HAZWRAP

HAZARDOUS WASTE REMEDIAL ACTIONS PROGRAM

U.S. AIR FORCE
INSTALLATION RESTORATION PROGRAM

TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

REMEDIAL INVESTIGATION REPORT

PLATING SHOP - BUILDING 3001

VOLUME II OF III: APPENDICES A & B

prepared by
HALLIBURTON NUS
Environmental Corporation

Prepared for
HAZARDOUS WASTE REMEDIAL ACTIONS PROGRAM
Oak Ridge, Tennessee 37831-7606
managed by
MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the
U.S. DEPARTMENT OF ENERGY
under contract DE-AC05-84OR21400

R476911

HALLIBURTON NUS
Environmental Corporation

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PLATING SHOP - BUILDING 3001

VOLUME II OF III:
APPENDICES A AND B

HAZARDOUS WASTE REMEDIAL ACTIONS PROGRAM
OAK RIDGE, TENNESSEE
GENERAL ORDER NUMBER 13B-99784C
TASK ORDER Y-04

Technologies and services for a cleaner and safer world

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APPENDIX A

BORING LOGS, MONITORING WELL CONSTRUCTION, DEVELOPMENT AND SAMPLING FORMS, SLUG TEST CALCULATIONS, AND ENGINEERING SURVEY DATA

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APPENDIX A-1

BORING LOGS

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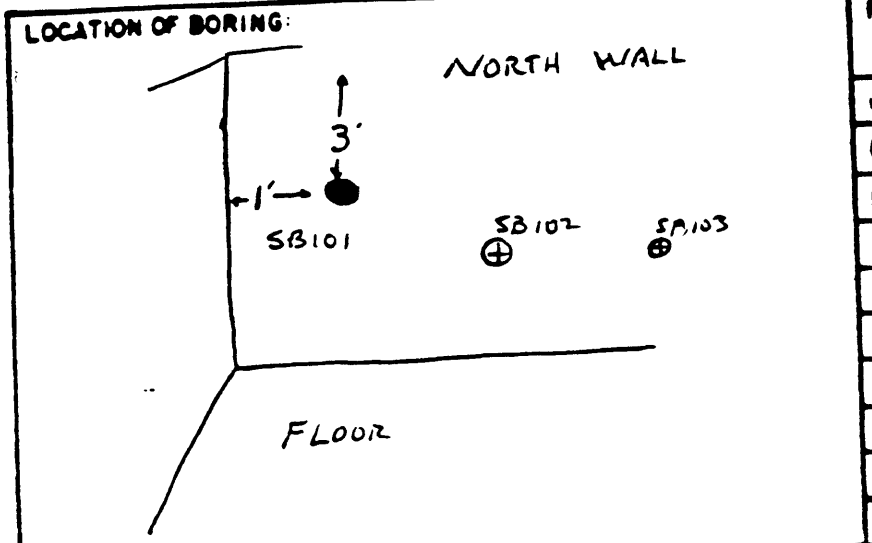
NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB101
	TOTAL DEPTH: 4'
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: NUS / Tennessee	
DRILL RIG TYPE: HAND AUGER / Concrete saw	
DRILLERS NAME: KEENE / DAVENPORT	
SAMPLING METHODS: AUGER (STAINLESS STEEL)	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1900	DATE: 2/15/90
COMPLETED, TIME: 1920	DATE: 2/15/90
BORING DEPTH (ft.)	4'
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	DRY
TIME:	1930
DATE:	2/15/90
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY JW/Terry
SURFACE ELEV.:	DATUM:
CONDITIONS: HORIZONTAL BORING IN SUMP	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu (ppm)	
1.0-1.5	HA	NA	6	6	VG	NA	SM	0	
2.0 2.5	HA	NA	6	6	VG	NA	SM	0	
3.5-4.0	HA	NA	6	6	VG	NA	SM	0	

DEPTH IN FEET: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

GRAPHIC LOG

CONCRETE TO 1.0

SAND LIGHT BROWN, SILTY VERY FINE TO FINE GRAINED ROUNDED MOIST TO DAMP (FILL)

T-SU-SB101A / T-SU-SB101X - 1900

SAND SAME AS ABOVE (FILL)

T-SU-SB101B / T-SU-SB101Z T-SU-SB101Y 1905

SAND AS ABOVE TO 2.4' then become:

SAND, REDDISH BROWN, VERY SILTY FINE GRAINED SLIGHTLY CLAYEY, HARD, DRY

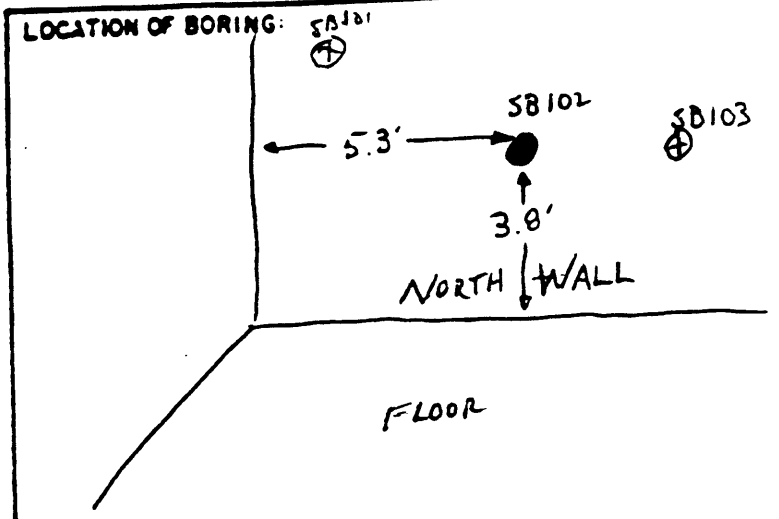
T-SU-SB101C - 1920

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB102
	TOTAL DEPTH: 4
JOB NO.: 4M41	LOGGED BY: J.W.
PROJ. MGR.: Wedekind	EDITED BY:
DRILLING CONTRACTOR: NUS/Termion	
DRILL RIG TYPE: HAND AUGER/ Concrete Core	
DRILLERS NAME: J. KEENE / J. DAVENPORT	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1926	DATE: 02/15/90
COMPLETED, TIME: 2000	DATE: 02/15/90
BORING DEPTH (ft.)	4'
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	DRY
TIME:	2000
DATE:	2/15/90
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY: Termion
SURFACE ELEV.:	DATUM:
CONDITIONS: NA - HORIZONTAL BORING INSIDE OF SUMP	

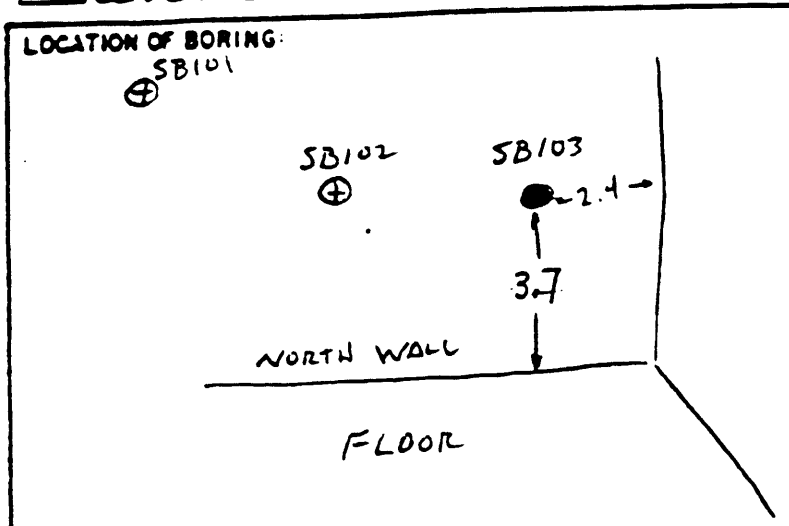
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 1.0 w/ rebar
1.0 1.5	HA G	NA	6	6	VG	NA	SM	0		1		SAND, BROWN, SILTY, FINE GRAINED, WELL ROUNDED DAMP T-SU-SB102A - 1928
2.0 2.5	HA G	NA	6	6	VG	NA	SM	0		2		SAND, SAME AS ABOVE, DRIER T-SU-SB102 B - 1952
3.8 4.0	HA G	NA	6	6	VG	NA	SM	0		3		SAND, REDDISH BROWN, SILTY, FINE GRAINED, ROUND MODERATELY SORTED, DRY, HARD T-SU-SB102 C - 2000
										4		
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB103
	TOTAL DEPTH: 2
JOB NO.: 4M41	LOGGED BY: J. Wedekind
PROJ. MGR.: Wedekind	EDITED BY: J. Wedekind
DRILLING CONTRACTOR: NUS / Terracon	
DRILL RIG TYPE: HAND AUGER / Concrete Corer	
DRILLERS NAME: J. KEENE / DAVENPORT	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME 2000	DATE: 02/15/90
COMPLETED, TIME: 2020	DATE: 02/15/90
BORING DEPTH (ft.)	2.5'
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	NA (DRY)
TIME:	NA
DATE:	NA
BACKFILLED, TIME: 0830	DATE: 02/15/90 BY Terracon
SURFACE ELEV.:	DATUM:
CONDITIONS: INSIDE OF SUMP - HORIZONTAL BORING	

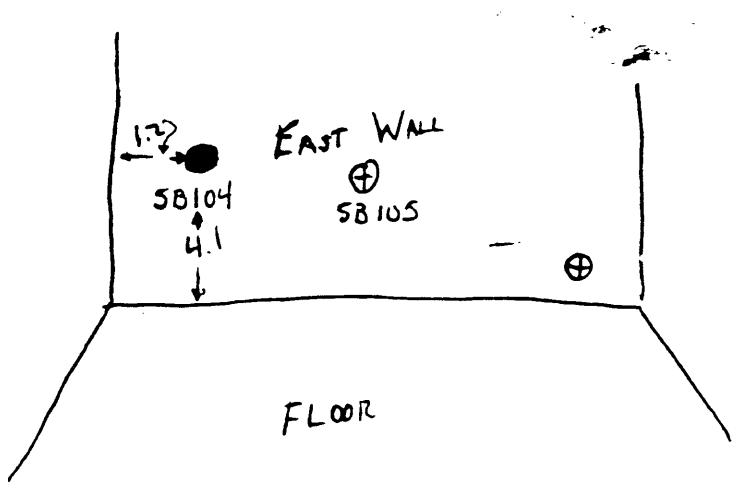
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	FEET INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE to 1.0 w/ rebar
1.0 1.5	NA	NA	NA	0.5	VG	NA	SM	0		1		SAND, BROWN SILTY FINE GRAINED WELL-MODERATELY SORTED DAMP FILL T-SU-SB103A - 2005
2.0 2.5	NA	NA	NA	0.5	VG	NA	SM	0		2		SAND, BROWN SAME AS ABOVE. WITH OLD CONCRETE, CRUSHED STONE, FILL T-SU-SB103B - 2024
										3		ENCOUNTERED ABUNDANTS STONE BACKFILL
										4		TERMINATED BORING @ 2.5'
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB104
	TOTAL DEPTH: 4'
JOB NO.: 4MAH	LOGGED BY: We
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: NUS / Terrera	
DRILL RIG TYPE: HAND AUGER / Concrete Cor.	
DRILLERS NAME: J. KEENE / J. DAVENPORT	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 2045	DATE: 02/15/90
COMPLETED, TIME: 2100	DATE: 02/15/90
BORING DEPTH (ft.)	4
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	DRY
TIME:	2110
DATE:	2/15/90
BACKFILLED, TIME: 0830	DATE: 02/19/90 BY: GW
SURFACE ELEV.:	DATUM:
CONDITIONS:	NA - Inside of Sump - Horizontal

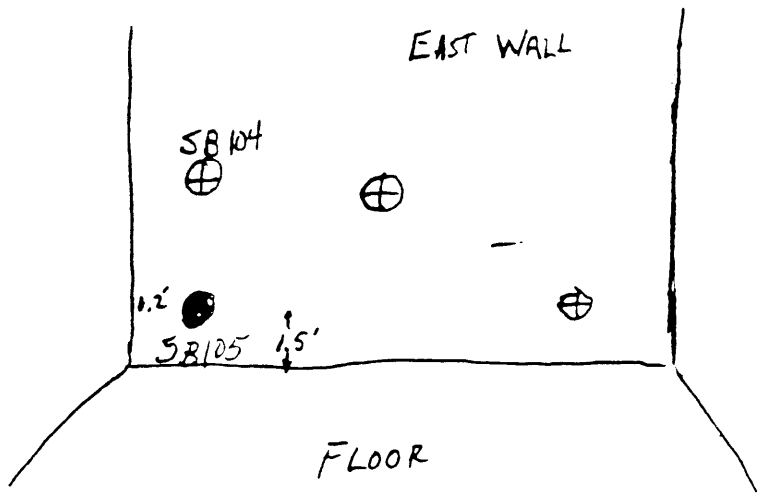
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE to 1.0 w/ rebar
1.0 1.5	HA	NA	6	6	G	NA	SM	0		1		SAND, BROWN, FINE GRAINED, SILTY, DAMP, FILL
												T-SU-SB104A 2048
2.0 2.5	HA	NA	6	6	G	NA	SM	0		2		SAND, BROWN, SAME AS ABOVE, BECOMES
										3		SAND, REDDISH BROWN (NATURAL)
												T-SU-SB104B 2052
3.5 4.0	HA	NA	6	6	G	NA	SM	0		4		SAND, RED BROWN, SILTY, FINE GRAINED, MODERATELY SORTED, ROUNDED, MOIST
												T-SU-SB104C 2100
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING



PROJECT: Tinker AFB	BORING NO. SB105
	TOTAL DEPTH:
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR. Wedekind	EDITED BY: JSB
DRILLING CONTRACTOR: NUS / Terranova	
DRILL RIG TYPE: HAND AUGER / Concrete Corer	
DRILLERS NAME: J. KEENE / J. DAVENPORT	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME 0940	DATE: 02/16/90
COMPLETED, TIME: 1009	DATE: 02/16/90
BORING DEPTH (ft.) 3.0	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) NA	
TIME: NA	
DATE: NA	
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY JU
SURFACE ELEV.:	DATUM:
CONDITIONS: HORIZONTAL BORING INSIDE BLDG 3001 - Temp ~ 70°	

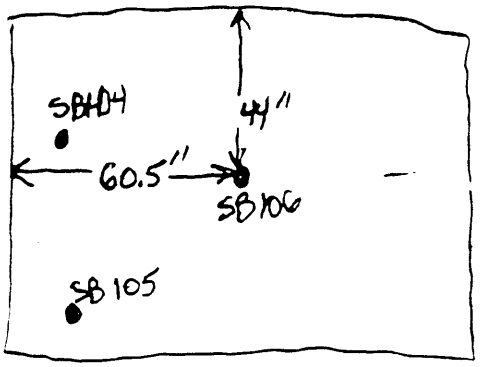
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 1.0 w/ rebar
1.0 1.5	HA	NA	6	6	G	NA	SM	0		1		SAND, BROWN, SILTY, FINE GRAINED, MODERATE-WELL SORTED, FILL SLIGHTLY DAMP
												T-SU-SB105A / T-SU-SB105X 0945
2.0 2.5	HA	NA	6	6	G	NA	SM	0		2		SAND, BROWN, SAME AS ABOVE, FILL
												T-SU-SB105B / T-SU-SB105Y / T-SU-SB105Z-1
3.5 4.0	HA	NA	6	6	G	NA	SM	0		3		SAND, BROWN, FINE GRAINED, MODERATE SORTED, SILTY, DAMP, FILL
										4		T-SU-SB105C 1008
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB106



~~SOUTH~~ WALL
EAST JSB 10/8/91

PROJECT: TAFB	BORING NO. SB106
	TOTAL DEPTH: 22'
JOB NO.: 4M41	LOGGED BY: R. K.
PROJ. MGR.: J. Wiedekind	EDITED BY: Wade
DRILLING CONTRACTOR: NUS/Terranova	
DRILL RIG TYPE: Hand Augur/Concrete saw	
DRILLERS NAME: J. Keene/J. Davenport	
SAMPLING METHODS: Hand Auger	
HAMMER WT.: NA	DROP NA
STARTED, TIME 10:30	DATE: 2/17/90
COMPLETED, TIME: 10 45	DATE: 2/17/90
BORING DEPTH (ft.) 2.8'	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) DRY	
TIME: 1045	
DATE: 2/17/90	
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY: QL
SURFACE ELEV.:	DATUM:
CONDITIONS: Horizontal Boring in Sump	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												0-1.0 Concrete w/ rebar
1.0 1.5	HA	NA	6	6	G	NA	SM	0		1		1.0-1.5 sand brown, fine grained, silty, well sorted, moist T-SU-SB106A; T-SU-SB106
2.0 2.5	HA				R.K. 2/17/90					2		Hit concrete at 22" first encountered small piece of paper - may have been an old bag of cement included in fill. Abandon boring at 22" (FILL)
3.5 4.0	HA				R.K. 2/17/90					3		
										4		
										5		
										6		
										7		
										8		
										9		
										10		

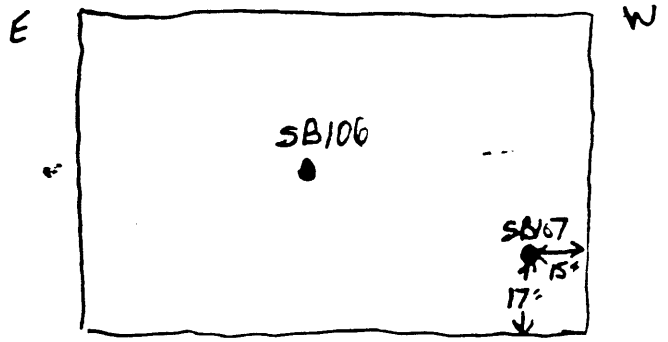
NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:

SB 107



~~SOUTH~~ WALL
EAST JSB 10/8/91

PROJECT: TAFB	BORING NO. SB107
	TOTAL DEPTH 4'
JOB NO.: 4M41	LOGGED BY: R. Kurth
PROJ. MGR. J. Wedekind	EDITED BY: J. Wedekind
DRILLING CONTRACTOR: NUS / Terra	
DRILL RIG TYPE: HAND AUGER / Concrete Cor	
DRILLERS NAME: J. Keene / J. Davenport	
SAMPLING METHODS: Hand Auger	
HAMMER WT.: NA	DROP NA
STARTED, TIME 10:47	DATE: 2/17/90
COMPLETED, TIME: 1105	DATE: 2/17/90

BORING DEPTH (ft.)		4'
CASING DEPTH (ft.)		NA
WATER DEPTH (ft.)	B.G.	DRY
TIME:	~~10:47~~	1105
DATE:	2/17/90	2/17/90

BACKFILLED, TIME: 0830 DATE: 2/19/90 BY: Terra

SURFACE ELEV.: DATUM:

CONDITIONS: inside Bldg 3001, Temp 70° HORIZONTAL DRILLING

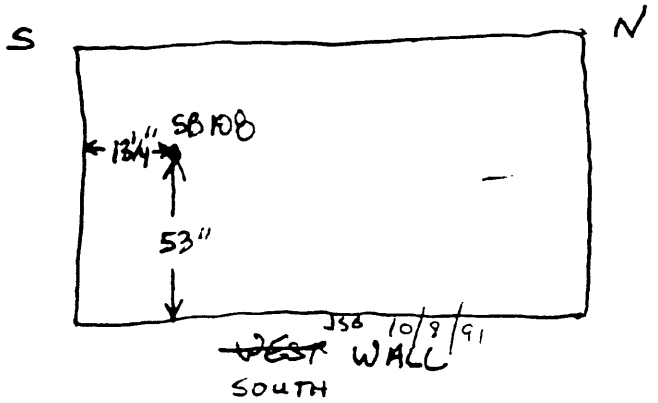
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN		DEPTH IN FEET	GRAPHIC LOG	
												0-1.0 Concrete
1.0 1.5	HA	NA	6	6	G	NA	SM	0		1		1.0-1.5 sand, tan to brown, silty, fine-medi grained, moderately sorted, probable fill
2.0 2.5	HA	NA	6	6	G	NA	SM	0		2		sample T-SU-SB107A
3.5 4.0	HA	NA	6	6	G	NA	SM	0		3		2.0-2.5 sand as above. T-SU-SB107B
										4		3.5-4.0 sand, brown, silty, fine grained, well sorted, moist. Samples T-SU-SB107C
												T-SU-SB107Y, T-SU-SB107Z
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB 108



PROJECT: TAFB	BORING NO: SB108
	TOTAL DEPTH: 2.5
JOB NO.: 4M41	LOGGED BY: R.K
PROJ. MGR.: J. Wedekind	EDITED BY: J. Wer
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: HAND AUGER/Concrete Co	
DRILLERS NAME: J. KEENE/J. Devonport	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP NA
STARTED, TIME 1130	DATE: 2/17/90
COMPLETED, TIME: 1147	DATE: 2/17/90
BORING DEPTH (ft.)	2.5'
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	DRY
TIME:	1147
DATE:	2/17/90
BACKFILLED, TIME: 0830	DATE: 2/18/90 BY: JW/Fer
SURFACE ELEV.:	DATUM:
CONDITIONS: Inside Bldg 3001, Temp 70°	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM	
1.0 1.5	HA	NA	6	6	Fair		SM	0	
2.0 2.5	HA	NA	6	6	Fair		SM	0	
3.5 4.0									

DEPTH IN FEET: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

GRAPHIC LOG

0-1.0 Concrete

1.0-1.5 Mixed crushed stone, dark gray, angular, 1/4"-1/2" in diameter and sand, reddish brown, silty, very fine grained, well sorted. T-SU-SB108A Material may be subgrade for pad for adjacent tanks

2.0-2.5 Mixed crushed stone and sand as above. Approx 85% stone, 15% sand Sample T-SU-SB108B

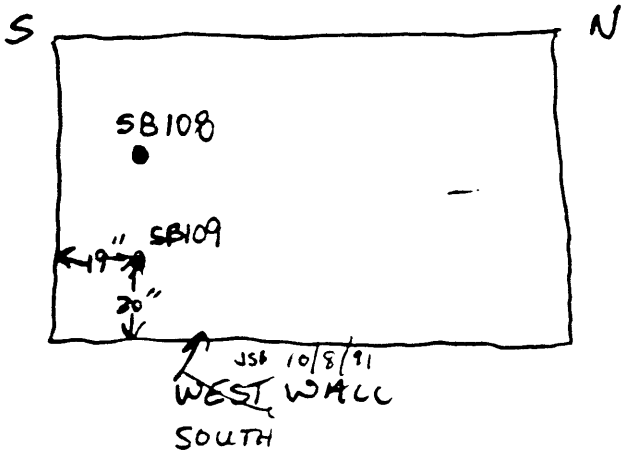
Auger refusal at 2.5'
Abandon boring - No "C" sample

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB109



PROJECT: TAFB	BORING NO. SB10
	TOTAL DEPTH 4
JOB NO.: 4M41	LOGGED BY: R. KURTH
PROJ. MGR. J. WEDEKIND	EDITED BY: J. Wedekind
DRILLING CONTRACTOR: NUS / Terrasen	
DRILL RIG TYPE: HAND AUGER / Concrete Core	
DRILLERS NAME: J. KEENE / J. Davenport	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME 1155	DATE: 2/17/90
COMPLETED, TIME: 1205	DATE: 2/17/90

BORING DEPTH (ft.)	4'		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	DRY		
TIME:	1205		
DATE:	2/17/90		

BACKFILLED, TIME: 0830 DATE: 2/19/90 BY: JW

SURFACE ELEV.: DATUM:

CONDITIONS: INSIDE BLDG 3001, TEMP 70°

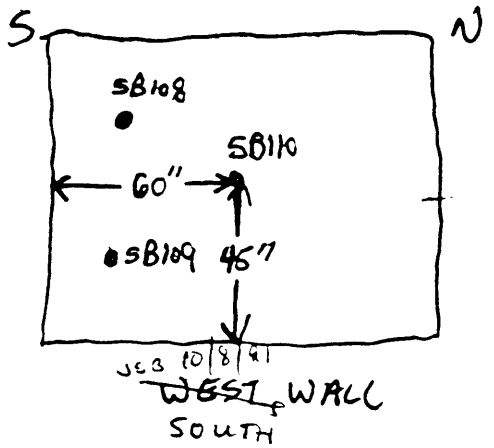
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												0-1.0 Concrete
1.0 1.5	HA	NA	6	6	G	NA	SM	0		1		sand, redish brown, silty, very fine grained, well sorted, moist T-$u-$B109A
2.0 2.5	HA	NA	6	6	G	NA	SM	0		2		2.0-2.5' Sand, brown, silty, very fine grai well sorted, moist, T-$u-$B109B
3.5 4.0	HA	NA	6	6	G	NA	SM	0		3		3.5-4.0 Sand as above. Took Sample T-$u-$B109C
										4		
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB110
	TOTAL DEPTH: 1.1
JOB NO.: 4M41	LOGGED BY: R. Kinney
PROJ. MGR. J. WEDEKIND	EDITED BY: J. Wedekind
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: HAND AUGER/Concrete Core	
DRILLERS NAME: J. KEENE/J. DAVENPORT	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1240	DATE: 2/17/90
COMPLETED, TIME: 1242	DATE: 2/17/90

BORING DEPTH (ft.)	1.1'		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	DRY		
TIME:	1242		
DATE:	2/17/90		

BACKFILLED, TIME: 0830 DATE: 2/19/90 BY: JW

SURFACE ELEV.: DATUM:

CONDITIONS: HORIZONTAL BORING IN SUMP

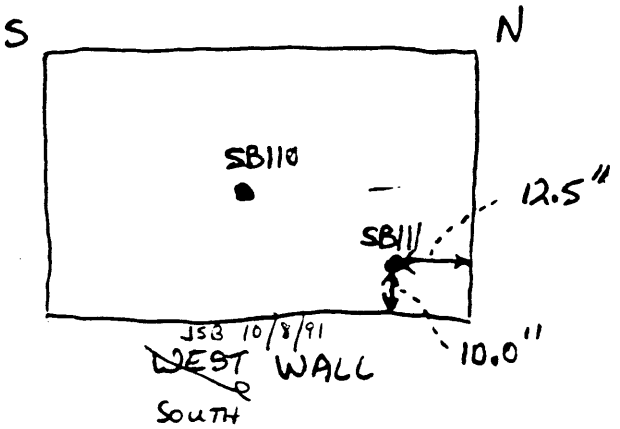
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												0-1.0 Concrete
1.0 1.1'	HA	NA	1	1	Very Poor		SM	0		1		1.0-1.1' sand, brown, silty, very fine grained, well sorted, Hit refusal at 1.1' - concrete footing for tank pad. Not enough soil for sample Abandon boring
										2		
										3		
										4		
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING:



PROJECT: TAFB	BORING NO. SB111
	TOTAL DEPTH 4.0'
JOB NO.: 4M41	LOGGED BY: R KUSTH
PROJ. MGR. J. WEDEKIND	EDITED BY:
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: HAND AUGER	
DRILLERS NAME: J. KEENE	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME 1250	DATE: 2/17/90
COMPLETED, TIME: 1308	DATE: 2/17/90
BORING DEPTH (ft.) 4'	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) DRY	
TIME: 1308	
DATE: 2/17/90	
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY: GW
SURFACE ELEV.:	DATUM:
CONDITIONS: inside Bldg 3001 TEMP 70°	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM	
1.0 1.5	HA	NA	6	6	G	NA	SM	0	
2.0 2.5	HA	NA	6	6	G	NA	SM	0	
3.5 4.0	HA	NA	6	6	G	NA	SM	0	

DEPTH IN FEET: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

GRAPHIC LOG

0-1.0 Concrete

1.0-1.5 Sand, brown, silty, fine grained, well sorted, Samples T-SU-SB111A, T-SU-SB111X

2.0-2.5 sand, brown, silty, fine grained, well sorted, Sample T-SU-SB111B

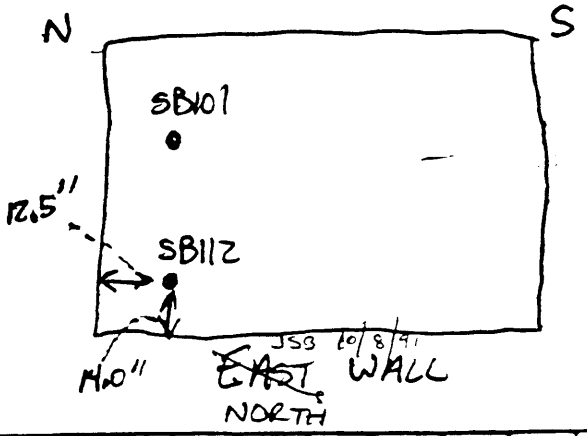
3.5-4.0 Sample as above, Samples T-SU-SB111C, T-SU-SB111Y, T-SU-SB111Z

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB112



PROJECT: TAFB	BORING NO: SB112
	TOTAL DEPTH:
JOB NO.: 4M41	LOGGED BY: R. Ku
PROJ. MGR.: J. WEDEKIND	EDITED BY: Wedekind
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: HAND AUGER/ Concrete Core	
DRILLERS NAME: J. KEENE/J. Davenport	
SAMPLING METHODS: HAND AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1326	DATE: 2/17/90
COMPLETED, TIME: 1350	DATE: 2/17/90
BORING DEPTH (ft.): 3.0	
CASING DEPTH (ft.): NA	
WATER DEPTH (ft.): DRY	
TIME: 1350	
DATE: 2/17/90	
BACKFILLED, TIME: 0830	DATE: 2/19/90 BY: aw
SURFACE ELEV.:	DATUM:
CONDITIONS: HORIZONTAL BORING IN SUMP	

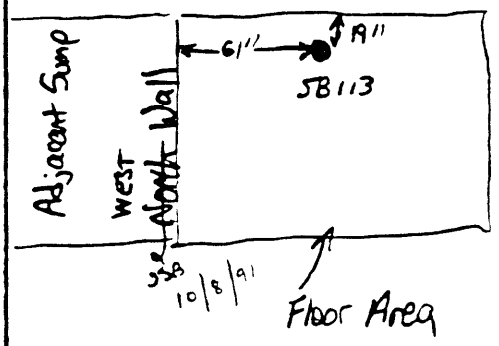
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												0-1.0 Concrete
1.0 1.5	HA	NA	6	6	G		SM	0		1		1.0-1.5 sand, redish brown, silty, fine grained, well sorted, Moist Samples T-$U-SB112A, T-$U-$B112X
2.0 2.5	HA	NA	6	6	G		SM	0		2		2.0-2.5 sand, brown, silty, very fine grained, well sorted, moist sample T-$U-$B112B
3.5 4.0	HA									3		3.0' siltstone, red, sandy, hard, attempting penetration w/ screw auger. Refusal at 3.0', abandoning hole
										4		
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB 113



PROJECT: Tinker AFB

BORING NO. SB/1

TOTAL DEPTH: 5

JOB NO.: 4M41

LOGGED BY: J. Wedekind

PROJ. MGR.: Wedekind

EDITED BY: J. Wedekind

DRILLING CONTRACTOR: NUS / Terracon

DRILL RIG TYPE: Hand Auger / Concrete Core

DRILLERS NAME: J. Keene / J. Davenport

SAMPLING METHODS: Hand-Auger

HAMMER WT.: NA

DROP: NA

STARTED, TIME: 1530

DATE: 2/16/90

COMPLETED, TIME: 1555

DATE: 2/16/90

BORING DEPTH (ft.)	4'		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	NA (DRY)		
TIME:	9W	~~NA~~ 1555	
DATE:	2/24/90 9W	~~NA~~ 2/16/90	

BACKFILLED, TIME: 0830 DATE: 02/19/90 BY: 9W

SURFACE ELEV.:

DATUM:

CONDITIONS: inside Bld 3001, 70° - VERTICAL

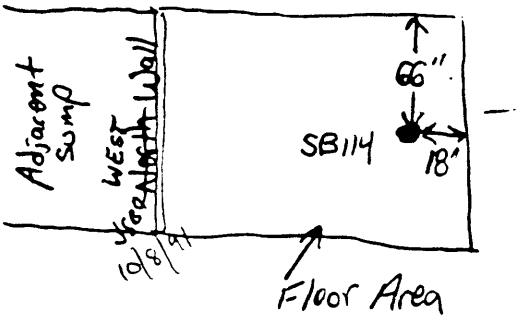
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												0-1' concrete
1.0-1.5	NA	NA	6	6	G	NA	SM	0		1		sand, brown, silty, fine grained, well sorted - damp. Sample T-$U-$B113
2.0 2.5	NA	NA	6	6	G	NA	SM	0		2		1.5' very wet. As above - FILL
3.5 4.0	NA	NA	6	6	G	NA	SM	0		3		2.0-2.5 sand, redish brown, fine grained, well sorted wet. Sample T-$U-$B113B
										4		3.5, sample as above. Took sample T-$U-$B113C
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB114



PROJECT: TINKER AFB	BORING NO. SB114
	TOTAL DEPTH: 4
JOB NO.: 4M41	LOGGED BY: R.K.
PROJ. MGR.: Wedekind	EDITED BY: J. Wedekind
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: Hand-Auger/Concrete Core	
DRILLERS NAME: J. Keene/J. Davenport	
SAMPLING METHODS: Hand-Auger	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1611	DATE: 2/16/90
COMPLETED, TIME: 1630	DATE: 2/16/90
BORING DEPTH (ft.): 4	
CASING DEPTH (ft.): NA	
WATER DEPTH (ft.): DRY	
TIME: 1630	
DATE: 2/16/90	
BACKFILLED, TIME: 0830	DATE: 02/15/90 BY: gr
SURFACE ELEV.:	DATUM:
CONDITIONS: inside Bldg. 3001, 70°	

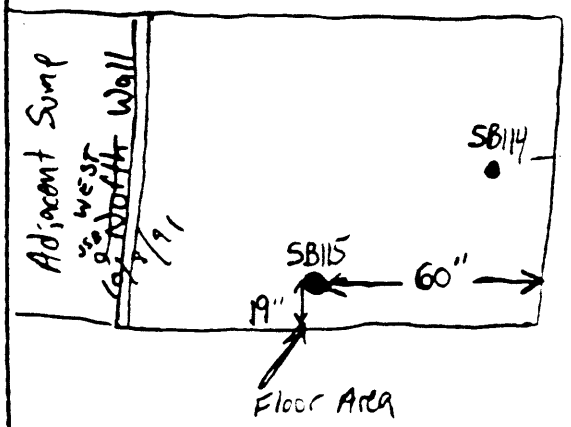
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET INCHES DRIVEN	FEET INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												concrete to 1.0
1.0 1.5	HA	NA	0.5	0.5	G	NA	SM	0		1		sand, redish brown, silty, fine-grained, well sorted. Very moist Sample T-SU-SB114A
2.0 2.5	HA	NA	0.5	0.5	G	NA	SM	0		2		2.0-2.5 sand as above with angular silt stone fragments 1/8 to 1/4" diameter, wet
3.5 4.0	HA	NA	0.5	0.5	G	NA	SM	0		3		Took Sample T-SU-SB114B
										4		sand, redish-brown w/ occasional grey mottling, silty, fine-grained, well sorted, wet. Sample T-SU-SB114C
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB115



PROJECT: TINKER AFB	BORING NO. SB115
	TOTAL DEPTH: 4'
JOB NO.: 4M41	LOGGED BY: R. Kurth
PROJ. MGR: J. Wedekind	EDITED BY: J Wedekind
DRILLING CONTRACTOR: NUS/Terracon	
DRILL RIG TYPE: HAND-AUGER/ Concrete Core	
DRILLERS NAME: J. KEENE/J Davenport	
SAMPLING METHODS: HAND-AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME 16:43	DATE: 2/16/90
COMPLETED, TIME: 17:00	DATE: 2/16/90

BORING DEPTH (ft.)	4		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	DRY		
TIME:	1700		
DATE:	2/16/90		

BACKFILLED, TIME: 0830 DATE: 02/19/90 BY: gw

SURFACE ELEV.: DATUM:

CONDITIONS: inside Bldg 3001, 70° VERTICAL

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG
										1	
1.0 1.5	HA	NA	6	6	G	NA	SM	0		2	
2.0 2.5	HA	NA	6	6	G	NA	SM	0		3	
3.5 4.0	HA	NA	6	6	G	NA	SM	0		4	
										5	
										6	
										7	
										8	
										9	
										10	

0-1.0 Concrete

1.0-1.5 Sand, redish brown, fine grained, well sorted, occassional clay nodules 1/8" diam

Sample T-$U-$B115A

2.0-2.5 sand, redish brown, fine grained, silty, very wet sample T-$U-$B115B

3.5-4.0 sand, redish brown with occassional gray mottling, silty, fine grained, well sorted, occassional redish brown siltstone fragments 1/8"-1/4" diam.

Took Sample T-$U-$B115C

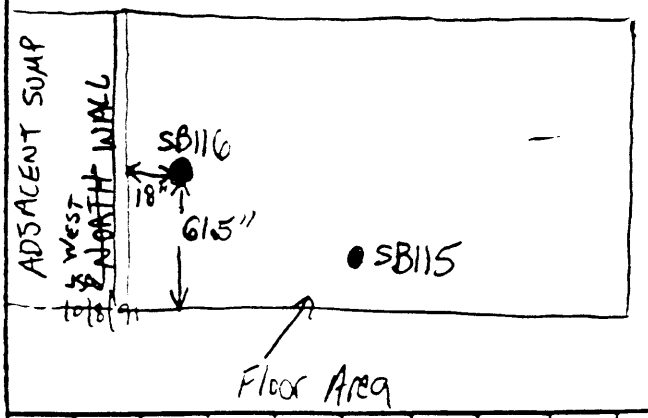
sample very wet

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 1

LOCATION OF BORING: SB116



PROJECT: TINKER AFB	BORING NO. SB116
	TOTAL DEPTH: 4'
JOB NO.: 4M41	LOGGED BY: R.K.
PROJ. MGR.: J. WEDEKIND	EDITED BY: J. Weden
DRILLING CONTRACTOR: NUS/Terrera	
DRILL RIG TYPE: HAND-AUGER/Concrete Cu	
DRILLERS NAME: J. KEENE/J Davenport	
SAMPLING METHODS: HAND-AUGER	
HAMMER WT.: NA	DROP: NA
STARTED, TIME: 1705	DATE: 2/16/90
COMPLETED, TIME: 1730	DATE: 2/16/90
BORING DEPTH (ft.): 4'	
CASING DEPTH (ft.): NA	
WATER DEPTH (ft.): NA (DRY)	
TIME: NA	
DATE: NA	
BACKFILLED, TIME 0830	DATE: 02/18/90 BY: gw
SURFACE ELEV.:	DATUM:
CONDITIONS: inside Bldg 3001, Temp 70°	

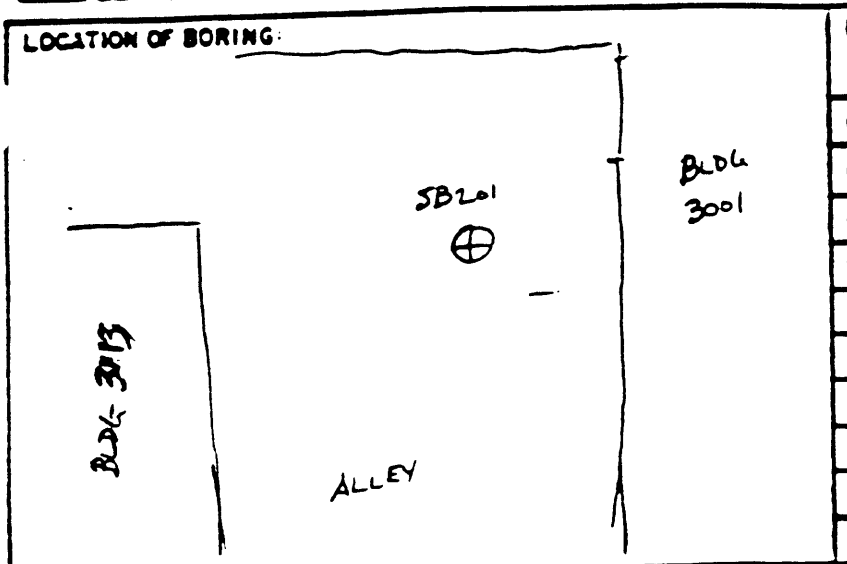
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET INCHES DRIVEN	FEET INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNU SCAN PPM		DEPTH IN FEET	GRAPHIC LOG	
												Concrete 0-1.0'
1.0 1.5	HA	NA	0.5	0.5	G	NA	SM	0		1		Sand, redish brown, silty, fine grained, well sorted, moist sample T-SV-SB116A
2.0 2.5	HA	NA	0.5	0.5	G	NA	SM	0		2		2.0-2.5 sand as above, wet, took sample T-SV-SB116B
3.5 4.0	HA	NA	0.5	0.5	G	NA	SM	0		3		3.5-4.0' Sand as above w/ redish brown angular siltstone fragments 1/8-1/4" diam.
										4		sample very wet. Sample T-SV-SB116C
												PROBABLY ~~[illegible]~~ gw 02/18/90 NATURAL
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB201
	TOTAL DEPTH: 22'
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING CF-15	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 1350	DATE: 03/06/90
COMPLETED, TIME: 1600	DATE: 03/06/90

BORING DEPTH (FT.)	22	22	22
CASING DEPTH (FT.)	NA	NA	NA
WATER DEPTH (FT.)	~~[illegible]~~ N'	12.5	11.3
TIME:	1545	1620	847
DATE:	03/06/90	03/06/90	03/08/9.

BACKFILLED, TIME: 1244 DATE: 3/8/90 BY: POOL

SURFACE ELEV.: 1276.24 DATUM: MSL

CONDITIONS: RAIN, DRIZZLE, TEMP ~55°

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												ASPHALT and CONCRETE to 1 then
										1		SAND, REDDISH BROWN, COARSE GRAINED, SUB
												ANGULAR (FILL), THEN CONCRETE AGAIN to 2
										2		
										3		SILT, CLAYEY, SANDY, REDDISH BROWN
							ML					OCCASIONALLY MOTTLED, DARK BROWN
										4		w/ ROOT CASTS T-SU-SB201A / T-SU-SB201X-15
										5		SAND, SILTY, CLAYEY, REDDISH BROWN and GREY
							SM/SC					FINE GRAINED, ROUNDED, OCCASIONALLY STRATIFIED
2.0 TO	SS	NA	5	5	E		ML	0		6		VERY STIFF
										7		
										8		SILT, SANDY CLAYEY, REDDISH BROWN WITH
												OCCASIONAL THIN CLAY STRINGERS, VERY STIFF
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB201

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN	
7.0 12.0	SS	NA	5.0	0.3	P		ML/SM	0	
12.0 17.0	SS	NA	5.0	4.0	VG		SM	NA	
17.0 22.0	SS	NA	5.0	5.0	E		SM	NA	

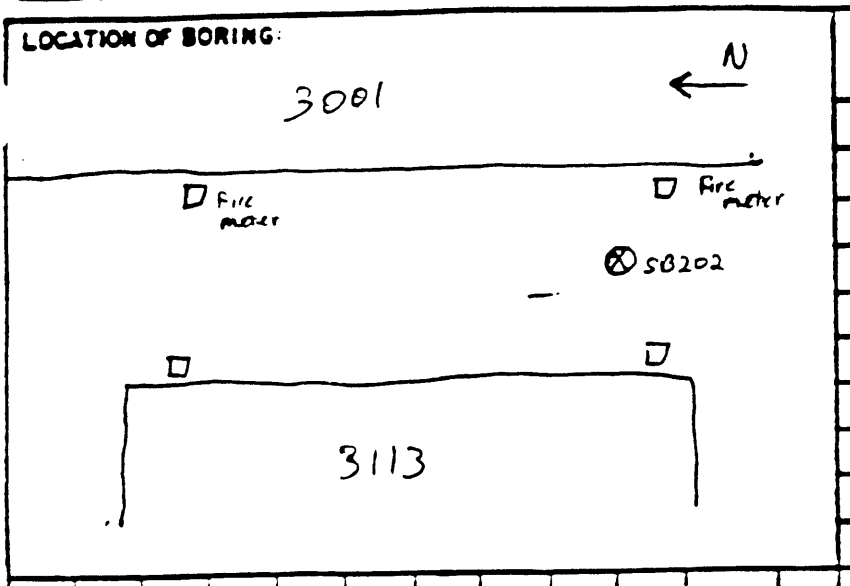
DEPTH	GRAPHIC LOG	
11		SILT, SANDY, CLAYEY and SAND, SILTY, CLAYEY
		REDDISH BROWN, OCCASIONAL WEATHERED SANDSTONE
12		VERY STIFF
		HNU NOT OPERATING
13		T-SU-SB201B / T-SU-SB201Y / T-SU-SB201Z-1540
14		DRILLER REPORTS WATER ENCOUNTERED
15		
16		SAND, SILTY, CLAYEY, REDDISH BROWN, FINE TO
		MEDIUM GRAINED, ROUNDED, W/ GRANULE
17		TO PEBBLE SIZED AUTHIGENIC (?) MINERAL
		OR PEBBLES, IRREGULAR SHAPED, MOIST
18		THROUGHOUT, STIFF
		T-SU-SB201C 1555
19		SAND, CLAYEY, SILTY, GREY, MEDIUM GRAINED
		BECOMES CLAY, SILTY @ 18.6, STIFF
20		
21		CLAY, SILTY, SLIGHTLY SANDY DRY
22		REDDISH BROWN TO DARK REDDISH BROWN,
		MASSIVE, VERY STIFF
23		
24		
25		
26		
27		
28		
29		
30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB202
	TOTAL DEPTH: 22'
JOB NO.: 4M41	LOGGED BY: BASILIO
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING CF-15	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 0845	DATE: 3/7/90
COMPLETED, TIME: 1100	DATE: 3/7/90

BORING DEPTH (ft.)	22	22	22
CASING DEPTH (ft.)	NA	NA	NA
WATER DEPTH (ft.)	11.2	11.3	11.1
TIME:	1025	1558	0847
DATE:	3/7/90	3/7/90	3/8/90

BACKFILLED, TIME: 1244 DATE: 3/8/90 BY: POOL

SURFACE ELEV.: 1276.33 DATUM: MSL

CONDITIONS: PARTLY SUNNY 65°

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (PPM)		DEPTH IN FEET	GRAPHIC LOG	
												ASPHALT + CONCRETE DRIVEWAY TO 1.0
										1		Sandy Clay fill material, Reddish Brown, soft -
										2		mediums stiff, moist TO 2.3
							CL					
										3		Silty Clay, Brick Red, medium stiff, damp,
												rootlets, black staining and nodules
										4		
												T-SU-SB202-A 905
										5		Silty clay, brick red, stiff, damp, very
												silty - slightly sandy, black staining
										6		increasingly sandy towards base
2.7	SS	NA	5	5	G			0				
										7		Clayey silt, red, soft, damp, grades into
							ML					silty sand
										8		
							SM					Silty sand, red, very fine grained, moist
										9		broken, black staining with some small < 1/2
												nodules
										10		T-SU-SB202 B 918

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: TINKER AFB | NO. 4M41 | BORING NO. SB 202

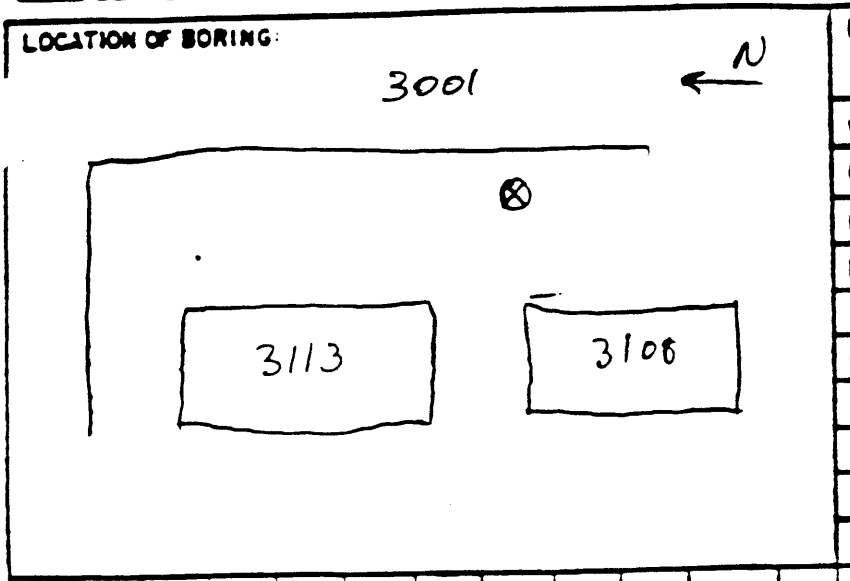
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D.RATE	USCS	H/N SCAN		DEPTH	GRAPHIC LOG	
										11		Silty sand, red, very fine grain sand,
7-12	SS	NA	5	5	G		SM	0				moist, well indurated, calcareous nodules (?)
										12		
							sm/sc					Silty - clayey sand, red, moist, broken,
										13		clayey lenses
							SM					
										14		Silty sand, red, moist, loose - moderately
												dense
										15		
												Silty sand, reddish orange, very silty in
										16		parts, moist, well indurated, black staining
12-17	SS	NA	5	4	G			0				
										17		
							SM					Silty sand, red, soft, wet
										18		
										19		
							SM					Silty sand, red, hard, wet
												T-SU-SB202-C 1005
										20		
												Sand, silty, reddish, hard, moist, stratified
										21		w/ 0.5' thick gray clayey lense
										22		
17-22	SS	NA	5	5	F-G		SM	0				
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB203
	TOTAL DEPTH: 27
JOB NO.: 4M41	LOGGED BY: BASILIO
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING CF-15	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1359	DATE: 3/7/90
COMPLETED, TIME: 1600	DATE: 3/7/90
BORING DEPTH (ft.)	27
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	12.2
TIME:	1145
DATE:	3/8/90
BACKFILLED, TIME: 1300	DATE: 3/8/90 BY: POOL
SURFACE ELEV.: 1276.37	DATUM: MSL
CONDITIONS: PARTLY SUNNY 65°	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												Asphalt and concrete to 1.0
										1		Clay, red-brown, silty, medium stiff,
										2		damp, abundant pebbles. (FILL?)
							CL					
										3		Silty clay, Brown-red, stiff, slightly damp
												sandy laminae, color grades to brick red at
										4		Silty clay, brick red to brown, stiff, black
												staining and nodules.
												T-SU-SB203-A 1430
										5		
										6		
2-7	SS	NA	5	5	G		ML	0				Brick red, clayey fine sand, moderately dense
										7		Slightly damp
							SC					
										8		Clayey sand, brick red, soft -
												stiff, moist
										9		
										10		T-SU-SB203 B 1443

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB203

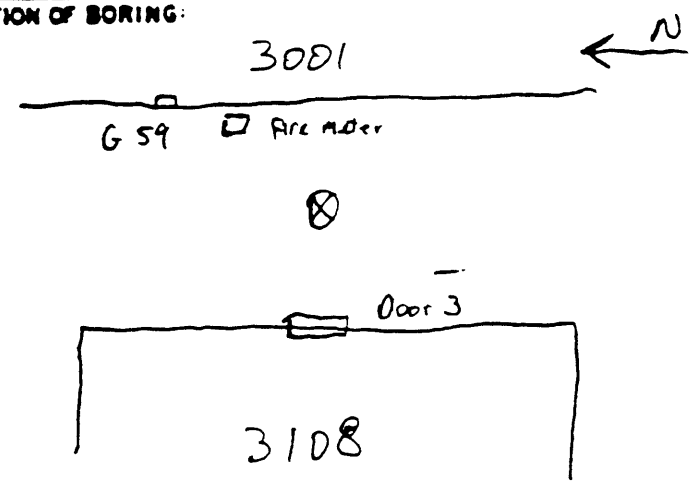
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		Silty sand, red, fine grained, moist, heavy black staining at 11'
7-12	SS	NA	5	5	G		SM	0		12		
										13		
										14		Clayey sand, brick red, soft to hard, moist, weathered
							SC			15		
							SM			16		Silty sand, red-white, firm, indurated, laminated
12-17	SS	NA	5	5	G			0				Silty sand, red, soft - hard, moist
							SM			17		Silty sand, brick red, soft - hard, moist
										18		
										19		T-SU-SB203C 1520
							SC			20		Sand, grey, clayey very fine grained, soft - hard, dry
							SM			21		Silty sand, red, soft - stiff, dry - sl damp
17-22	SS	NA	5	3.5	G		SM	0		22		
										23		
										24		Soft grey sandy zone at 24.5'
										25		Silty clay, red, soft - hard, moist.
22-27	SS	NA	5	5	G		SM	0		26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB204
	TOTAL DEPTH: 22'
JOB NO.: 4M41	LOGGED BY: BASILIO
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING CF-15	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1745	DATE: 3/7/90
COMPLETED, TIME: 1933	DATE: 3/7/90
BORING DEPTH (ft.) 22	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) NA	
TIME:	
DATE:	
BACKFILLED, TIME: 1300	DATE: 3/8/90 BY: POOL
SURFACE ELEV.: 1276.11	DATUM: MSL
CONDITIONS: SUNNY WARM	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												Asphalt and concrete to 1.0
										1		
										2		
							CH					Clay, red brown, slightly silty, soft - medium stiff, very cohesive. abright color change at 3'
										3		
							CL					Clay, dark gray brown, slightly silty, medium stiff, damp, grades to lighter colored tan ~~sandy~~ clay at 5'
										4		
												T-SU-SB204-A 1820
										5		Silty clay, tan gray brown, medium stiff, crumbly in silty zones, abundant black staining and nodules.
										6		
2.7	SS	NA	5	5			CL	0				
										7		
										8		
							ML			9		Clayey silt, brick red, stiff, dry, black staining
										10		T-SU-SB204B T-SU-SB204X 183

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB204

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		Silt, brick red, slightly clayey - sandy in parts, soft - medium stiff, friable and loose in sandy zones, clayey and stiffer towards base, dry
7-12	SS	NA	5	5	G		ML	0		12		
										13		
										14		light gray very fine grain sand, clayey @ 3" thick at 14'
										15		
							SM			16		Silty sand, brick red, very silty in parts, clayey lenses, dry, light gray fine grained sand lense at 16'
12-17	SS	NA	5	5	G			0		17		
							SM			18		Silty sand, brick red, soft - medium stiff, wet, clayey lenses
										19		
17-19.5	SS		2.5	2.5	G			0		20		T-SU-SB 204C, T-SU-SB204Z, T-SU-SB204Y 1917
19.5-22	SS		2.5	2.5	G			0		21		Silty sand, brick red, soft - medium stiff, wet
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:

PROJECT: TINKER AFB	BORING NO. SB205
	TOTAL DEPTH: 23
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING	
DRILLERS NAME: POOL	
SAMPLING METHODS: CONTINUOUS SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1348	DATE: 03/08/90
COMPLETED, TIME: 1600	DATE: 3/08/90
BORING DEPTH (ft.) 23	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) NA	
TIME:	
DATE:	
BACKFILLED, TIME: 1330	DATE: 3/9/90 BY: POOL
SURFACE ELEV.: 1276.35	DATUM: MSL
CONDITIONS: SUNNY, WARM	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												ASPHALT and SUBGRADE TO 1.0
										1		SILT, BROWN, CLAYEY w/ CRUSHED STONE
2							ML/CL			2		SILT, CLAYEY, SLIGHTLY SANDY, BROWN, BECOMES REDDISH BROWN w/ SMALL GRANULES(?) OF AUTHIGENIC MARLS, VERY STIFF
										3		
										4		
										5		T-SU-SB205A 1420
										6		
2.0 7.0	SS	NA	5	5	E		ML/CL	0		7		SILT, CLAYEY, SLIGHTLY SANDY, REDDISH BROWN OCCASIONALLY BROWN OR MOTTLED BLACK. BREAKS HACKLY. GREENISH GREY MOTTLING @ 6.8-7.0.
										8		
										9		8-9' Gray [illegible] sandy layers [illegible]
							ML			10		Silt Redd brown - brt red, stiff to sdy in spots, dry - sl damp
												T-SU-SB205B 1500

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: TINKER AFB | NO. 4M41 | BORING NO. SB205

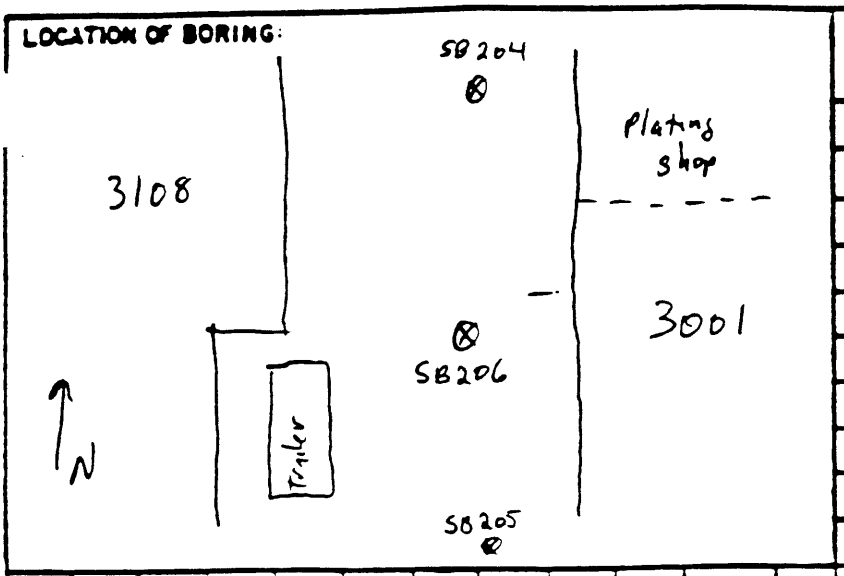
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D.RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		Silt, red brown, slightly clayey, stiff to crumbly in parts, dry, laminated with gray, clayey very fine grained sand from 11'-12'
7-12	SS	NA	5	5	E		ML	0		12		
										13		Silt, red-brown, clayey to silty, stiff to crumbly, damp
										14		
										15		weathered shale, red-brown, very silty, damp, heavily fractured, broken
							SM			16		Sand, red brown-tan, fine grained, silty, moist, slightly clayey towards base, poor induration
12-17	SS	NA	5	5	E			0		17		Sand, red-tan, fine to medium grained well indurated
										18		
							SM			19		Sand, red brown with tan mottling, fine grained, silty, poor induration, wet
										20		T-SU-SB205-C 1535
17-21	SS	NA	4	4	E		SM	0		21		Sand, red brown, fine-medium grained, wet-saturated, silty
21-23	SS	NA	7	2	G		SM	0		22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB206
	TOTAL DEPTH: 22
JOB NO.: 4M41	LOGGED BY: BASILIO
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: FAILING CF-15	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON / SHELBY TUBE	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 1755	DATE: 3/8/90
COMPLETED, TIME: 2030	DATE: 3/8/90
BORING DEPTH (ft.) 22	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) 16.4	
TIME: 0818	
DATE: 3/11/90	
BACKFILLED, TIME: 2100	DATE: 3/8/90 BY: POOL
SURFACE ELEV.: 1276.40	DATUM: MSL
CONDITIONS: SUNNY WARM	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												Asphalt and concrete to 1.0
										1		
												Clay, grey brown, silty-sandy, soft-medium stiff
										2		
							CL					Silty clay, red-brown-gray, soft-medium stiff
										3		
												Gray-black sand + gravel at 4' 0.3' thick
										4		
							ML					T-SB-SU 206-A 1845
										5		Silty clay, red-brown, stiff, dry black stain
												mottled gray silty zone at 5'-5.5'
										6		
2-7	SS	NA	5	4	G			0				
										7		
												Silt - red-brown, hard
												T-SB-SU206-B 1858
										8		
7-9	ST	NA	2	1	G							
										9		
												Silt, red brown, medium stiff, sandy-clayey, dry, crumbly towards base
										10		T-SU-SB 206-C 1935

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB206

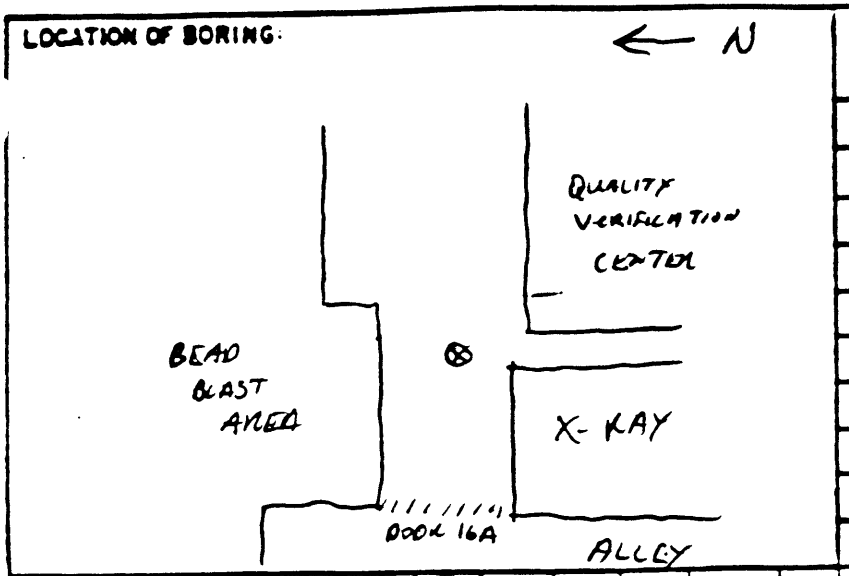
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN		DEPTH	GRAPHIC LOG	
										11		
9-12	SS	NA	3	3	G		ML	0		12		Silt, red brown, broken, slightly damp
										13		
										14		Silt, red brown, sandy, crumbly, slightly damp grades to silty sand
							SM			15		Sand, red brown, silty, some clayey lenses, very fine grained, damp - moist
12-17	SS	NA	5	5	G			0		16		
										17		
							SM			18		Sand, light red brown - tan, fine grained, silty, moist. T- $4-SB206 D 2020
17-19.5	SS	NA	2.5	2.5	G			0		19		Sand, light red brown - tan, silty, medium grained moist
										20		
										21		Drill to 22' - No sample collected
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB207
	TOTAL DEPTH: 24
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Gardner-Denver All Terrain	
DRILLERS NAME: POOL	
SAMPLING METHODS: 5' SPLIT SPOON/Chemical Core	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1750	DATE: 3/12/90
COMPLETED, TIME: 2130	DATE: 3/12/90
BORING DEPTH (ft.) 22	
CASING DEPTH (ft.) NA	
WATER DEPTH (ft.) 19'	
TIME: 0321	
DATE: 3/13/90	
BACKFILLED, TIME: 0350	DATE: 3/13/90 BY: Pool
SURFACE ELEV.: 1276.50	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 1.0
										1		
										2		
										3		SILT, CLAYEY, BROWN to GREYISH BROWN
							ML/CL					w/ OCCASIONAL DARK BROWN CONCRETIONS, VERY
										4		STIFF TO HARD
												T-SU-SB207A 1930
										5		
1.0	Core	NA	6.5	6.5	E		ML	Opp		6		SILT, CLAYEY, SANDY, REDDISH BROWN MOTTLED
9W 3/14/90 ~~6.5~~												BLACK, LIGHT BROWN, MASSIVE, HARD
										7		
7.5												
										8		
										9		SILT, CLAYEY, SLIGHTLY SANDY, REDDISH BROWN
9.0							ML	Opp				BLOCKY, HARD
										10		T-SU-SB207B 2025

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO 207

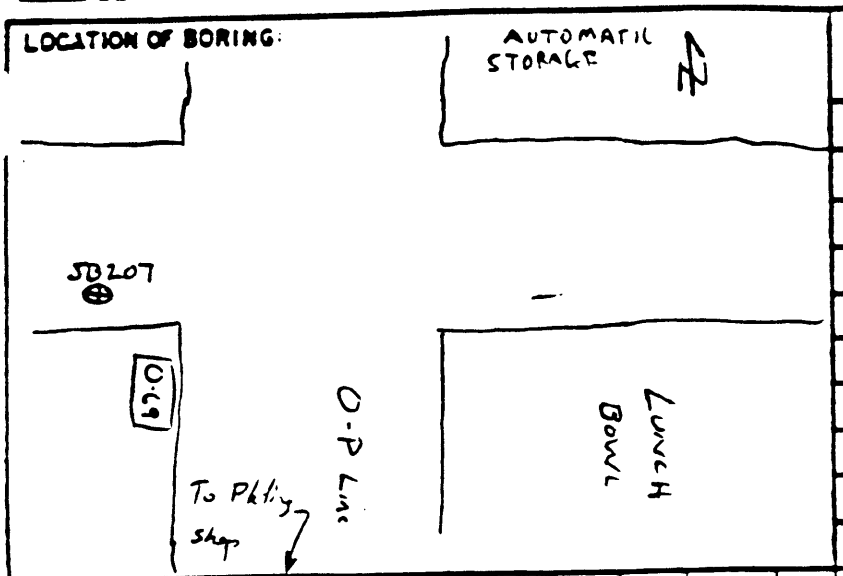
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D.RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
10.5							SM	0ppm		11		SAND, SILTY, CLAYEY, REDDISH BROWN, MOTTLED GREENISH GREY, FINE TO VERY FINE GRAINED, ROUNDED, CRUSS BEDDED
										12		HARD
										13		
										14		
15							SM	0ppm		15		SILT, CLAYEY, SLIGHTLY SANDY, REDDISH BROWN BLOCKY, HARD
										16		
										17		
										18		
7.0 18.0	CORE	NA	11	10	E		ML	0ppm				SILT, CLAYEY, SAME AS ABOVE
										19		T-SU-SB207C / T-SU-SB207X 2135
										20		
							SM	0ppm		21		SAND, SILTY, CLAYEY, GREENISH GREY and REDDISH BROWN, VERY FINE TO FINE GRAINED, WELL SORTED, ROUNDED, MASSIVE, BECOMES SANDSTONE, WEATHERED, SOFTENED, MOIST.
										22		
										23		
18.0 24.0	CORE	NA	6	3	G		SM	0ppm		24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB207
	TOTAL DEPTH: 22
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR. Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: GARDNER-DENVER ATV	
DRILLERS NAME: POOL	
SAMPLING METHODS: CONTINUOUS SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 2345	DATE: 3/12/90
COMPLETED, TIME: 0300	DATE: 3/13/90
BORING DEPTH (ft.)	22
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	18
TIME:	0235
DATE:	3/13/90
BACKFILLED, TIME: 0345	DATE: 3/13/90 BY: POOL
SURFACE ELEV.: 1276.50	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNO_3 SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 1.0 CRUSHED STONE and SOIL TO 1.5. (FILL)
										1		
2.5	SS	NA	2.5	2.0	VG		ML	0		2		SILT, CLAYEY, DARK GREENISH BROWN, MASSIVE, BECOMES LIGHTER BROWN, HARD @ 2.5
										3		
										4		SILT, CLAYEY, BROWN, MASSIVE WITH SMALL PEBBLES HARD
										5		T-SU-SB208A / T-SU-SB208V / T-SU-SB208Z 0115
										6		
2.5 8.0	SS	NA	5.5	5.0	E		ML/CL	0		7		SILT, CLAYEY, REDDISH BROWN, MOTTLED BLACK, MASSIVE HARD
										8		
										9		
										10		SILT, CLAYEY, REDDISH BROWN, W/ CHERT(?) HARD T-SU-SB208B 0155

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB208

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN	
8.0 12.0	SS	NA	4'	2.7	VG	NA	ML	0	
15	SS						ML	0	
12-22	CORE	NA	10	9.5	E	NA	SM	0	

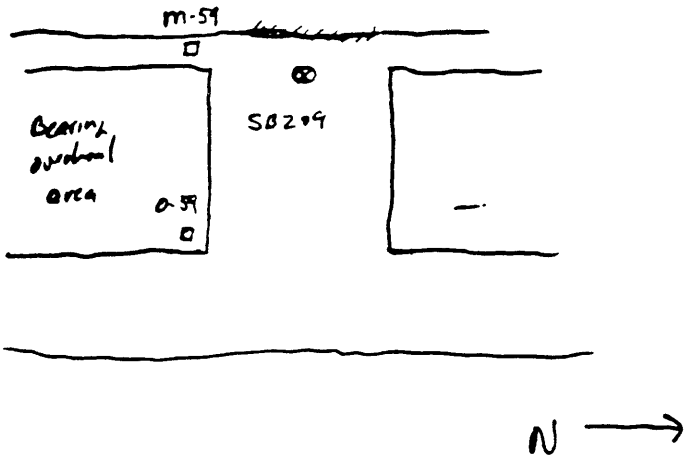
DEPTH	GRAPHIC LOG	
11		SILT, CLAYEY, SLIGHTLY SANDY WITH OCCASIONAL WHITE CHERT or AUTHEGENIC MINERALS HARD
12		
13		
14		
15		SILT, CLAYEY, SLIGHTLY SANDY, REDDISH BROWN, BREAKS HACKLY to BLOCKY, DRY
16		
17		
18		Driller reports water encountered @ ~18'
19		
20		SAND, SILTY, CLAYEY, REDDISH BROWN MOTTLED BLUISH GREEN, VERY FINE GRAINED, LAMINATED and CROSS LAMINATED, WELL SORTED, GRADES TO WEATHERED SANDSTONE, SLIGHTLY MICACEOUS, DAMP
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING: entrance to planing shop



PROJECT: TINKER AFB	BORING NO. SB 209
	TOTAL DEPTH: 22.1
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Gardner Denver MTV	
DRILLERS NAME: POOL	
SAMPLING METHODS: Continuous Split Spoon - Core barrel	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1737	DATE: 3/13/90
COMPLETED, TIME: 2015	DATE: 3/13/90

BORING DEPTH (ft.)	19	22.1
CASING DEPTH (ft.)	NA	NA
WATER DEPTH (ft.)	19	20
TIME:	1949	2020
DATE:	3/13/90	3/13/90

BACKFILLED, TIME: 2140 DATE: 3/13/90 BY: POOL

SURFACE ELEV.: 1276.52 DATUM: MSL

CONDITIONS: Inside Bld. 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												Concrete to 0.8'
										1		
2.0	SS						ML	500				SILT, CLAYEY, OCCASIONALLY SANDY, DARK BROWN
										2		MOTTLED LIGHT REDDISH BROWN WITH OCCASIONAL
												LIGHT BROWN WEATHERED ROCK FRAGMENTS (FILL?)
										3		T-SU-SB209A 1845
										4		HNu Background = 5 ppm
								7				
10 6.0	SS	NA	5	4	VG	ML/CL		0 ppm		5		SILT, CLAYEY, DARK BROWN MOTTLED REDDISH BROWN
										6		WITH OCCASIONAL BLACK MINERALS, STIFF
										7		
										8		
8.0	SS						ML	~~500~~ 50				SILT CLAYEY DARK BROWN MOTTLED REDDISH
										9		BROWN YELLOW WITH OCCASIONAL SANDY
												"LENSES" GENERAL MOTTLED APPEARANCE STIFF
										10		T-SU-SB209B 1900

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB109

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN	
6-11	SS	NA	5	2	G	NA	ML	300	
								60	
								30	
11-16	SS	NA	5	3	G	NA	SM	2	
18	SS							-	
16.0 22.0	SS	NA	6	12	P	NA	SM	400	

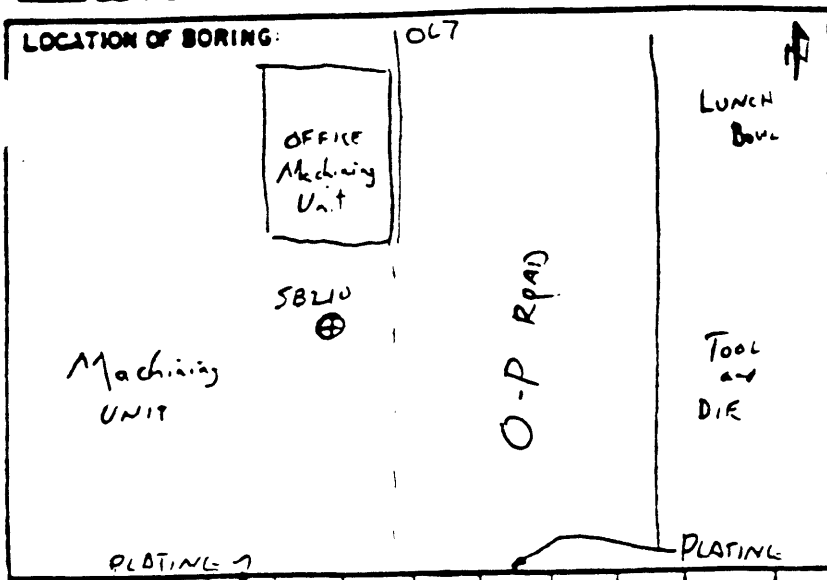
DEPTH	GRAPHIC LOG	
11		SILT CLAYEY, OCCASIONALLY SANDY, DARK GREENISH BROWN OR GREY BROWN MOTTLED REDDISH BROWN, DAMP, STIFF
12		
13		HNU Background = 6ppm
14		
15		SAND, SILTY, SLIGHTLY CLAYEY, REDDISH BROWN MOTTLED WHITE (RARELY), VERY FINE GRAINED
16		WELL SORTED, SOFT TO FIRM, MOIST at BOTTOM
17		
18		SAND, SAME AS ABOVE, MOIST
19		DRILLER REPORTS WATER ENCOUNTERED @ ~19'
20		T-SU-SB109C 2000
21		
22		SAND, SILTY, SLIGHTLY CLAYEY, REDDISH BROWN W/ BLACK MINERALS, VERY FINE TO FINE GRAINED, MODERATELY SORTED, MASSIVE, HARD to SOFT, GRADES TO SANDSTONE, WEATHERED SOFT, MOIST
23		
24		
25		DEPTH CORRECTION ON LAST RUN TO 22'
26		
27		
28		
29		
30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB210
	TOTAL DEPTH: 27
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: GARDNER-DENVER ATV	
DRILLERS NAME: POOL	
SAMPLING METHODS: CONTINUOUS SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 2305	DATE: 3/13/90
COMPLETED, TIME: 0320	DATE: 3/14/90
BORING DEPTH (ft.)	27
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	20
TIME:	0310
DATE:	3/14/90
BACKFILLED, TIME: 0405	DATE: 3/14/90 BY: POOL
SURFACE ELEV.: 1276.56	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HN_3 SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 0.8
										1		
										2		SILT CLAYEY DARK BROWN MOTTLED REDDISH BROWN, BLACK, w/ OCCAISIONAL CHERT? FRAGMENTS MASSIVE, VERY STIFF
2.0	SS						ML	200		3		
								20		4		
										5		T-SU-SB210A 1200
										6		SILT, CLAYEY, BROWN, WITH LIGHT BROWN CHERT(?) FRAGMENTS and BLACK (GOETHITE?) AUTHEGENIC MINERALS, VERY STIFF, DRY
2.0 7.0	SS	NA	5	5	E		ML/CL	0		7		
										8		
9.0								20		9		SILT, CLAYEY, YELLOWISH BROWN, MOTTLED REDDISH BROWN STIFF, MASSIVE, DRY
										10		T-SU-SB210B 1220

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB210

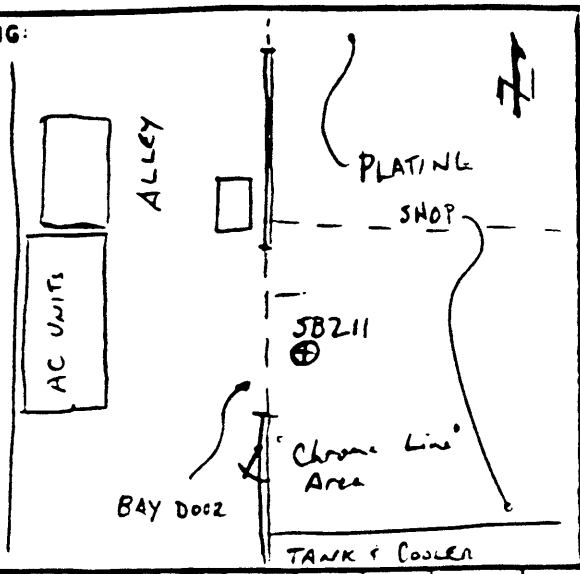
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN		DEPTH	GRAPHIC LOG	
70-12.0	SS	-	5	5	VG		ML	0		11		SILT, CLAYEY, REDDISH BROWN MOTTLED YELLOW, DRY MASSIVE, STIFF
										12		
										13		
										14		SILT, CLAYEY, REDDISH and YELLOWISH BROWN, WITH OCCASIONAL THIN BEDS OF SAND, FINEGRAINED SILTY, DRY, STIFF
										15		
12.0 17.0	SS		5	25	G		ML	5		16		
										17		
17.0 19.0	SS		2	2	E		ML	0		18		SILT, CLAYEY, REDDISH BROWN, MOTTLED GREENISH GREY DRY, STIFF, MASSIVE
										19		Begin Christensen Core T-SU-SB210C 0220
										20		
										21		Water encountered @ 21 SANDSTONE FINEGRAINED WELLSORTED SILT MATRIX REDDISH BROWN CROSS BEDDED IN PART WEATHERED
										22		
										23		
										24		
										25		
19.0 17.0	CORE		8	6	E		NA	0		26		SANDSTONE REDDISH BROWN, SAME AS ABOVE
										27		
										28		T.D 27
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB211
	TOTAL DEPTH: 21'
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Mobile Drill B-24 (SKID RIG)	
DRILLERS NAME: K. POOL	
SAMPLING METHODS: 0.35' augers / Shelby Tube	
HAMMER WT.: 140 lbs	DROP: 24"
STARTED, TIME: 1940	DATE: 3/17/90
COMPLETED, TIME: 2140	DATE: 3/17/90
BORING DEPTH (FT.)	21.0
CASING DEPTH (FT.)	NA
WATER DEPTH (FT.)	~17.6
TIME:	2144
DATE:	3/17/90
BACKFILLED, TIME: 2260	DATE: 3/18/90 BY: Pool
SURFACE ELEV.: 1276.57	DATUM: MSL
CONDITIONS: INSIDE Building 300	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 1.0' w/ REBAR (EXCAVATED w/ JACKHAMMER)
2.0 4.0	Grab	-	-	-	-		SM	0		1		
										2		SAND SLIGHTLY SILTY, CLAYEY, BROWN & GREY FINE GRAINED ROUNDED, MODERATELY SORTED MOIST, SOFT (FILL?)
										3		
4.0 5.5	ST	-	1.5	1.2	G		SM	0		4		SAND, SILTY, SLIGHTLY CLAYEY, GREY, FINE GRAINED, ROUNDED, MODERATELY SORTED, MOIST (PROBABLY FILL) CRUSHED STONE @ BASE
										5		TUBE REFUSED - BENT "MUSKY" ODOR
										6		T-SU-SB211A / T-SU-SB211Y 2000
5.5-9.0	Grab						SM	0		7		SAND GREY, WET, SAME AS ABOVE (FILL)
										8		
9.0 10.0	ST	-	1.0	0.8	G		ML	0		9		SAND, AS ABOVE, BECOMES SILT, SANDY, CLAYEY, REDDISH BROWN FINE GRAIN
										10		DRY, (NATURAL SOIL) T-SU-SB211B - COULD NOT SPLIT

-2030

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO 58211

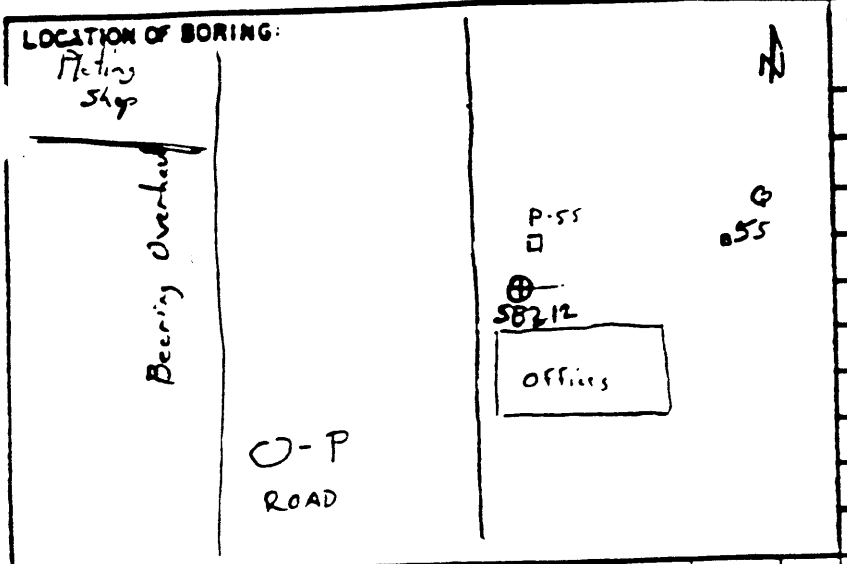
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D.RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
	GRAB						ML/SM	0		11		SILT, SANDY, CLAYEY, REDDISH BROWN FINE GRAINED, DRY
										12		
										13		
										14		
	GRAB						ML/SM	0		15		SILT, SANDY, CLAYEY, REDDISH BROWN, MOIST
										16		
										17		
										18		
19.5 -20	SS	25+	1.5	0.5	P	NA	SM	0		19		SAND, SILTY, CLAYEY, REDDISH BROWN, FINE TO MEDIUM GRAINED, SUBANGULAR TO SUBROUND, MODERATE TO POORLY SORTED, BUSSE BECOME HARD, WET, SPOON REFUSAL
										20		
										21		T-SU-SB211C 2140
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING: Plating Shop



PROJECT: TINKER AFB	BORING NO. SB212
	TOTAL DEPTH: 25
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: ~~FAILING~~ GARDNER-DENVER ATV	
DRILLERS NAME: K. POOL	
SAMPLING METHODS: CONTINUOUS SPLIT SPOON (5')	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 0910	DATE: 3/18/90
COMPLETED, TIME: 1400	DATE: 3/18/90
BORING DEPTH (ft.)	25'
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	21.5
TIME:	1406
DATE:	3/18/90
BACKFILLED, TIME: 2100	DATE: 3/18/90 BY: Pool
SURFACE ELEV.: 1276.59	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 0.6'
										1		SILT, CLAYEY, SANDY, REDDISH BROWN
0.6 2.0	SS	NA	2	2	VG		ML	0				SILT CLAYEY SANDY DARK BROWN MOTTLED
										2		REDDISH BROWN, TRACE CRUSHED STONE @ 1.0,
												VERY STIFF, DRY, (FILL)
										3		
	Grab						ML	0				SILT, SANDY, CLAYEY, REDDISH BROWN MOTTLED
										4		DARK BROWN, SAME AS ABOVE, (FILL)
										5		T-SU-SB212A / T-SU-SB212Y / 1030
												T-SU-SB212Z
										6		CLAY SILTY, DARK BROWN, W/ ROOT(?) CASTS
2.0 7.0	SS	NA	5	5	E		CL	0				"ORGANIC" ODOR, PROBABLY OLD TOPSOIL, FIRM,
										7		MOIST (NATURAL)
												CLAY AS ABOVE, THEN @ 8.0...
										8		
							ML	0				SILT, SANDY, CLAYEY, REDDISH BROWN MOTTLED
										9		YELLOWISH BROWN, VERY STIFF, DRY
										10		T-SU-SB212B 1040

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB212

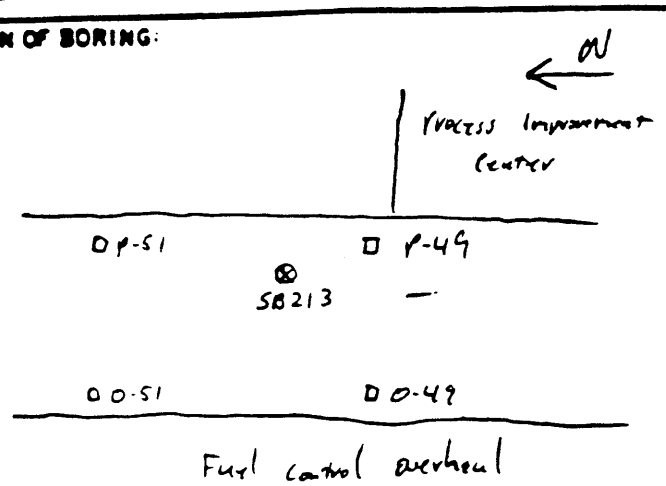
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN		DEPTH	GRAPHIC LOG	
7.0 12.0	SS	NA	5.0	4.0	VG	NA	ML	0		11		SILT, CLAYEY, SANDY, REDDISH BROWN MOTTLED YELLOWISH BROWN, DRY, HARD
										12		
										13		
										14		
										15		
	Grab						SM	0				PROBABLY SAND SILTY and WEATHERED SANDSTONE
										16		
										17		- ENCOUNTERED WATER AS PER DRILLER - SAND, SILTY, LIGHT REDDISH BROWN TO YELLOWISH BROWN, FINE TO MEDIUM GRAINED, ROUNDED,
17.0 18.5	SS	NA	1.5	0.4	P	NA	SM	0		18		WELL SORTED, MOIST TO WET, LOOSE; BELOWES SANDSTONE OF IDENTICAL COMPOSITION, WEATHERED,
										19		SOFT T-SU-SB212C 1150
										20		DRILLED TO 23' TO FACILITATE SAMPLING
										21		
										22		Boring dry after 1 hr. extended to 25'
										23		SAND SILTY REDDISH BROWN MOIST
										24		
										25		T.D. @ 25'
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB213
	TOTAL DEPTH: 25'
JOB NO.: 4M41	LOGGED BY: BAS140
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Gardner Denver ATV	
DRILLERS NAME: K. POOL	NX CORE /
SAMPLING METHODS: ~~2" Continuous Split Spoon~~ 18" split spoon	
HAMMER WT.: 140 lbs	DROP: NA JSB 10/8/91
STARTED, TIME: 1625	DATE: 3/18/90
COMPLETED, TIME: 1800	DATE: 3/18/90

BORING DEPTH (ft.)	25'		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	18.2		
TIME:	1902		
DATE:	3/18/90		

BACKFILLED, TIME: 2100 DATE: 3/18/90 BY: Pool

SURFACE ELEV.: 1276.51 DATUM: MSL

CONDITIONS: Inside Bldg 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												0-1 Concrete - broken w/ air hammer bit
										1		
										2		Drill w/ 4 3/4" Blade bit using air + water
										3		
										4		
										5		
5-6.5	SS	NA	1.5	1.5	G		CL/m	0		6		Clay, silty, red brown orange, stiff, damp grades to clay silt at base. T-SU-SB 213A 1710 moderately stiff black stains + nodules
										7		
										8		
										9		
										10		Not collected due to lack of sample ~~T-SU-SB 213B 1730~~ No recovery

JSB 10/8/91

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO. 4M41 | BORING NO. SB 213

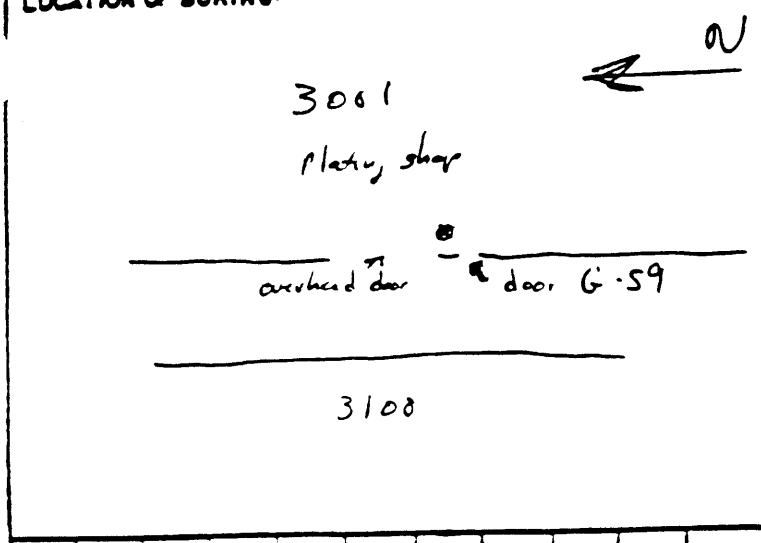
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
				1515	10/8	/91				11		Silt, red orange, clayey - sandy, soft, damp
10-11.5	SS	NA	1.5	0.1	P	NA	ML	0		12		
										13		
										14		Probably silt, as above
										15		gw 3/26/90
										16		
										17		
										18		
										19		
										20		T- SH-SB 213 B 1805
20-25	NX	NA	5	3	F	NA	ML	0		21		Silt, red brown, sandy zone damp in parts firm to hard, damp, micaceous
										22		
							SM			23		Sand, red-white orange, mottled, fine grained, silty hard, laminated
										24		
										25		TD = 25'
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB 214
	TOTAL DEPTH: 20
JOB NO.: 4M41	LOGGED BY: BASKID
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: MOBILE DRILL B-24	
DRILLERS NAME: Pool	
SAMPLING METHODS: Shelby Tube, split spoon	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 1851	DATE: 3/19/90
COMPLETED, TIME: 2145	DATE: 3/19/90

BORING DEPTH (ft.)	20		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	18'		
TIME:	2153		
DATE:	3/19/90		

BACKFILLED, TIME: 2250 DATE: 3/19/90 BY: Bol

SURFACE ELEV.: 1276.53 DATUM: MSL

CONDITIONS: Inside Bldg 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION	USCS	HNu SCAN (ppm)	DEPTH IN FEET	GRAPHIC LOG	
										0-0.8 CONCRETE w/ rebar broken w/ electric jackhammer
1-4	Grab	–	–	–	–	SC	0	1		Sand, tan-red-brown, fine grain sand sort, clayey, damp, soft (fill?)
								2		
								3		
4.5-6.5	ST	NA	2.0	2.0	G	CL/ML	0	4		Clay, brown, red-tan, stiff, sl damp, sandy, black staining + nodules white flecks, silty toward base
JSB 10/8/91								5		T-SU-SB214A 1915 5'
								6		
7.5-9.5	Grab	NA	–	–	–	CL	0	7		Clay, red brown, silty-sandy, mod stiff-soft, damp
								8		
9.5-10.5	ST	NA	1	.5	G	ML	0	9		Silt, red brown, clayey, soft-mod stiff, damp sandy in parts damp
JSB 10/8/91				JSB 10/8/91				10		ST pushed to refusal @ 10.5' T-SU-SB 214B 2040 10'

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB214

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D.RATE	USCS	HNu SCAN	
10.5 -15	Grab	-	-	-	-	-	ML	0	Silt, red brown, clayey, - sl sandy, soft - med stiff, moist.
19	Grab	-	-	-	-	-	SM	0	Driller indicates water at 19' Sand, red brown, orange, silty, soft, wet
20	SS	NA	0	0	-	-	-	-	Split spoon refusal at 20' No sample collected

DEPTH: 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

GRAPHIC LOG

TD 20'

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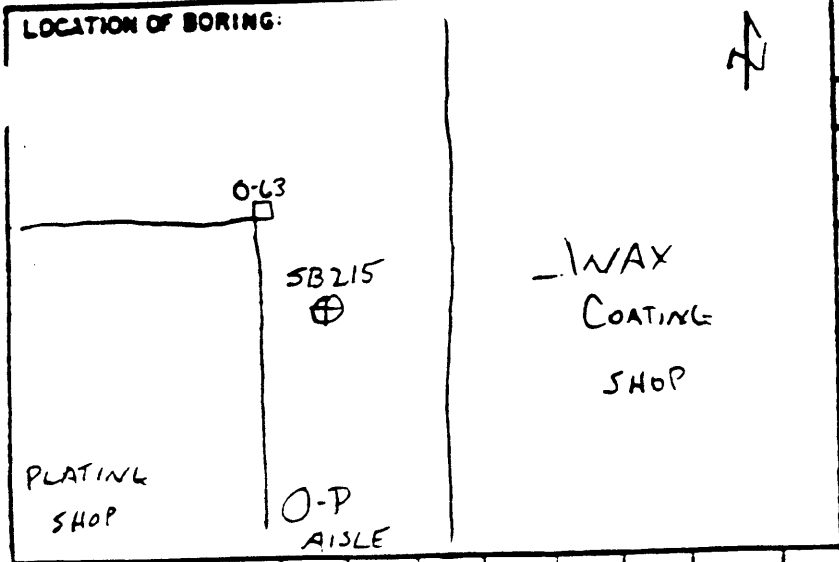
FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB215
	TOTAL DEPTH: 23
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR. Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: GARDNER DENVER ATV	
DRILLERS NAME: K. POOL	
SAMPLING METHODS: SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: —
STARTED, TIME 1902	DATE: 03/19/90
COMPLETED, TIME: 2023	DATE: 03/19/90

BORING DEPTH (ft.)	23	23	23
CASING DEPTH (ft.)	NA	NA	NA
WATER DEPTH (ft.)	18	17.8	18.3
TIME:	2100	2148	2224
DATE:	3/19/90	3/19/90	3/19/90

BACKFILLED, TIME: 2355 DATE: 3/19/90 BY: Pool

SURFACE ELEV.: 1276.56 DATUM: MSL

CONDITIONS: INSIDE BLDG 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HN_3 SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 0.8
										1		
										2		
										3		SILT CLAYEY, SLIGHTLY SANDY (FILL)
												REDDISH BROWN
										4		
												T-SU-SB215A / T-SU-SB215Y / T-SU-SB215Z 19
4.0-6.0	SS	NA	2	2	E		CL	0		5		CLAY, SILTY, BROWN, MOTTLED DARK BROWN,
												STIFF, MOIST (NATURAL)
										6		
										7		
										8		PROBABLY SILT CLAYEY
										9		
9.0-10.0	SS	NA	2	2	E		ML	0				SILT CLAYEY SLIGHTLY SANDY, REDDISH BROWN,
										10		VERY STIFF, DRY
												T-SU-SB215B

1945

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO SB215

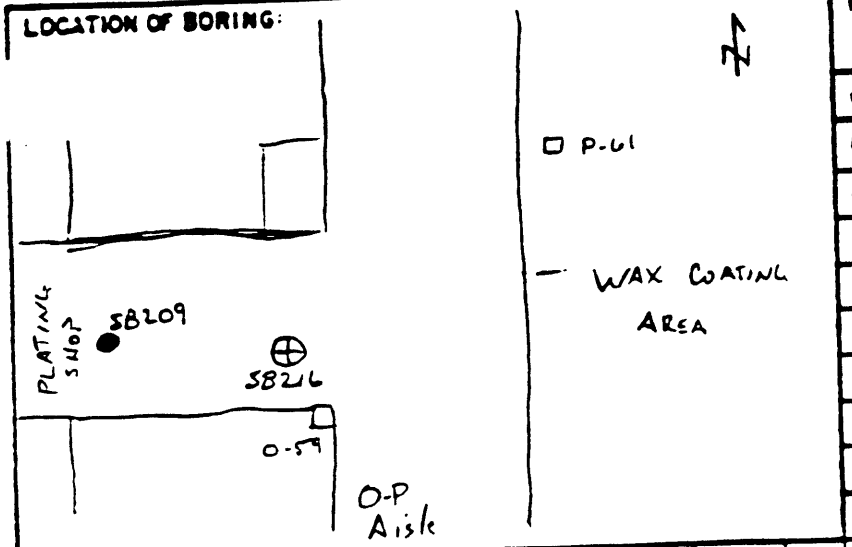
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
11	SS	-	2'	2	E	NA	ML	0		11		SILT CLAYEY, SLIGHTLY SANDY, REDDISH BROWN, VERY STIFF, DRY
										12		
										13		
										14		PROBABLY SILT CLAYEY AS ABOVE
										15		
										16		
										17		
							NA			18		SANDSTONE, REDDISH BROWN, SILTY CLAY MATRIX, FINE TO MEDIUM GRAINED, MODERATE TO WELL SORTED, ROUNDED, CROSS BEDDED,
										19		VERY BROKEN, MODERATE SOFT
										20		T-SU-SB215C 2035
17-22	CORE	NA	5	2.5	G	NA	NA	0		21		SANDSTONE, REDDISH BROWN SILTY CLAYEY
										22		MATRIX, SOME FINE MATRIX CONCENTRATED of BEDDING PLANES, CROSS BEDDED, FINE TO
										23		MEDIUM GRAINED, ROUNDED AS ABOVE, TRACE VUGGY POROSITY, POSSIBLE
										24		BEDDING PLANE POROSITY
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB216
	TOTAL DEPTH: 28'
JOB NO.: 4M41	LOGGED BY: J. Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Gardner-Denver ATV	
DRILLERS NAME: K. POOL	
SAMPLING METHODS: SPLIT SPOON and CORE	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1738	DATE: 03/20/90
COMPLETED, TIME: 2213	DATE: 03/20/90

BORING DEPTH (ft.)	28'		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	18.8		
TIME:	2255		
DATE:	3/20/90		

BACKFILLED, TIME: 0058 DATE: 3/20/90 BY: Pool

SURFACE ELEV.: 1276.53 DATUM: MSL

CONDITIONS: INSIDE BUILDING 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 0.9
										1		CRUSHED STONE BACKFILL and...
							ML			2		SILT CLAYEY BROWN, STIFF, DRY (FILL)
										3		
							CL	0		4		Clay, grey black-tan, stiff, sl damp Silty, white flecks + nodules towards bar.
										5		T-SU-SB 216 A 1915 5'
												-mod stiff
2.7	SS	NA	5	5	G		ML	0		6		Clay red brown, stiff sl damp silty
										7		
										8		
7.9	ST	NA	2	2	E			0		9		T-SU-SB 216 E 1925 7-9'
												SILT, CLAYEY BROWN w/ TRACE CHERT(?)
										10		VERY STIFF, DRY T-SU-SB216B 200
												T-SU-SB216X <000

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: NO 4M41 BORING NO SB216

TINKER AFB

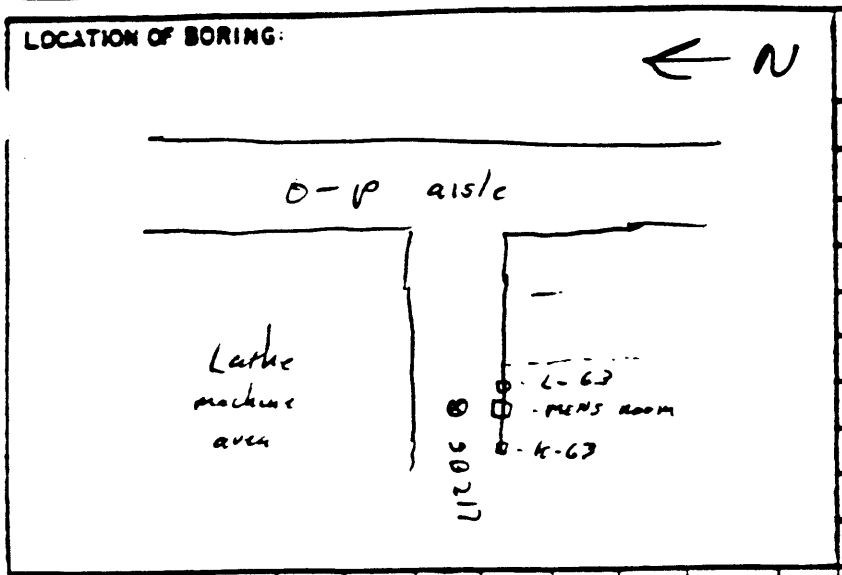
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU SCAN		DEPTH	GRAPHIC LOG	
										11		
										12		
										13		- SILT, CLAYEY, REDDISH BROWN, MASSIVE, HARD DRY, OCCAISIONAL PEBBLE-SIZED WEATHERED CHERT? OR GRAVEL.
9.0 14.0	SS	NA	5	5	E	NA	ML	0		14		
										15		
										16		
										17		DRILLED W/ AUGER TO 17' SWITCH TO AIR/MUD CORING
										18		SILT, SANDY, CLAYEY REDDISH BROWN BECOMES SAND, CLAYEY, SILTY, FINE TO MEDIUM GRAINED, MOIST, GRADING TO WEATHERED SANDSTONE
										19		
										20		T-SU-SB216C / ~~T-SU-SB216X~~ GW 3/26/90 2120
										21		
										22		SANDSTONE MEDIUM TO FINE GRAINED, ROUNDED, CROSS BEDDED, WHITE and REDDISH BROWN, OCCAISIONAL OPAQUE MNRLS, NUMEROUS SOFTENED BEDDING SURFACES and SUBVERTICAL FRACTURES. ~~CONGLOMERATIC~~ GW 3/20/90 BRECCIATED SEQUENCE @ BASE OF CORE W/ CLASTS OF FINE GRAINED SANDSTONE and SILTSTONE. SOLUTION FEATURES ON BEDDING SURFACES OF GYPSUM
17.0 -23.0	CORE	NA	6	3	G	NA	NA	0		23		
										24		
										25		
										26		PROBABLY SANDSTONE AS ABOVE
										27		
										28		AIRDRILLED TO 28' TO ACCOMODATE WELL
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB 217
	TOTAL DEPTH: 25
JOB NO.: 4M41	LOGGED BY: BASILIO
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Mobil Drill B-24	
DRILLERS NAME: POOL	
SAMPLING METHODS: SHELBY TUBE / SPLIT SPOON	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME 1853	DATE: 3/20/90
COMPLETED, TIME: 0000	DATE: 3/21/90

BORING DEPTH (ft.)	25		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	215		
TIME:	0030		
DATE:	3/21/90		

BACKFILLED, TIME: 0022 DATE: 3/21/90 BY: Pool

SURFACE ELEV.: 1276.49 DATUM: MSL

CONDITIONS: Inside Bldg 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												0-0.8 CONCRETE
1-4.5	Grab	-	-	-	-		CL	0		1		
										2		Clay, dark red brown, silty, soft, damp slightly sandy (fill ?)
										3		
										4		
4.5-5.5	ST	NA	1	1	G		ML	0		5		Silt red brown - tan, clayey, stiff, dry - sl damp v silty - sl sandy at base turning gray is silty/sandy zone sand is v f grn sl micaceous
										6		T-SU-SB 217A 2050 5'
										7		
5.5-10.0	Grab	-	-	-	-	-	ML	0		8		Silt red brown, clayey soft - mod stiff sl damp
										9		
										10		T-SU-SB 217B 2125 10'

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: TINKER AFB | NO. 4M41 | BORING NO. 217

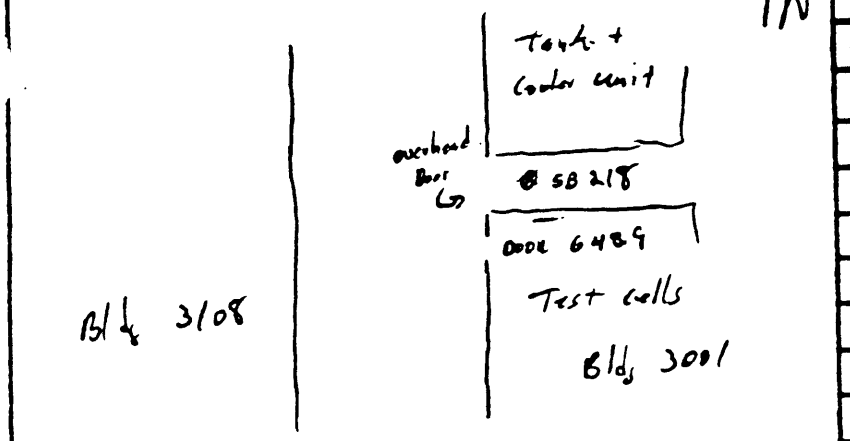
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		10.-10.3
10-11	SS	NA	1	1	F-P	NA	ML	0				Clay, red brown, silty, soft, moist
										12		10.3-11
												Silty red brown, black mottling, soft - brittle, highly fractured, damp
										13		v silty-clayey, v f grn sand towards base
										14		
11-15	Grab	-	-	-	-	-	ML	0				
										15		Silt, red brown, stiff dry-damp, sandy in parts, interbedded w/ v f grn ss.
										16		
15-19	Grab	-	-	-	-	-	ML	0				
										17		Silt, red brown, stiff-mod stiff, dry-damp, clayey.
										18		
										19		
19.5-20.5	SS	NA	1	1	F	NA	ML	0				Silt, red-brown, stiff dry, sl sandy, brittle highly fractured
										20		T-SA-SB 217C 232J 20'
										21		
										22		
22.5-25	Grab	-	-	-	-	-	SM/ML	0				
										23		Driller indicates water @ 23'
												Sand red brown, soft, wet, v silty - sl clayey v f grn sand
										24		
										25		TD 25.0'
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO: SB218
	TOTAL DEPTH: 25.5
JOB NO.: 4M41	LOGGED BY: DAS/LLD
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: GARDNER DENVER A7U	
DRILLERS NAME: POOL	
SAMPLING METHODS: SPLIT SPOON / CORE BARREL	
HAMMER WT.: 140 lbs	DROP: NA
STARTED, TIME: 1735	DATE: 3/21/90
COMPLETED, TIME: 2000	DATE: 3/21/90

BORING DEPTH (ft.)	25.5		
CASING DEPTH (ft.)	NA		
WATER DEPTH (ft.)	–		
TIME:	–		
DATE:	–		

BACKFILLED, TIME: 2345 DATE: 3/21/90 BY: POOL

SURFACE ELEV.: 1276.67 DATUM: MSL

CONDITIONS: INSIDE BLDG 3001

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNu SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												0-0.8 Concrete - broken w/ air hammer bit
0.8-5	–	–	–	–	–	–		0		1		Sand, brown-tan, f-med grain, clayey, unconsolidated, damp. Fill material
										2		
										3		
										4		T-SU-SB218X 1900 5'
												T-SU-SB218A 1900 5'
5-6.5	SS	NA	1.5	1.5	G		CL	0		5		5-5.5 A/A more clayey about change
										6		Clay, red brown, black mottling + nodules, silty, v stiff, sl damp
										7		
										8		
10-11.5	SS	NA	1.5	0	P		–	–		9		No 10 sample collected 0% recovery
										10		

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: NO 4M41 BORING NO. SB 218

TINKER AFB

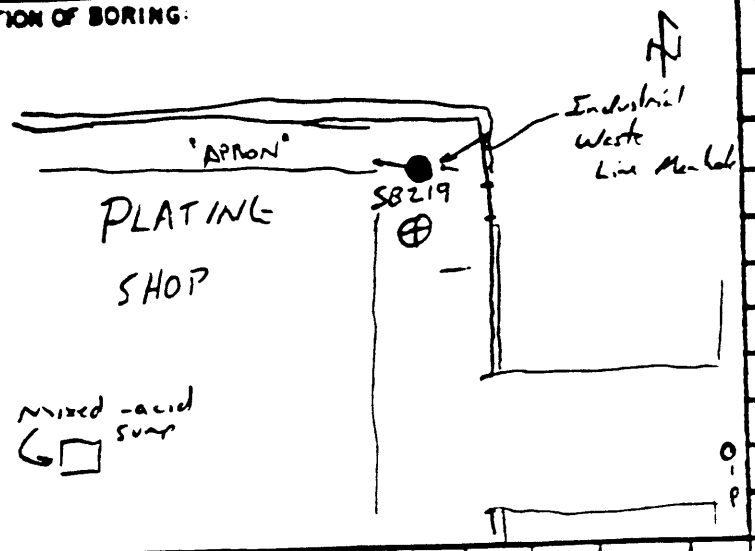
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		
										12		
										13		
4.5 16	Grab	–	–	–	–	–	ML	0		14		Probably silt, red brown, silty-clayey
										15		
										16		
										17		
										18		
										19		T-$4-$B218 B 2010 20'
												T-$4-$B218 X, Y 2010 20'
										20		Stomp
20-25	Core	NA	5	4	G	–	SM	0				Sand Dark red brown, med grained
										21		sl friable, laminated, moist
										22		
							ML	0				Silt, red brown, sandy, moist, crumbly
										23		clayey at base JSB 10/8/91
							SM	0				Sand, Stomp tan-red, f-~~med~~ grain, very silty
										24		laminated micaceous moist, crumbly
										25		
										26		TD 25.5'
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: TINKER AFB	BORING NO. SB219
	TOTAL DEPTH: 2.1
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: POOL DRILLING	
DRILL RIG TYPE: Mobile Drill B-24	
DRILLERS NAME: POOL	
SAMPLING METHODS: —	
HAMMER WT.: 140 lbs	DROP: —
STARTED, TIME: 1705 1710	DATE: 03/21/90
COMPLETED, TIME: 1904	DATE: 03/21/90
BORING DEPTH (ft.) 2.1	
CASING DEPTH (ft.) —	
WATER DEPTH (ft.) —	
TIME: —	
DATE: —	
BACKFILLED, TIME: 2350	DATE: 3/21/90 BY: Pool
SURFACE ELEV.: 1276.55	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

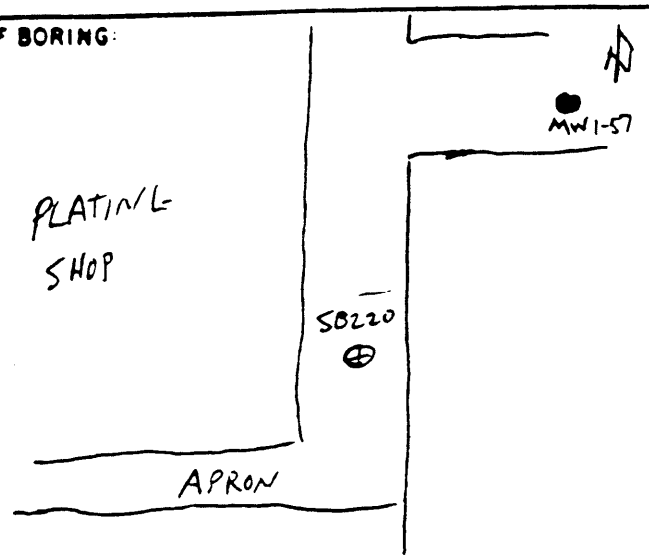
SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET DRIVEN	FEET RECOVERED	SAMPLE CONDITION		USCS	HNO_3 SCAN (ppm)		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE TO 0.9
										1		CRUSHED STONE BACKFILL
										2		CONCRETE and RESTEEL (up to 1")
										3		ABANDONED HOLE - COULD NOT PENETRATE PAST/AROUND IT
										4		
										5		
										6		
										7		
										8		
										9		
										10		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: Tinker AFB	BORING NO. SB220
	TOTAL DEPTH
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: Pool Drilling	
DRILL RIG TYPE: Mobile Drill B-24 (SKIDDER)	
DRILLERS NAME: G. Pool	
SAMPLING METHODS: SHELBY TUBE	
HAMMER WT.: 140 lbs	DROP: —
STARTED, TIME: 2000	DATE: 3/20/90
COMPLETED, TIME: 2200	DATE: 3/21/90
BORING DEPTH (ft.): 20	
CASING DEPTH (ft.): NA	
WATER DEPTH (ft.): 14	
TIME: 2050	
DATE: 3/21/90	
BACKFILLED, TIME: 2350	DATE: 3/21/90 BY: Pool
SURFACE ELEV.: 1276.51	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	FEET ~~INCHES~~ DRIVEN	FEET ~~INCHES~~ RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	H/N Scan		DEPTH IN FEET	GRAPHIC LOG	
												CONCRETE
										1		CRUSHED STONE BACKFILL
										2		CONCRETE W/ REBAR
	GRAB						SM	O		3		SAND BROWN MEDIUM GRAINED, DAMP, LOOSE (FILL)
										4		
										5		T-SU-SB220A 2030
5.0 7.0	ST	NA	2.0	0.7	G	NA	SM	O		6		SAND, SILTY, BROWN, WELL SORTED, ROUNDED MEDIUM GRAINED, LOOSE W/ OCCASIONAL
										7		CLAY, DARK BROWN, SILTY (FILL)
										8		
										9		
										10		T-SU-SB220B 2050

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4M41 | BORING NO 220

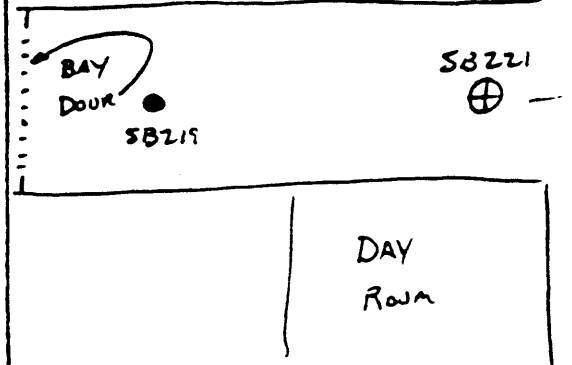
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNu SCAN		DEPTH	GRAPHIC LOG	
										11		FILL/NATURAL @ 10.5'
10-11.5	SS	—	1.5	1.0	G	NA	SM	0				SAND SILTY SLIGHTLY CLAYEY MOTTLED RED-YELLOWISH BROWN, FINE GRAINED, WELL SORTED, ROUNDED, DRY
										12		(NATURAL SOIL)
										13		
							ML					SILT CLAYEY SLIGHTLY SANDY DRY VERY STIFF
										14		DRILLER SUSPECTS WATER @ ~14'
										15		
15	G						SM					SAND, SILTY, BROWN TO RED BROWN, MEDIUM GRAINED, WELL SORTED, MOIST
										16		
										17		
										18		
19	G						SM					SAND, SILTY, BROWN AS ABOVE, MOIST
										19		
20	SS	—	1.5	1.5	VG	-	SM	0				SAND SILTY BROWN TO REDDISH BROWN MEDIUM GRAINED, MODERATE-WELL SORTED, ROUNDED, WET
										20		
										21		T-SU-SB220C 2100
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

NUS CORPORATION

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING: TANK & COOLER



PROJECT: Tinker AFB	BORING NO. 221
	TOTAL DEP
JOB NO.: 4M41	LOGGED BY: Wedekind
PROJ. MGR.: Wedekind	EDITED BY: Wedekind
DRILLING CONTRACTOR: Pool	
DRILL RIG TYPE: Garner-Denver ATV	
DRILLERS NAME: G. Pool	
SAMPLING METHODS: SPLIT SPOON	
HAMMER WT.: ~~1720~~ 140	DROP: NA
STARTED, TIME: 1720	DATE: 03/22/90
COMPLETED, TIME: 1840	DATE: 03/22/90
BORING DEPTH (ft.)	27
CASING DEPTH (ft.)	NA
WATER DEPTH (ft.)	18'
TIME:	1850
DATE:	3/22/90
BACKFILLED, TIME: 1955	DATE: 03/22/90 BY: Pool
SURFACE ELEV.: 1276.62	DATUM: MSL
CONDITIONS: INSIDE BLDG 3001	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	USCS	HNu Scan		DEPTH IN FEET	GRAPHIC LOG
											CONCRETE
										1	CRUSHED STONE BACKFILL
										2	CONCRETE
3	G						ML			3	SILT CLAYEY, DARK GREY BROWN, STIFF, DAMP
										4	
										5	
5.5	SS	NA	1.5	1.5	G	NA	CL	0		6	Clay, dark grey brown, mod stiff, damp sl silty, T-SU-SB221A 1750 5'
										7	
										8	
										9	
										10	T-SU-SB221B 1800

NUS CORPORATION

FIELD LOG OF BORING (CONTINUED)

PROJECT: TINKER AFB | NO 4A41 | BORING NO SB221

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND	D RATE	USCS	HNU		DEPTH	GRAPHIC LOG	
10-11.5	SS	NA	1.5	0.5	F	NA	ML	0		11		SILT, CLAYEY SLIGHTLY SANDY, REDDISH BROWN TO ORANGE, SLIGHTLY MICACEOUS, STIFF, SOME BLACK MOTTLING
										12		
										13		
										14		
15.0-16.5	SS	NA	1.5	0.4	F	NA	ML	0		15		SILT, CLAYEY, SLIGHTLY SANDY, RED TO ORANGE BROWN, SOFT, DAMP
										16		
										17		
										18		SILT, CLAYEY AS ABOVE
										19		
20.0-21.5	SS	NA	1.5	1.0	G	NA	SM/ML	0		20		SAND, VERY SILTY, SLIGHTLY CLAYEY, RED TO ORANGE BROWN, SOFT, VERY FINE GRAINED GRADES TO SILT.
										21		
										22		
										23		AIR DRILL TO 27'
										24		SAND, SILTY, ORANGE BROWN AS ABOVE
										25		ENCOUNTERED GROUND WATER AS PER DRILLER
										26		
										27		
										28		
										29		
										30		

APPENDIX A-2

MONITORING WELL CONSTRUCTION, DEVELOPMENT AND SAMPLING FORMS

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NUS CORPORATION

Monitoring Well 1-55

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4M41 | PROJECT MANAGER: Wedekind

LOGGED BY: Wedekind | EDITED BY: Wedekind

WELL NAME: I-55 (SB 116) REC 10/91 | DATE: 03/08/90

DRILLING COMPANY: POOL

EQUIPMENT: ☐ 7½ INCH HOLLOW STEM AUGER | DRILLER: K. POOL

☐ ____ INCH ROTARY WASH | HOURS DRILLED: 2

GALLONS OF WATER USED DURING DRILLING: NONE GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: Bailing

DEVELOPMENT BEGAN DATE: 3/10/90 TIME: 0900

YIELD:	TIME:	DATE:
~2.5 GPM	FROM 0800 TO 1345	3/10/90
~2.5 GPM	FROM 1106 TO 1122	3/11/90
GPM	FROM TO	
GPM	FROM TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: 45 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☒ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☒ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☐ OTHER ____

DEPTH TO WATER AFTER DEVELOPMENT: DRY (20) FEET

MATERIALS USED

2 SACKS OF 20/40 Silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

NA SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

10 FEET OF 2 INCH ~~PVC~~ SW BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SW SLOTTED SCREEN

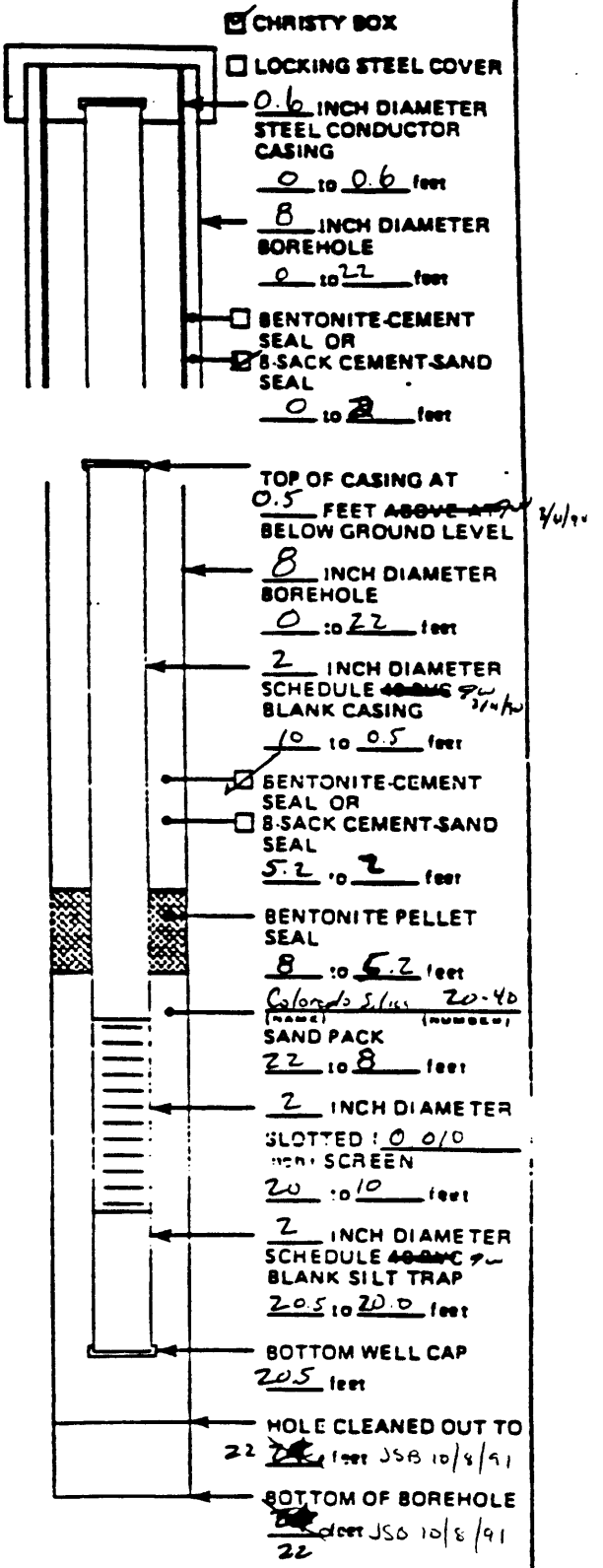
NA YARD³ CEMENT-SAND (REDI-MIX) ORDERED

NA YARD³ CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☐ NO ☒ YES

NAME NA

WELL COVER USED: ☐ LOCKING STEEL COVER ☒ CHRISTY BOX ☐ OTHER ____



NOT TO SCALE

ADDITIONAL INFORMATION:

STAINLESS STEEL SCREEN and RISER SCHEDULE 5S INSTALLED IN SB201

NUS CORPORATION

Well Number 1-55 / SB116 PEG 10/91

WELL DEVELOPMENT FORM

Stick-Up (feet)	-0.47
Static Water Level Before Purging (feet)	10.7'
Total Depth (feet)	20.47 BTOC
Height of Water Column	9.77
Inside Diameter of Well (inches)	2 (.167)
Volume ($V = \pi r^2 h[7.48]$) (gallons)	6.4 gallons

Well Development Notes:

Date	03/10/90
Time	0816
Method	s.s. bailer
Developed By	J Wedekind

Notes (HNu readings, volume removed, water clarity, etc.):

3/10/90 0816 - Initial HNu @ well head 1.5 ppm

0821 - Initial water muddy Temp 18.8°C pH - 8.88 SC - 540
red brown w/ sheen

0830 Remove 5 gallons - slight oil sheen - possibly from street runoff into well or TCE?

0834 well bailed dry total purge @ 7.5 gallons

0924 Removed another 4 gallons. Water very cloudy, reddish brown - less sheen

1007 water muddy red brown Temp 18.9°C pH 7.93 SC - 750

1012 Removed 5 additional gallons (14 total) well dry allowed to recharge.

1030 Removed 6 ~~5~~ 17 add. gallons ~~(19~~ 20 total) well dry; allowed to recharge

1058 Removed 5 add. gallons (25 total) well dry; allow for recharge.

1332 Removed 10 add. gallons water cloudy.

3/11/90 - 1125 Removed 10 gallons. Water initially clear - then cloudy.

Date	3/11/90
Time	1453
Method	s.s. bailer
Developed By	J Wedekind

Notes (HNu readings, volume removed, water clarity, etc.):

- No HNu readings
- Removed 45 gallons
- Water initially muddy, reddish brown. Water now cloudy at bottom but initially clear.
- Water discharged to grassed area away from asphalt.

Job Number 4M41
Site Tinker AFB

NUS CORPORATION

Well Number 1-55 / SB116 PEG 10/91

SAMPLE # T-GW-MW155A

WELL SAMPLING FORM

Stick-Up (feet)	-0.47
Static Water Level Before Purging (feet)	11.1
Total Depth (feet)	20.0
Height of Water Column	8.9
Inside Diameter of Well (inches)	2" (0.17')
Volume ($V = \pi r^2 h[7.48]$) (gallons)	6 gallons

Purging Notes: Well dry after ~2 well volumes. Considered purged, as per work plan. Optional

1st Volume
pH 7.92 SC 780 Temp.°C 18.8 Time 1106 Water Level 11.1

2nd Volume
pH 7.96 SC 660 Temp.°C 18.2 Time 1112 Water Level – WELL DRY

3rd Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

4th Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

5th Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

Purging Date	3/11/90
Purging Time From	1106 to 1122
Purging Method	s.s bailer
Discharge Rate	< 2.5 gpm
Purged By	J. Wedekind

Sample Notes: Initial water clear, become slightly cloudy. No problems
NNU = Open, no odor or floating product observed.
Skies clearing, temperature 61°F.

Date Sampled	03/11/90
Sampled By	J. Wedekind

Time 1630 pH 7.59 SC 780 Temp.°C 17.3 Color very light reddish brown

J. Wedekind

Job Number 4M41
Site TAFB

NUS CORPORATION

Monitoring Well 1-56

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4M31 | PROJECT MANAGER: Wedekind

LOGGED BY: L Basilio | EDITED BY: Wedekind

WELL NAME: I-56 | DATE: 3/8/90

DRILLING COMPANY: POOL

EQUIPMENT: ☒ 7 1/2 INCH HOLLOW STEM AUGER | DRILLER: R Pool

☐ ____ INCH ROTARY WASH | HOURS DRILLED: 2.5

GALLONS OF WATER USED DURING DRILLING: N/A GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: Bailing

DEVELOPMENT BEGAN DATE: ~~0900~~ 3/10/90 TIME: 0900

YIELD:	TIME:	DATE:
~2.0 GPM 2/9/90	FROM 0900 TO 1045	3/10/90
GPM	FROM TO	
GPM	FROM TO	
GPM	FROM TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: 10 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☒ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☒ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☐ OTHER ____

DEPTH TO WATER AFTER DEVELOPMENT: DRY (20) FEET

MATERIALS USED

2.5 SACKS OF 20/40 silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

N/A SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

10 FEET OF 2 INCH ~~PVC~~ BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SLOTTED SCREEN

10.

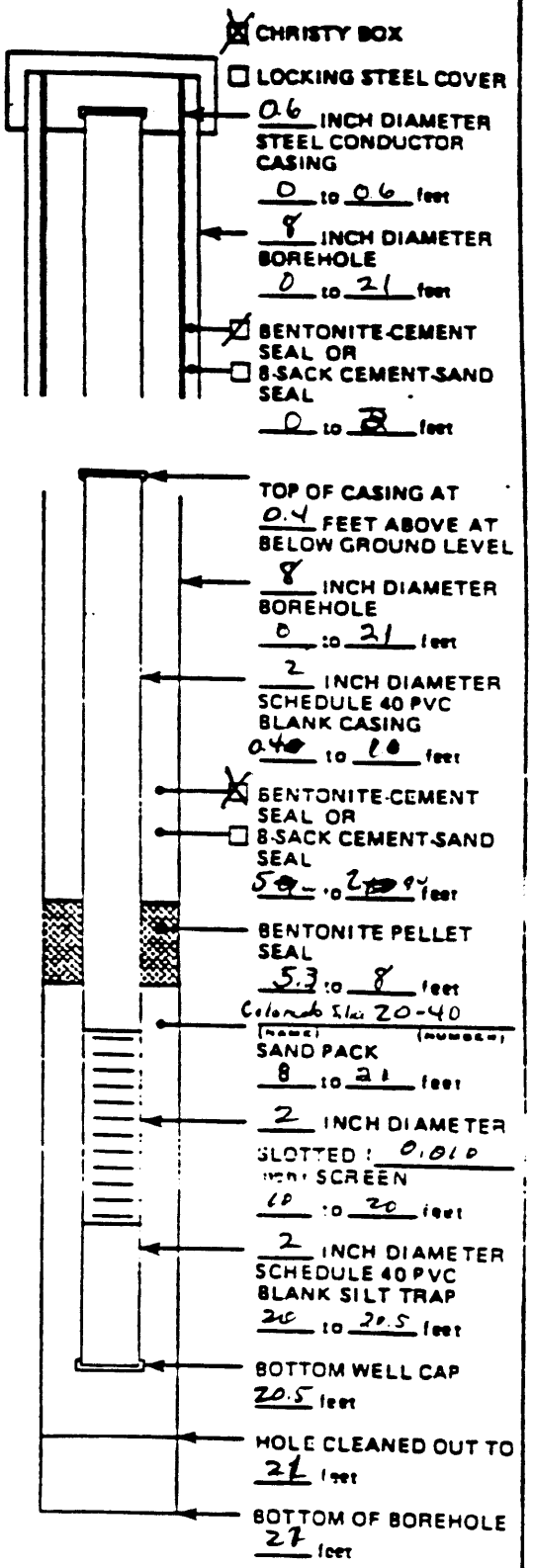
NA YARD^3 CEMENT-SAND (REDI-MIX) ORDERED

NA YARD^3 CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☒ NO ☐ YES

NAME NA

WELL COVER USED: ☐ LOCKING STEEL COVER ☒ CHRISTY BOX ☐ OTHER ____



NOT TO SCALE

ADDITIONAL INFORMATION: STAINLESS STEEL

Insert rms w/ @ 10' augers, still in hole. Add filter pack to 14' then remove augers add filter pack

INSTALLED IN SB206

NUS CORPORATION

Well Number SB206/1-56

WELL DEVELOPMENT FORM

Stick-Up (feet)	0.4'
Static Water Level Before Purging (feet)	16.65' BTOC
Total Depth (feet)	20.2'
Height of Water Column	3.55
Inside Diameter of Well (inches)	2
Volume (V = $\pi r^2 h$[7.48]) (gallons)	gw 3/11/90 ~~2.579~~ gallons 2.4

Well Development Notes:

Date	03/10/90
Time	0910
Method	2" stainless bailer (deconned)
Developed By	Wedekind

Notes (HNu readings, volume removed, water clarity, etc.):

3/10/90 0900 Initial HNu reading at well head 1 ppm

0925 pH reading 7.90

Temp 20.9 c

Conductance 1000 um

0933 Remove aprox. 1.5 gallons. Well bailed dry.

1045 Remove aprox. 1.5 gallons (Total 3 gall). Well bailed dry; allowed to recharge.

~~1058 Remove aprox. 27~~

3/11/90 Removed 1.5 gallons - well dry

Date	03/11/90
Time	1458
Method	s.s. bailer
Developed By	Wedekind

Notes (HNu readings, volume removed, water clarity, etc.):

- HNu = 0ppm - 1ppm
- Removed ~10 gallons total
- Water initially clear, then becomes cloudy w/ reddish brown silt

Job Number 4M141

Site Tinker AFB

NUS CORPORATION

Well Number 1-56

SAMPLE # T-GW-MW156A

WELL SAMPLING FORM

Stick-Up (feet)	-0.4'
Static Water Level Before Purging (feet)	16.4
Total Depth (feet)	20.0
Height of Water Column	3.6
Inside Diameter of Well (inches)	2" ~~0.17~~ (0.17')
Volume (V = $\pi r^2 h$[7.48]) (gallons)	2.4 gallons

Purging Notes: Well is dry after removing one volume. Considered purged. Optional

1st Volume *
pH 8.86 SC 860 Temp.°C 19.3 Time 1809 Water Level -

2nd Volume *
pH 8.89 SC 900 Temp.°C 18.7 Time 1811 Water Level -

3rd Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

4th Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

5th Volume
pH ____ SC ____ Temp.°C ____ Time ____ Water Level ____

Purging Date	3/11/90
Purging Time From	0818 to 0823
Purging Method	S.S. bailer
Discharge Rate	< 2.5 gpm
Purged By	L. Basilio

Sample Notes: Clearing skies, temp. 60°F
Water clear initially became slightly cloudy to cloudy
Well went dry after filling VOCs, Metals, Cyanide and ½ BNAs.
pH value is suspect. HNu = 0ppm - no odor or sheen to water
Completed sampling @ 1820.

Date Sampled	03/11/90
Sampled By	J. Wakkind

Time 1645 pH 9.30 SC 870 Temp.°C 19.1 Color Light red brown

* Extra readings during sampling

Job Number 4M41
Site TAFB

NUS CORPORATION

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4M41 | PROJECT MANAGER: Wedekind

LOGGED BY: Wedekind | EDITED BY: Wedekind

WELL NAME: 1-57 (SB216) | DATE: 03/20/90

DRILLING COMPANY: POOL DRILLING

EQUIPMENT: ☑ 7 3/4 INCH HOLLOW STEM AUGER | DRILLER: K. Pool

☐ 5 INCH ROTARY ~~WASH~~CORE | HOURS DRILLED: 5.5

GALLONS OF WATER USED DURING DRILLING: ~ 50 GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: AIR LIFT / BAILING

DEVELOPMENT BEGAN DATE: 3/21/90 TIME: 1917

YIELD:	TIME:	DATE:
~ 3 GPM	FROM 2000 TO 2200	3/21/90
GPM	FROM TO	
GPM	FROM TO	
GPM	FROM TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: ~ 50 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☑ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☐ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☑ OTHER IWTP

DEPTH TO WATER AFTER DEVELOPMENT: DRY FEET

MATERIALS USED

2 3/4 SACKS OF 20-40 Colorado Silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

NA SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

15 FEET OF 2 INCH ~~PVC~~ BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SLOTTED SCREEN

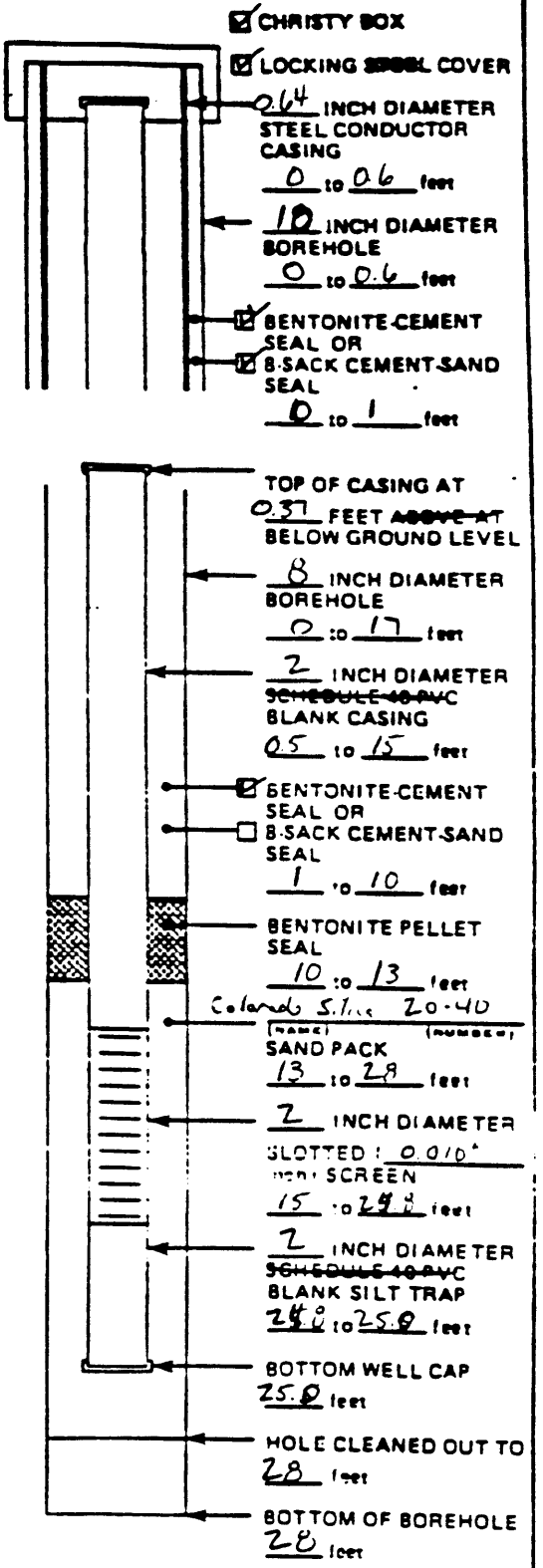
NA YARD^3 CEMENT-SAND (REDI-MIX) ORDERED

NA YARD^3 CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☑ NO ☐ YES

NAME

WELL COVER USED: ☑ LOCKING ~~STEEL~~ COVER ☑ CHRISTY BOX ☐ OTHER



NOT TO SCALE

ADDITIONAL INFORMATION:

STAINLESS STEEL WELL

MATERIALS - SCHEDULE 5$

NUS CORPORATION

Well Number MW-21B (3B17)

MW-1-57

WELL DEVELOPMENT FORM

Stick-Up (feet)	-0.20 below floor
Static Water Level Before Purging (feet)	17.70
Total Depth (feet)	25.00
Height of Water Column	8.30
Inside Diameter of Well (inches)	2"
Volume ($V = \pi r^2 h[7.48]$) (gallons)	3.20 gals

Well Development Notes:

Date	3/21/90
Time	2000
Method	S/S bailer
Developed By	R Vance

Notes (HNu readings, volume removed, water clarity, etc.):

	PH	S.C	Temp	
1st	5.2	840	24.5	Very turb. Rust color @ 3 gals
2nd	7.10	830	23.5	Slightly turb. light Rust color @ 25 gals
3rd.	7.15	8.25	23.5	Slightly turb light Rust color @ 40 gals

I observed clear ground water from this well at 2245 on 3/21/90. Declared this well developed properly.

[signature] 3/22/90

Date	3/21/90
Time	2130
Method	S/S Bailer
Developed By	RVance

Notes (HNu readings, volume removed, water clarity, etc.):

2200 water @ 17.94 Clear No turbidity

Job Number 4M41

Site Tinker AFB

NUS CORPORATION

SAMPLE LOG SHEET

Page 1 of 1

- [x] Monitoring Well Data
- [ ] Domestic Well Data
- [ ] Other _____

Case # 4M41

By Rvance

Project Site Name Tinker AFB Project Site Number 02

NUS Source No. T-GW-MW157A Source Location MW-157

Total Well Depth: 25'	Purge Data				
Well Casing Size & Depth:	Volume	pH	S.C.	Temp. (°C)	Color & Turbidity
2" 24.90	3.2	7.39	1700	21°	Rust Very turbid
Static Water Level: 17.20	3.2	7.41	1600	21.5°	" " "
One Casing Volume: 3.20	3.2	7.40	1650	21.5°	" " "
Start Purge (hrs.): 1515					
End Purge (hrs.): 1600					
Total Purge Time (min.): 45					
Total Amount Purged (gal.): 9.6					
Monitor Reading:					
0ppm HNu					
Purge Method: S/S bailer					
Sample Method: S/S bailer					
Depth Sampled: 17.35					

Sample Date & Time:	Sample Data			
3/23/90 1900	pH	S.C.	Temp. (°C)	Color & Turbidity
Sampled By: Russ Vance	7.39	1700	21.5°	light rust slightly turbid.

Signature(s):

Russell A. Vance

Type of Sample

- [ ] Low Concentration
- [ ] High Concentration
- [x] Grab
- [ ] Composite
- [ ] Grab - Composite

Observations / Notes:

Analysis:	Preservative		Organic	Inorganic
VOC	HCl	Traffic Report #		
BNA	Cool	Tag #		
metals	HCl			
cyanide	NaOH	AB #		
PH TOC, corrosivity	Cool	Date Shipped		
		Time Shipped		
		Lab	NUS Houston	
		Volume	1 8oz 2-40ml	3-1 liter

APPENDIX A-3

SLUG TEST CALCULATIONS

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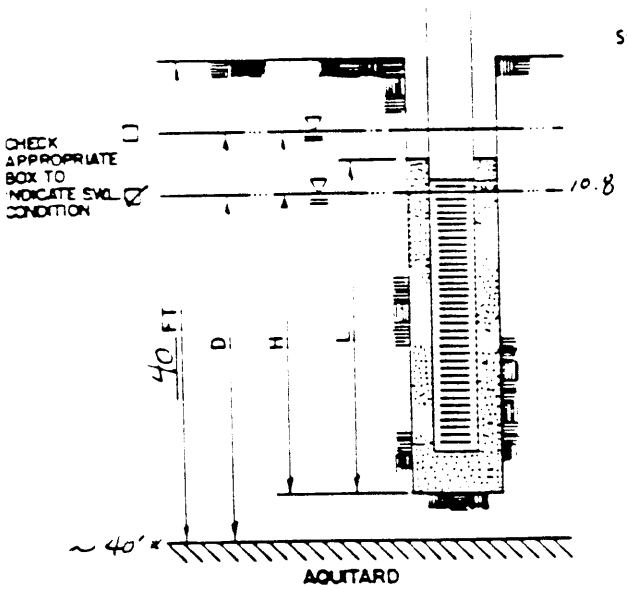
INPUT DATA FOR 123/SLUGCALC PROGRAM, REV. 0
HYDRAULIC CONDUCTIVITY CALCULATION FOR SLUG TEST
BOUWER-RICE METHODOLOGY (1976)

JOB SITE: Tinker AFB
JOB NUMBER: 4M41
WELL NUMBER: MW 1-55

TEST BY/DATE: J. Wedekind 3/23/90
CALCULATED BY/DATE: J. Wedekind 6/6/90
CHECKED BY/DATE: JSB 10/29/91



* Based upon known hydrogeology.

Well Construction Details
(attach boring log and well completion form)

Static Water Level (S.W.L.) = 10.8 ft. (below top of casing) B.T.O.C.

Top Filter Pack = 7.5 ft. B.T.O.C.

Bott. Filter Pack = 21.5 ft. B.T.O.C.

Screen Length = 10 ft.

Borehole Radius = 0.333 ft.

Well Pipe Radius = 0.083 ft.

Stickup = 0.5 ft. above/below grade

Filter Pack Porosity = 0.30

Circle type of well: fully/partially penetrating. If fully penetrating annotate drawing appropriately (i.e., show the aquitard and its position relative to L, H, D, etc.)

DEFINE:

L = HEIGHT THROUGH WHICH WATER ENTERS WELL/AQUIFER = 10.7 (ft)*

H = HEIGHT OF WELL BELOW WATER TABLE = 10.7 (ft)

D = DEPTH TO IMPERMEABLE BOUNDARY = 29.2 (ft)**

R_w = RADIUS FROM WELL CENTER TO UNDISTURBED AQUIFER = 0.33 (ft)

D_d = $\ln[(D - H)/R_w]$ = 4.03, if >6 USE 6 HERE, AND AS THE INPUT VALUE FOR D_d ON THE INPUT DATA PAGE

$K = 3.07 \times 10^{-4}$ cm/sec

* If s.w.l. is below top of screen, then L = H.
** Based on knowledge of site geology.

Job No. 4M41
Well No. 1-55

CONDITION #1, IF D > H (i.e., well partially penetrating, use Figure 1 to find A & B values using L/R_w = 32.4).

A = 2.6 B = 0.4 (N/A if not applicable).

CONDITION #2, IF D = H (i.e., well fully penetrating, use Figure 1 to find C value using L/R_w = _____).

C = N/A (N/A if not applicable).

Please show your work on Figure 1.

Go to Page 4 and plot field data as instructed.

Obtain T_o, Y_o (beginning), T_t, and Y_t (end) from straight line portion of plot (attach plot at back).

T_o = 1.0 (min), T_t = 3.0 (min), Y_o = 0.15', Y_t = 0.11'

$$T = T_t - T_o = 120 \text{ (sec)}$$

Complete Page 5 in its entirety.

BOUWER AND RICE : GROUNDWATER HYDRAULICS

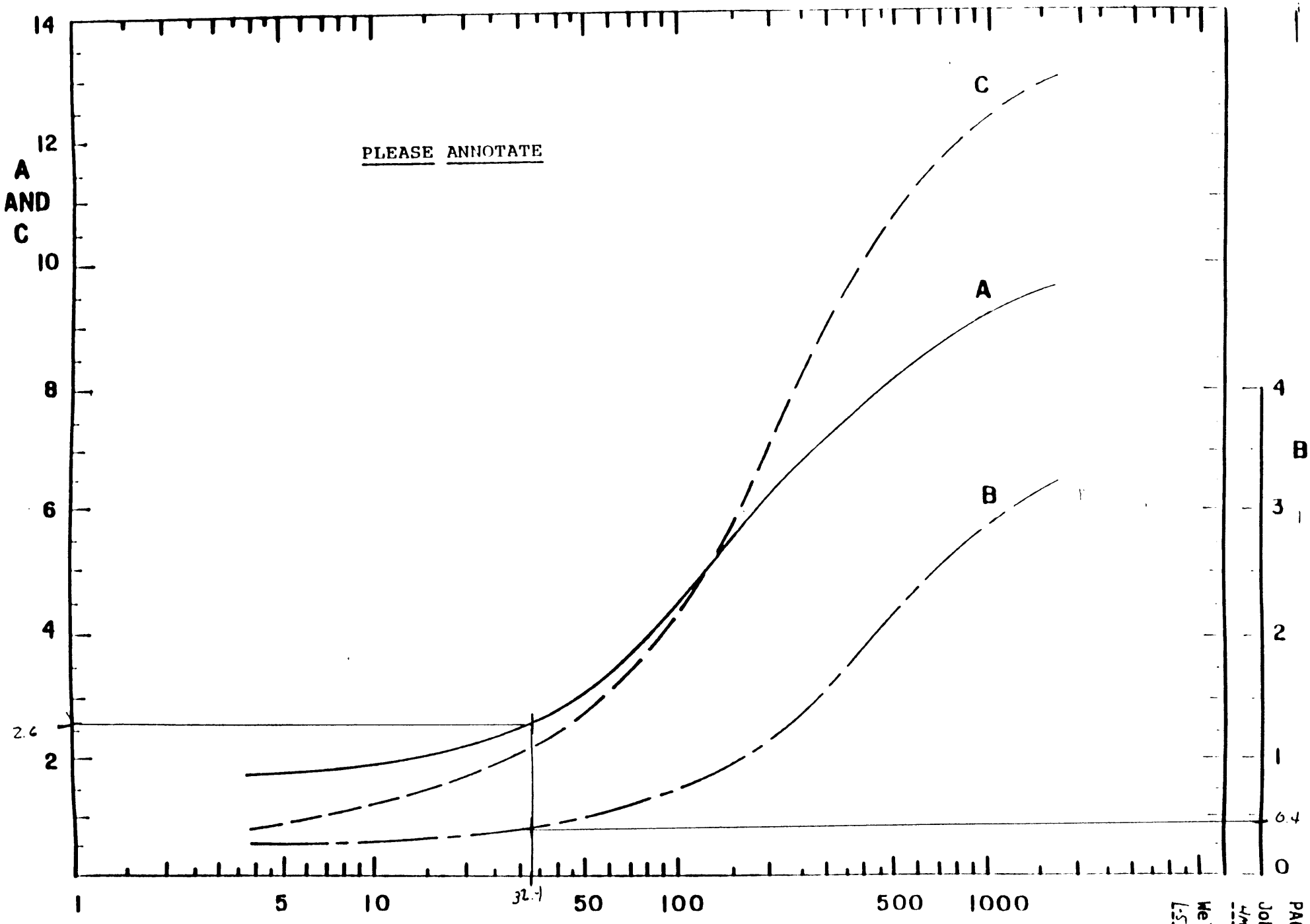


FIGURE 1 CURVES RELATING COEFFICIENTS A, B AND C

Well 155

Job 4441

PAGE

Job No. 4M41
Well No. 1-55

PLOT y versus t (from field data, attached at back):

where:

t = time measured in field during slug test

y = depth to static water table minus depth to falling water level (for slug injection)

or

y = depth to rising water level minus depth to static water table (for slug removal)

Plot t on x-axis (arithmetic scale)

Plot y on y-axis (log scale)

Interpret aquifer response. Return to Page 2 and complete as instructed.

t = 0	S.W.L. = 10.8
t (min.)	y (feet)
0.00	11.13
0.01	11.16
0.02	11.09
0.03	11.07
0.05	11.03
0.10	11.08
0.15	11.06
0.20	11.01
0.25	11.00
0.30	10.98
0.33	10.98
0.41	10.97
0.50	10.97
0.66	10.95
0.75	10.95
1.0	10.95
1.25	10.94
1.5	10.94
1.75	10.93
2.00	10.93
5.00	10.91
10.0	10.92

t (min.) Δh	y (feet)
0.33	
0.36	
0.29	
0.27	
0.23	
0.28	
0.26	
0.21	
0.20	
0.18	
0.18	
0.17	
0.17	
0.15	
0.15	
0.15	
0.14	
0.14	
0.13	
0.12	
0.11	
0.12	

t (min.)	y (feet)

Job No. 4M41
Well No. 1-55

INPUT DATA

(FOR 123/SLUGCALC PROGRAM, REV. 0)

Well Radius (ft) = 0.08

Boring Radius (ft) = 0.33

Filter Pack Porosity = 0.30

PARTIALLY PENETRATING WELL:

A (from chart) = 2.6 (N/A if not applicable)

B (from chart) = 0.4 (N/A if not applicable)

FULLY PENETRATING WELL:

C (from chart) = NA (N/A if not applicable)

D, Depth to Impermeable Boundary (ft) = 29.2

D_d = ln[(D - H)/Rw] = 4.03 (must be ≤6)

H, Height of Well Below Water Table (ft) = 10.7

L, Height Through Which Water Enters Well (ft) = 10.7

Rw, Radius from Well Center to Aquifer (ft) = 0.33

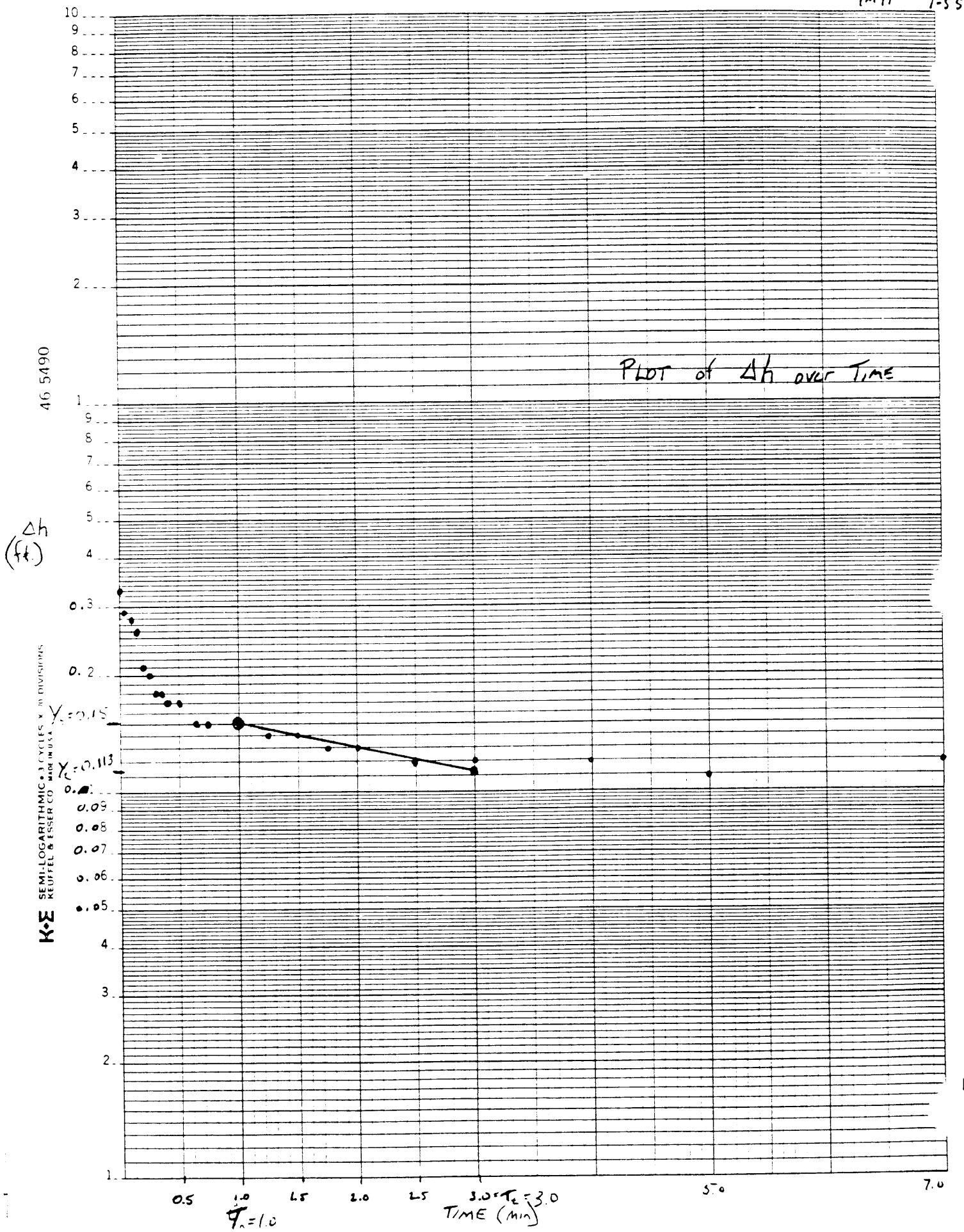
T, Time in seconds (T_t - T_o) = 120

Y_o, Starting Y (ft) = 0.15

Y_t, Ending Y (ft) = 0.11

COMMENTS (EXPLAIN ANY IRREGULARITIES OR RATIONALE THAT ARE NOT OBVIOUS; USE SKETCHES IF NECESSARY):

Go to one of the PCs and call up Lotus 123. Use the slash (/) key to access the menu. Retrieve the 123/SLUGCALC file. Use the input data on this sheet to find K then use the (PrtSc) or (PRINTSCREEN) key to get a copy of the calculation. Attach copy to back of this packet. DO NOT save your calculation file as /SLUGCALC. DO NOT save your calculation file on the Hard Disk.


PLOT of Δh over TIME
Δh (ft.)
Y_c=0.15
Y_c=0.113
0.5
1.0
1.5
2.0
2.5
3.0=T_c=3.0
5.0
7.0
T_o=1.0
TIME (min)
46 5490
K+E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

SLUG TEST FORMULA CALCULATIONS (/SLUGCALC)
by: Allan Jenkins and Jonathan Lewis, Rev. 1, 10-30-89

DATE: June 7, 1989
JOB NO: 4M41
WELL NO: 1-55
CALC BY: James Wedekind

INPUT DATA (FROM DATA SHEET) (if no value, LEAVE BLANK)

WELL PIPE RADIUS (ft) =	0.08
BORING RADIUS (ft) =	0.33
FILTER PACK POROSITY =	0.3
A (from chart) =	2.6
B (from chart) =	0.4
C (from chart) =	0
D, DEPTH TO IMPERMEABLE BOUNDARY (ft) =	29.2
Dd, = ln((D-H)/Rw) =	4.03
H, HEIGHT OF WELL BELOW WATER TABLE (ft) =	10.7
L, HEIGHT THROUGH WHICH WATER ENTERS WELL (ft) =	10.7
Rw, RADIUS FROM WELL CENTER TO AQUIFER (ft) =	0.33
T, TIME IN SECONDS (Tt-To) =	120
Yo, STARTING Y (ft) =	0.15
Yt, ENDING Y (ft) =	0.11

CALCULATE Rc

Rc = 0.192743

CONDITION 1, PARTIALLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 2.241679

CONDITION 2, FULLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 0

FIND HYDRAULIC CONDUCTIVITY (K)

THE VALUE OF ln(Re/Rw) IS: 2.241679

CALCULATION

K in ft/sec = 1.01E-05

K in cm/sec = 3.07E-04

REPRESENTATIVE SLUG TEST CALCULATION FOR MW-I55
(FROM BOUWER AND RICE, 1976)

$$Rc = \text{Cross-sectional area of well which relates } Q \text{ to the rate of rise of water in the well.}$$

$$Rc = \left\{\left(\text{Well Pipe Radius}\right)^2 + \left(\text{Filter Pack Porosity}\right)\left[\text{Boring Radius}^2 - \left(\text{Well Pipe Radius}\right)^2\right]\right\}^{\frac{1}{2}}$$

$$Rc = \left[0.08^2 + 0.3\left(0.33^2 - 0.08^2\right)\right]^{\frac{1}{2}}$$

$$Rc = 0.192743$$

For condition 1, partially penetrating well:

$$ln\left(\frac{Re}{Rw}\right) = \left[\frac{1.1}{ln\,(H/Rw)} + \frac{A + B\,ln\,[D-H)/Rw]}{L/Rw}\right]^{-1}$$

$$= \left[\frac{1.1}{ln\,(10.7/0.33)} + \frac{2.6 + 0.4 * ln\,(29.2 - 10.7)//0.33}{10.7/0.33}\right]^{-1}$$

$$ln\left(\frac{Re}{Rw}\right) = 2.241679$$

To calculate K (the hydraulic conductivity):

$$K = \left(\frac{R_c^2 * ln\,(Re/Rw)}{2L}\right)\left(1/T\right)\left(ln\,\frac{Y_o}{Y_t}\right)$$

$$= \left[\frac{(0.192743)^2 * 2.241679}{2 * 10.7}\right] * 1/120 * ln\left(\frac{0.15}{0.11}\right)$$

$$K = 1.01 \times 10^{-5} \quad ft/sec$$

$$= 3.07 \times 10^{-4} \quad cm/sec$$

Note: All symbols are defined/and quantified on pages 1-7 of this calculation.

NUS CORPORATION

Monitoring Well I-55

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4N141 | PROJECT MANAGER: Wedekind

LOGGED BY: Wedekind | EDITED BY: Wedekind

WELL NAME: I-55 | DATE: 03/09/90

DRILLING COMPANY: Pool

EQUIPMENT: ☐ 7 1/2 INCH HOLLOW STEM AUGER | DRILLER: R. Pool

☐ _____ INCH ROTARY WASH | HOURS DRILLED: 2

GALLONS OF WATER USED DURING DRILLING: NONE GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: Bailing

DEVELOPMENT BEGAN DATE: 3/10/90 TIME: 0900

YIELD:	TIME:		DATE:
~2.5 GPM	FROM 0800	TO 1345	3/10/90
~2.5 GPM	FROM 1106	TO 1122	3/11/90
GPM	FROM	TO	
GPM	FROM	TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: 45 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☒ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☒ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☐ OTHER _____

DEPTH TO WATER AFTER DEVELOPMENT: DRY (20) FEET

MATERIALS USED

2 SACKS OF 20/40 Silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

NA SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

10 FEET OF 2 INCH ~~PVC~~ SW BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SW SLOTTED SCREEN

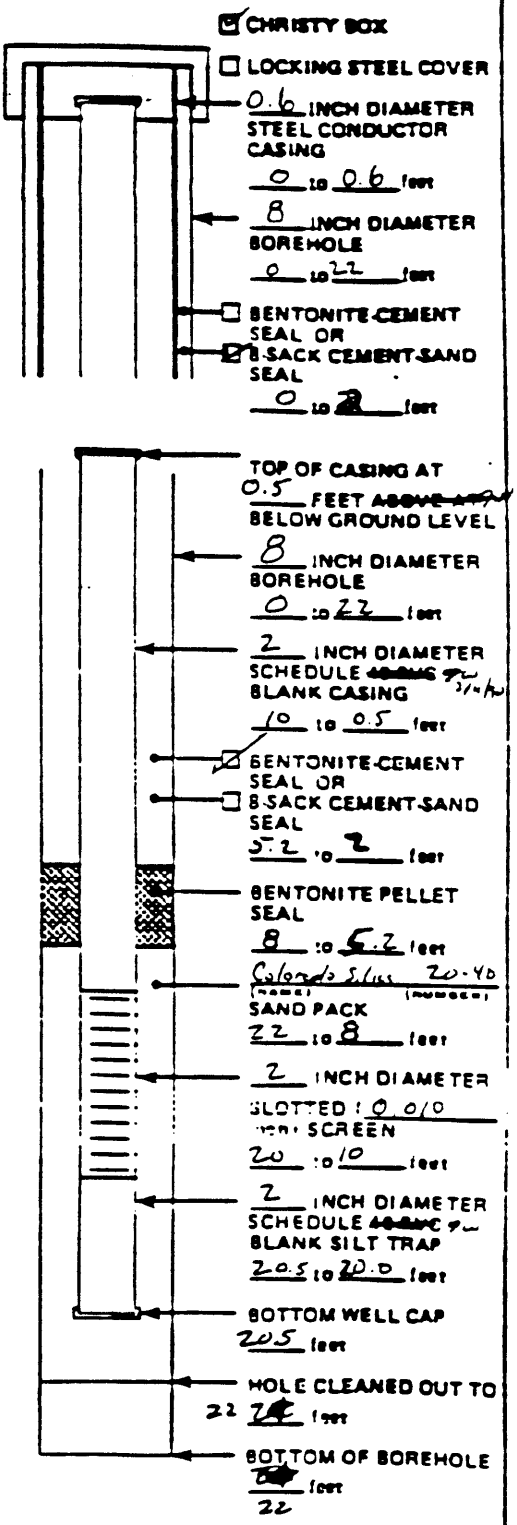
NA YARD^3 CEMENT-SAND (REDI-MIX) ORDERED

NA YARD^3 CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☐ NO ☒ YES

NAME NA

WELL COVER USED: ☐ LOCKING STEEL COVER ☒ CHRISTY BOX ☐ OTHER _____



NOT TO SCALE

ADDITIONAL INFORMATION: STAINLESS STEEL SCREEN and RISER SCHEDULE 5S INSTALLED IN SB201

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: TINKER AFB WELL/BORING NO.: SP MW1-55
PROJECT NO.: 4M41 GEOLOGIST: Wedekind / Basile
WELL DIAMETER: 2" SCREEN LENGTH/DEPTH: 10'-20'-10' TEST NO.: D
STATIC WATER LEVEL (Depth/Elevation): 10.8 DATE: 03/23/90
TEST TYPE (Rising/Falling/Constant Head): Rising CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: SOLID SLUG (5'1") PAGE 1 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	CORRECTION	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
0.00	0.00	✓		11.13		
	0.00			~~11.13~~ 11.07		
	0.00			~~11.13~~ 11.02		
	0.00			~~11.13~~ 11.00		
	0.00	✓		~~11.13~~ 11.16		
	0.01			11.19		
	0.02			11.03		
	0.02			11.42		
	0.02	✓		11.09		
	0.03			11.00		
	0.03	✓		11.07		
	0.05	✓		11.03		
	0.06			11.04		
	0.08			11.06		
	0.10	✓		11.08		
	0.11			11.07		
	0.13			11.09		
	0.15	✓		11.06		
	0.16			11.11		
	0.18			11.02		
	0.20	✓		11.01		
	0.21			11.0		
	0.23			11.0		
	0.25	✓		11.0		
	0.26			10.98		
	0.28			10.99		
	0.30			10.91		
	0.31	✓		10.98		
	0.33			10.98		

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: ..... WELL/BORING NO.: MW 1-55
PROJECT NO.: ..... GEOLOGIST: .....
WELL DIAMETER: ..... SCREEN LENGTH/DEPTH: ..... TEST NO.: 0
STATIC WATER LEVEL (Depth/Elevation): ..... / ..... DATE: .....
TEST TYPE (Rising/Falling/Constant Head): ..... CHECKED: .....
METHOD OF INDUCING WATER LEVEL CHANGE: ..... PAGE 2 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	CORRECTION	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	0.31				10.98	
	0.33	✓			10.98	
	0.41	✓			10.97	
	0.5	✓			10.97	
	0.58				10.97	
	0.66	✓			10.95	
	0.75	✓			10.95	
	0.83				10.94	
	0.91				10.96	
	1.00	✓			10.95	
	1.08				10.95	
	1.16				10.93	
	1.25	✓			10.94	
	1.33				10.94	
	1.41				10.92	
	1.50	✓			10.94	
	1.58				10.94	
	1.66				10.94	
	1.75	✓			10.93	
	1.83				10.93	
	1.91				10.93	
	2.00	✓			10.93	
	2.5				10.92	
	3.0				10.92	
	3.5				10.92	
	4.0				10.92	
	4.5				10.92	
	5.0	✓			10.91	
	5.5				10.91	

VAC 3/88

ATTACHMENT A

11 of 11

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

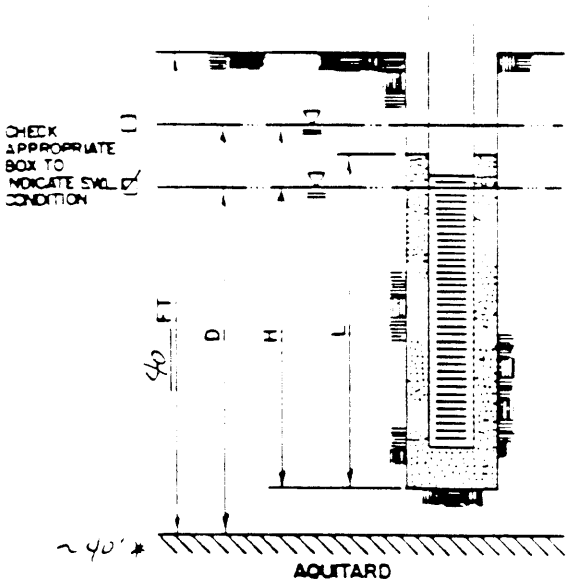
PROJECT NAME: WELL/BORING NO.: MW1-55
PROJECT NO.: GEOLOGIST:
WELL DIAMETER: SCREEN LENGTH/DEPTH: TEST NO.: 0
STATIC WATER LEVEL (Depth/Elevation): / DATE:
TEST TYPE (Rising/Falling/Constant Head): CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: PAGE 3 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	CORRECTION	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	6.0			~~10.91~~	10.91	
	6.5				10.91	
	7.0				10.92	
	7.5				10.92	
	8.0				10.91	
	8.5				10.91	
	9.0				10.91	
	9.5				10.91	
	10	✓			10.92	
	12				10.90	
	14				10.91	
	16				10.92	
	18				10.92	
	20				10.92	
	22				10.91	
	24				10.92	
	26				10.91	
	28				10.90	
	30				10.90	
	32				10.90	
	34				10.89	
	36				10.90	
	38				10.90	
	40				10.89	
	42				10.90	
	44				10.91	
	46				10.91	
	64				10.87	
	78				10.88	

INPUT DATA FOR 123/SLUGCALC PROGRAM, REV. 0
HYDRAULIC CONDUCTIVITY CALCULATION FOR SLUG TEST
BOUWER-RICE METHODOLOGY (1976)

JOB SITE: Tinker AFB
JOB NUMBER: 4M41
WELL NUMBER: MW 1-56

TEST BY/DATE: J. Wedekind 3/24/90
CALCULATED BY/DATE: J. Wedekind 3/7/90
CHECKED BY/DATE: BHm 10/28/91



* Based on known geology.

Well Construction Details
(attach boring log and well completion form)

Static Water Level (S.W.L.) = 16.7 ft. (below top of casing) B.T.O.C.

Top Filter Pack = 7.6 ft. B.T.O.C.

Bott. Filter Pack = 20.6 ft. B.T.O.C.

Screen Length = 10 ft.

Borehole Radius = 0.33 ft.

Well Pipe Radius = 0.08 ft.

Stickup = 0.4 ft. ~~above~~/below grade

Filter Pack Porosity = 0.30

Circle type of well: ~~fully~~/partially penetrating. If fully penetrating annotate drawing appropriately (i.e., show the aquitard and its position relative to L, H, D, etc.)

DEFINE:

L = HEIGHT THROUGH WHICH WATER ENTERS WELL/AQUIFER = 3.9 (ft)*

H = HEIGHT OF WELL BELOW WATER TABLE = 3.9 (ft)

D = DEPTH TO IMPERMEABLE BOUNDARY = ~23.3 (ft)**

R_w = RADIUS FROM WELL CENTER TO UNDISTURBED AQUIFER = 0.33 (ft)

D_d = $\ln[(D - H)/R_w]$ = 4.07, if >6 USE 6 HERE, AND AS THE INPUT VALUE FOR D_d ON THE INPUT DATA PAGE

$K = 1.54 \times 10^{-3}$ cm/sec

* If s.w.l. is below top of screen, then L = H.
** Based on knowledge of site geology.

Job No. 4M41
Well No. 1-56

CONDITION #1, IF D > H (i.e., well partially penetrating, use Figure 1 to find A & B values using L/R_w = 11.8).

A = 2.0 B = 0.3 (N/A if not applicable).

CONDITION #2, IF D = H (i.e., well fully penetrating, use Figure 1 to find C value using L/R_w =).

C = N/A (N/A if not applicable).

Please show your work on Figure 1.

Go to Page 4 and plot field data as instructed.

Obtain T_o, Y_o (beginning), T_t, and Y_t (end) from straight line portion of plot (attach plot at back).

T_o = 0 (sec), T_t = 60 min/sec, Y_o = 0.3', Y_t = 0.19

$$T = T_t - T_o = 60 \text{ (sec)}$$

Complete Page 5 in its entirety.

BOUWER AND RICE : GROUNDWATER HYDRAULICS

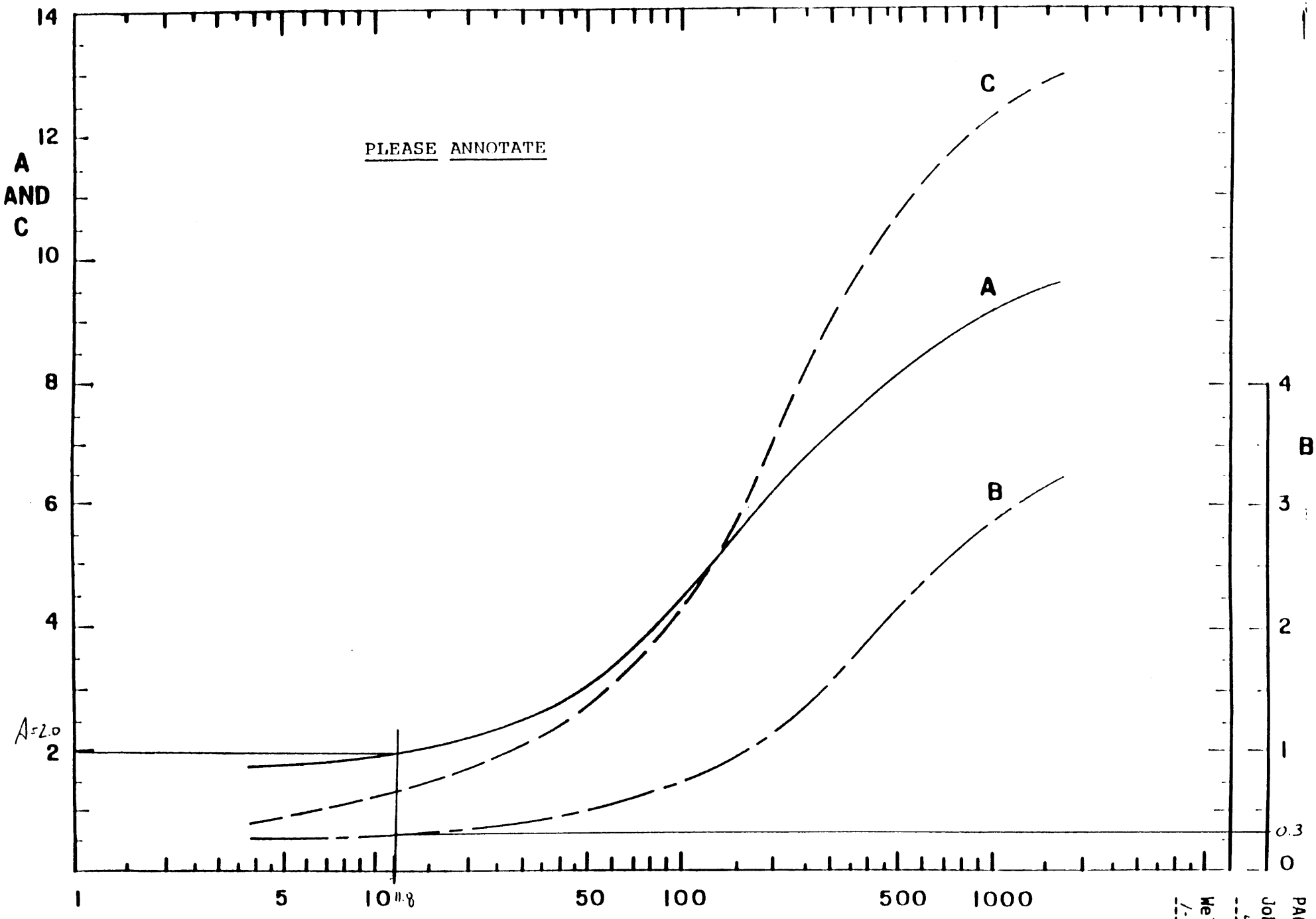


FIGURE 1 CURVES RELATING COEFFICIENTS A, B, AND C TO L / Rw

PAGE 3
Job No 4M4
Well N 1-56

Job No. 4M41
Well No. 1-56

PLOT y versus t (from field data, attached at back):

where:

t = time measured in field during slug test

y = depth to static water table minus depth to falling water level (for slug injection)

or

y = depth to rising water level minus depth to static water table (for slug removal)

Plot t on x-axis (arithmetic scale)

Plot y on y-axis (log scale)

Interpret aquifer response. Return to Page 2 and complete as instructed.

t = 0	S.W.L. = 1.67'	t (min.)	y (feet)	t (min.)	y (feet)
t (min.)	y (feet)				
0.00	0.72				
0.01	0.67				
0.02	0.64				
0.05	0.57				
0.10	0.46				
0.13	0.41				
0.15	0.39				
0.20	0.34				
0.25	0.30				
0.30	0.29				
0.41	0.25				
~~0.33~~ 0.50	~~0.50~~ 0.23				
0.75	0.21				
1.0	0.19				
1.25	0.19				
1.50	0.19				
1.75	0.19				
2.00	0.19				
3.0	0.18				
50	0.17				
6.0	0.16				

Job No. 4M41
Well No. 1-56

INPUT DATA

(FOR 123/SLUGCALC PROGRAM, REV. 0)

Well Radius (ft) = 0.08

Boring Radius (ft) = 0.33

Filter Pack Porosity = 0.3

PARTIALLY PENETRATING WELL:

A (from chart) = 2.0 (N/A if not applicable)

B (from chart) = ~~0.4~~ 0.3 (N/A if not applicable)

FULLY PENETRATING WELL:

C (from chart) = NA (N/A if not applicable)

D, Depth to Impermeable Boundary (ft) = 23.3

D_d = ln[(D - H)/Rw] = 4.07 (must be ≤6)

H, Height of Well Below Water Table (ft) = 3.9

L, Height Through Which Water Enters Well (ft) = 3.9

Rw, Radius from Well Center to Aquifer (ft) = 0.33

T, Time in seconds (T_t - T_o) = 60

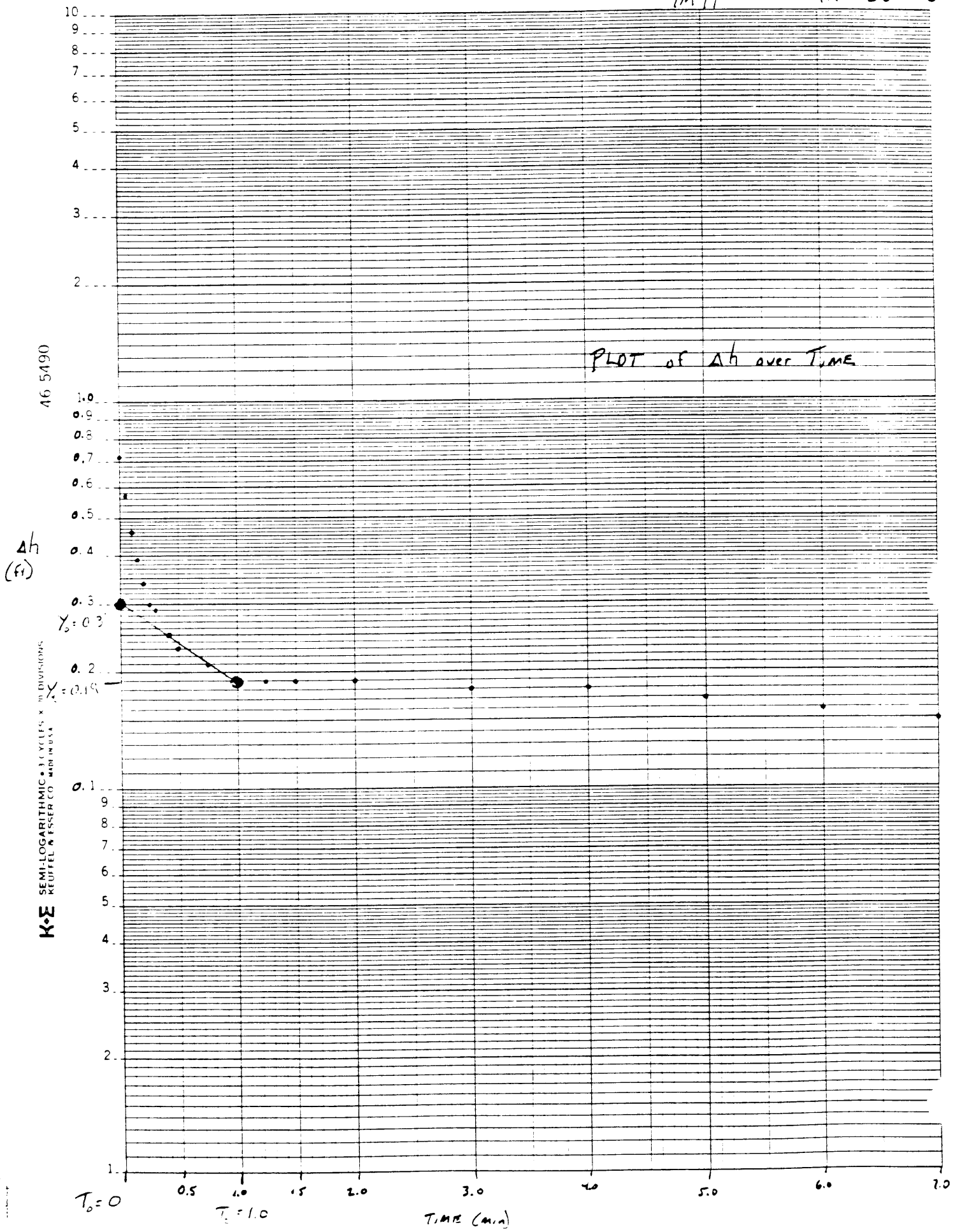
Y_o, Starting Y (ft) = 0.3

Y_t, Ending Y (ft) = 0.19

COMMENTS (EXPLAIN ANY IRREGULARITIES OR RATIONALE THAT ARE NOT OBVIOUS; USE SKETCHES IF NECESSARY):

Go to one of the PCs and call up Lotus 123. Use the slash (/) key to access the menu. Retrieve the 123/SLUGCALC file. Use the input data on this sheet to find K then use the (PrtSc) or (PRINTSCREEN) key to get a copy of the calculation. Attach copy to back of this packet. DO NOT save your calculation file as /SLUGCALC. DO NOT save your calculation file on the Hard Disk.

4M41 MW 1-56 6 of 11



SLUG TEST FORMULA CALCULATIONS (/SLUGCALC)
by: Allan Jenkins and Jonathan Lewis, Rev. 1, 10-30-89

DATE: june 7, 1989
JOB NO: 4M41
WELL NO: 1-56
CALC BY: James Wedekind

INPUT DATA (FROM DATA SHEET) (if no value, LEAVE BLANK)

WELL PIPE RADIUS (ft) =	0.08
BORING RADIUS (ft) =	0.33
FILTER PACK POROSITY =	0.3
A (from chart) =	2
B (from chart) =	0.3
C (from chart) =	0
D, DEPTH TO IMPERMEABLE BOUNDARY (ft) =	23.3
Dd, = ln((D-H)/Rw) =	4.07
H, HEIGHT OF WELL BELOW WATER TABLE (ft) =	3.9
L, HEIGHT THROUGH WHICH WATER ENTERS WELL (ft) =	3.9
Rw, RADIUS FROM WELL CENTER TO AQUIFER (ft) =	0.33
T, TIME IN SECONDS (Tt-To) =	60
Yo, STARTING Y (ft) =	0.3
Yt, ENDING Y (ft) =	0.19

CALCULATE Rc

Rc = 0.192743

CONDITION 1, PARTIALLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 1.392844

CONDITION 2, FULLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 0

FIND HYDRAULIC CONDUCTIVITY (K)

THE VALUE OF ln(Re/Rw) IS: 1.392844

CALCULATION

K in ft/sec = 5.05E-05

K in cm/sec = 1.54E-03

NUS CORPORATION

Monitoring Well 1-56

19, 92

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4M31 | PROJECT MANAGER: Wedekind

LOGGED BY: L Basilio | EDITED BY: Wedekind

WELL NAME: I-56 | DATE: 3/8/90

DRILLING COMPANY: POOL

EQUIPMENT: ☒ 7 1/2 INCH HOLLOW STEM AUGER | DRILLER: R POOL

☐ ____ INCH ROTARY WASH | HOURS DRILLED: 2.5

GALLONS OF WATER USED DURING DRILLING: N/A GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: Bailing

DEVELOPMENT BEGAN DATE: ~~0900~~ 3/10/90 TIME: 0900

YIELD:	TIME:	DATE:
~2.0 GPM	FROM 0900 TO 1045	3/10/90
GPM	FROM TO	
GPM	FROM TO	
GPM	FROM TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: 10 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☒ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☒ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☐ OTHER ____

DEPTH TO WATER AFTER DEVELOPMENT: DRY (20) FEET

MATERIALS USED

2.5 SACKS OF 20/40 silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

N/A SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

10 FEET OF 2 INCH ~~PVC~~ BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SLOTTED SCREEN

10

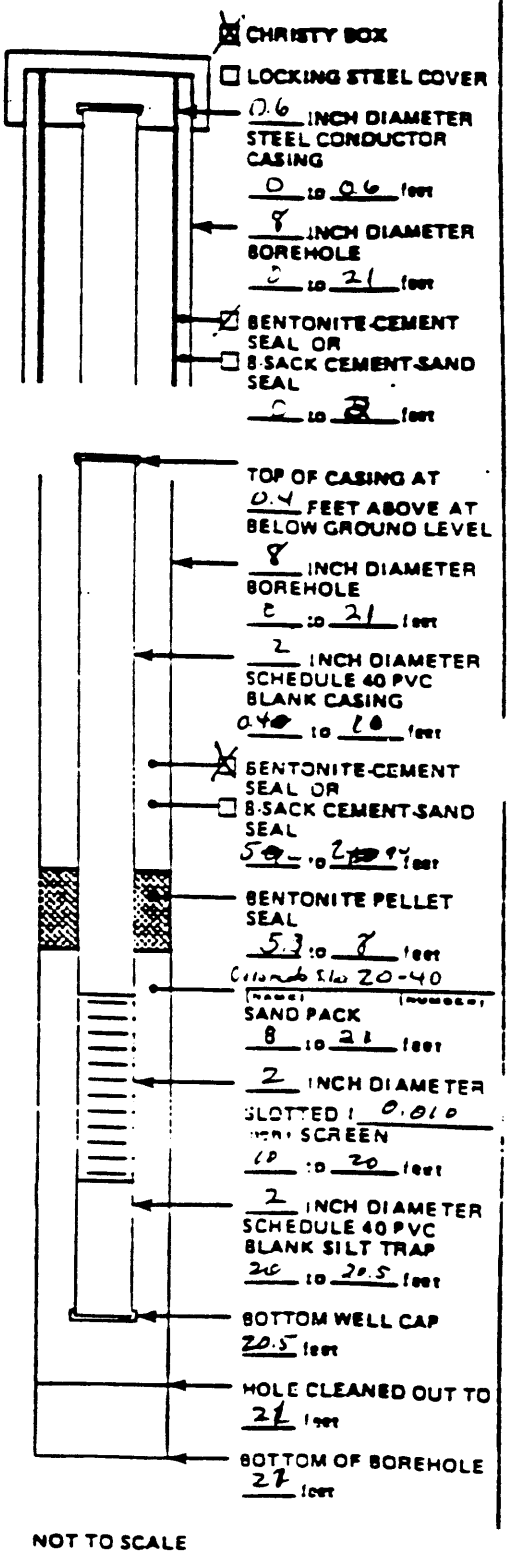
NA YARD^3 CEMENT-SAND (REDI-MIX) ORDERED

NA YARD^3 CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☒ NO ☐ YES

NAME NA

WELL COVER USED: ☐ LOCKING STEEL COVER ☒ CHRISTY BOX ☐ OTHER ____



NOT TO SCALE

ADDITIONAL INFORMATION: STAINLESS STEEL

Insert pvc w/ @ 10' auger, still in hole. Add filter pack to 14' then remove [illegible] add [illegible]

ATTACHMENT A

10:49

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: Tinker AFB — WELL/BORING NO.: MW 1-56
PROJECT NO.: 4M41 — GEOLOGIST: J. Wedekind
WELL DIAMETER: 2" — SCREEN LENGTH/DEPTH: 10' 20-10' — TEST NO.: 3
STATIC WATER LEVEL (Depth/Elevation): 16.7' — DATE: 03/24/90
TEST TYPE (Rising/Falling/Constant Head): RISING — CHECKED: Wedekind
METHOD OF INDUCING WATER LEVEL CHANGE: 2.5' SOLID SLUG — PAGE 1 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	~~CORRECTION~~ Δh	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	0.00	17.42	0.72			
	0.00	17.41				
	0.00	17.39				
	0.00	17.38				
	0.01	17.37	0.67			
	0.01	17.36				
	0.02	17.35				
	0.02	17.34	0.64			
	0.02	17.33				
	0.03	17.32				
	0.03	17.31				
	0.05	17.27	0.57			
	0.06	17.23				
	0.08	17.20				
	0.10	17.16	0.46			
	0.11	17.14				
	0.13	17.11	0.41			
	0.15	17.09	0.39			
	0.16	17.07				
	0.18	17.05				
	0.20	17.04	0.34			
	0.21	17.03				
	0.23	17.01				
	0.25	17.00	0.30			
	0.26	17.00				
	0.28	16.99				
	0.30	16.99	0.29			
	0.31	16.98				
	0.33	16.98				

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: TINKER WELL/BORING NO.: MW 1-56
PROJECT NO.: GEOLOGIST:
WELL DIAMETER: SCREEN LENGTH/DEPTH: TEST NO.: 3
STATIC WATER LEVEL (Depth/Elevation): / DATE:
TEST TYPE (Rising/Falling/Constant Head): CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: PAGE 2 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	~~CORRECTION~~ Δh	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	0.41	16.95	0.25			
	0.50	16.93	0.23			
	0.58	16.93				
	0.66	16.92				
	0.75	16.91	0.21			
	0.83	16.90				
	0.91	16.90				
	1.00	16.89	0.19			
	1.08	16.89				
	1.16	16.90				
	1.25	16.89	0.19			
	1.33	16.89				
	1.41	16.89				
	1.50	16.89	0.19			
	1.58	16.91				
	1.66	16.89				
	1.75	16.89	0.19			
	1.83	16.89				
	1.91	16.89				
	2.00	16.89	0.19			
	2.5	16.89				
	3.0	16.88	0.18			
	3.5	"				
	4.0	16.87				
	4.5	"				
	5.0	"	0.17			
	5.5	16.86				
	6.0	"	0.16			
	6.5	"				

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: ..... WELL/BORING NO.: MW 1-56
PROJECT NO.: ..... GEOLOGIST: .....
WELL DIAMETER: ..... SCREEN LENGTH/DEPTH: ..... TEST NO.: .....
STATIC WATER LEVEL (Depth/Elevation): ..... / ..... DATE: .....
TEST TYPE (Rising/Falling/Constant Head): ..... CHECKED: .....
METHOD OF INDUCING WATER LEVEL CHANGE: ..... PAGE 3 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	CORRECTION	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	7.0	16.85				
	7.5	16.84				
	8.0	"				
	8.5	16.85				
	9.0	"				
	9.5	"				
	10	16.84				
	12	"				
	14	"				
	16	16.81				
	18	"				
	20	"				
	22	16.82				
	24	"				
	26	16.84				
	28	16.83				
	30	16.81				
	32	"				
	34	"				
	36	"				
	38	16.80				
	40	16.80				
	42	16.80				
	44	16.80				
	46	16.80				
	48	16.80				
	50	16.80				

Rev 3-88

INPUT DATA FOR 123/SLUGCALC PROGRAM, REV. 0
HYDRAULIC CONDUCTIVITY CALCULATION FOR SLUG TEST
BOUWER-RICE METHODOLOGY (1976)

JOB SITE: Tinker AFB

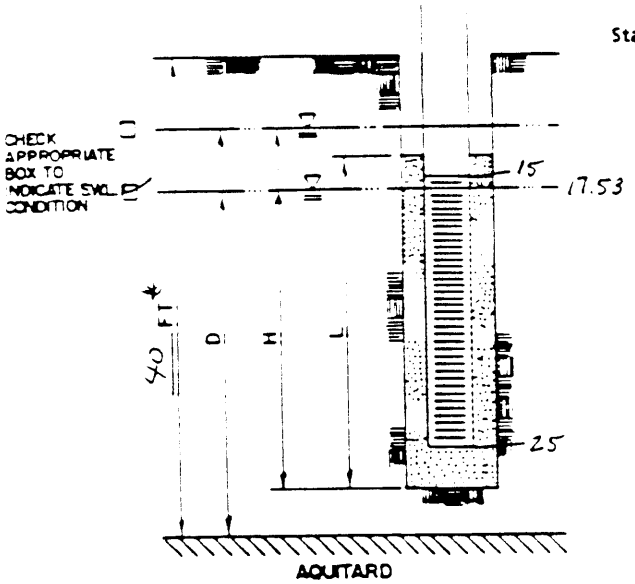
JOB NUMBER: 4M41

WELL NUMBER: 1-57

TEST BY/DATE: Wedekind 3/23/90

CALCULATED BY/DATE: Wedekind 6/7/90

CHECKED BY/DATE: JSS 10/25/91
BHM



* Known geology of site

Well Construction Details
(attach boring log and well completion form)

Static Water Level (S.W.L.) = 17.53 ft. (below top of casing) B.T.O.C.

Top Filter Pack = 12.64 ft. B.T.O.C.

Bott. Filter Pack = 27.64 ft. B.T.O.C.

Screen Length = 10 ft.

Borehole Radius = 0.33 ft.

Well Pipe Radius = 0.08 ft.

Stickup = 0.36 ft. ~~above~~/below grade

Filter Pack Porosity = 0.30

Circle type of well: ~~fully~~/partially penetrating. If fully penetrating annotate drawing appropriately (i.e., show the aquitard and its position relative to L, H, D, etc.)

DEFINE:

L = HEIGHT THROUGH WHICH WATER ENTERS WELL/AQUIFER = 10.11 (ft)*

H = HEIGHT OF WELL BELOW WATER TABLE = 10.11 (ft)

D = DEPTH TO IMPERMEABLE BOUNDARY = 22.47 (ft)**

R_w = RADIUS FROM WELL CENTER TO UNDISTURBED AQUIFER = 0.33 (ft)

D_d = $\ln[(D - H)/R_w]$ = 3.60, if >6 USE 6 HERE, AND AS THE INPUT VALUE FOR D_d ON THE INPUT DATA PAGE

$K = 8.81 \times 10^{-4}$ cm/sec

* If s.w.l. is below top of screen, then L = H

** Based on knowledge of site geology.

Job No. HM41
Well No. I-57

CONDITION #1, IF D > H (i.e., well partially penetrating, use Figure 1 to find A & B values using L/R_w = 30.6).

A = 2.6 B = 0.4 (N/A if not applicable).

CONDITION #2, IF D = H (i.e., well fully penetrating, use Figure 1 to find C value using L/R_w =).

C = NA (N/A if not applicable).

Please show your work on Figure 1.

Go to Page 4 and plot field data as instructed.

Obtain T_o, Y_o (beginning), T_t, and Y_t (end) from straight line portion of plot (attach plot at back).

T_o = 1.75 (min) 105 sec, T_t = 4.0 (min) 240 (sec), Y_o = 0.55, Y_t = 0.21

$$T = T_t - T_o = 135 \text{ (sec)}$$

Complete Page 5 in its entirety.

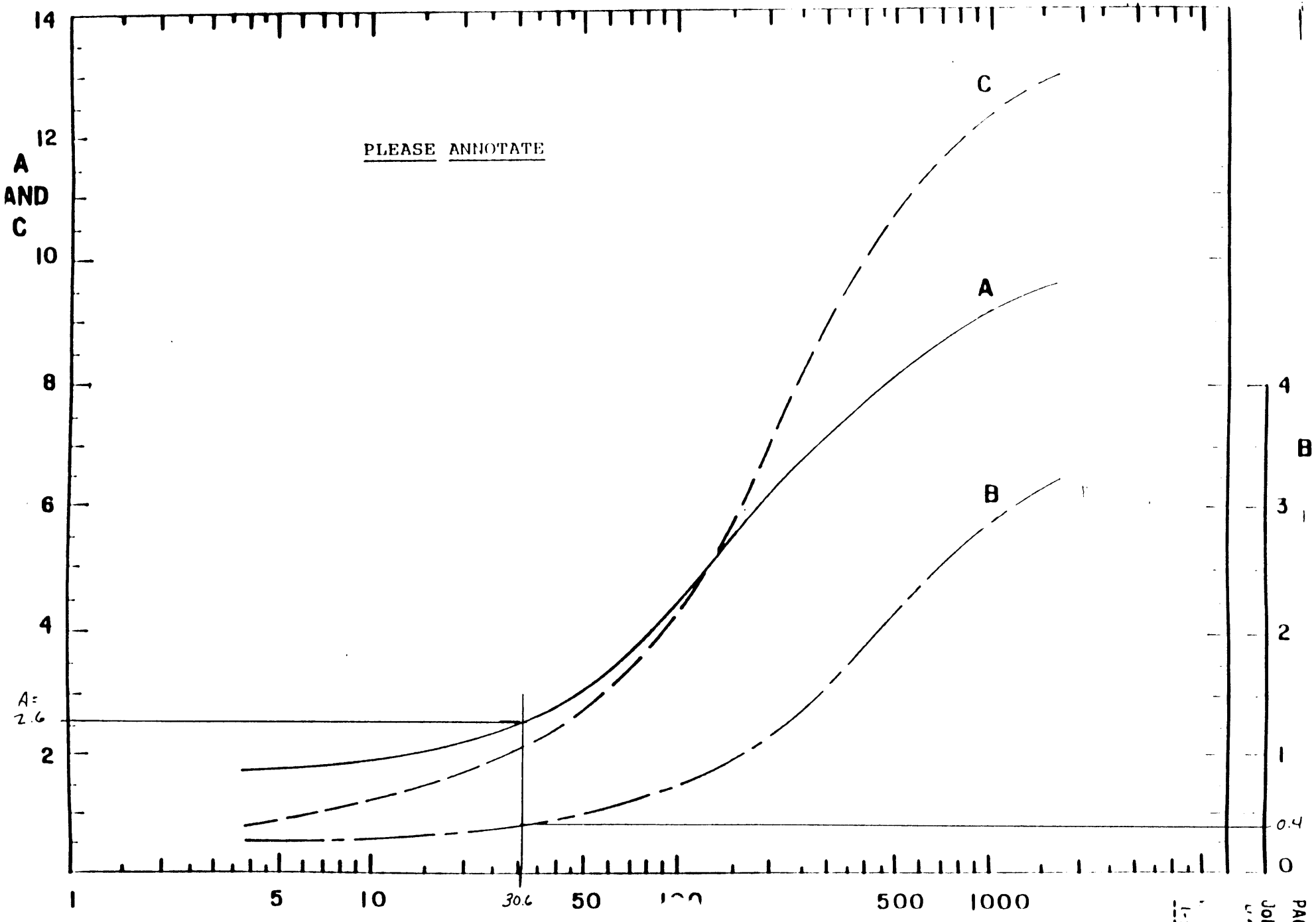


FIGURE 1 CURVES RELATING COEFFICIENTS A, B AND C TO L/R

Job No. 4M41
Well No. 1-57

PLOT y versus t (from field data, attached at back):

where:

t = time measured in field during slug test

y = depth to static water table minus depth to falling water level (for slug injection)

or

y = depth to rising water level minus depth to static water table (for slug removal)

Plot t on x-axis (arithmetic scale)

Plot y on y-axis (log scale)

Interpret aquifer response. Return to Page 2 and complete as instructed.

t = 0	S.W.L. = 1.53
t (min.)	y (feet)
0.00	1.19
0.01	1.19
0.02	1.65
0.05	1.73
0.10	1.65
0.15	1.68
0.20	1.9
0.25	1.4
0.3	1.4
0.33	1.31
0.41	1.23
0.5	1.17
0.58	1.09
0.66	1.04
0.75	1.00
0.83	0.94
0.91	0.89
1.0	0.84
1.16	0.84
1.25	0.74
1.41	0.67
1.5	0.63
1.75	0.55

t (min.)	y (feet)
2.0	0.49
2.5	0.39
3.0	0.32
3.5	0.26
4.0	0.22
4.5	0.18
5.0	0.16
5.5	0.14
6.0	0.11
6.5	0.10
7.0	0.09
7.5	0.08

t (min.)	y (feet)

Job No. 4M41
Well No. I-57

INPUT DATA

(FOR 123/SLUGCALC PROGRAM, REV. 0)

Well Radius (ft) = 0.08

Boring Radius (ft) = 0.33

Filter Pack Porosity = 0.3

PARTIALLY PENETRATING WELL:

A (from chart) = 2.6 (N/A if not applicable)

B (from chart) = 0.4 (N/A if not applicable)

FULLY PENETRATING WELL:

C (from chart) = N/A (N/A if not applicable)

D, Depth to Impermeable Boundary (ft) = 22.47

D_d = ln[(D - H)/Rw] = 3.6 (must be ≤6)

H, Height of Well Below Water Table (ft) = 10.11

L, Height Through Which Water Enters Well (ft) = 10.11

Rw, Radius from Well Center to Aquifer (ft) = 0.33

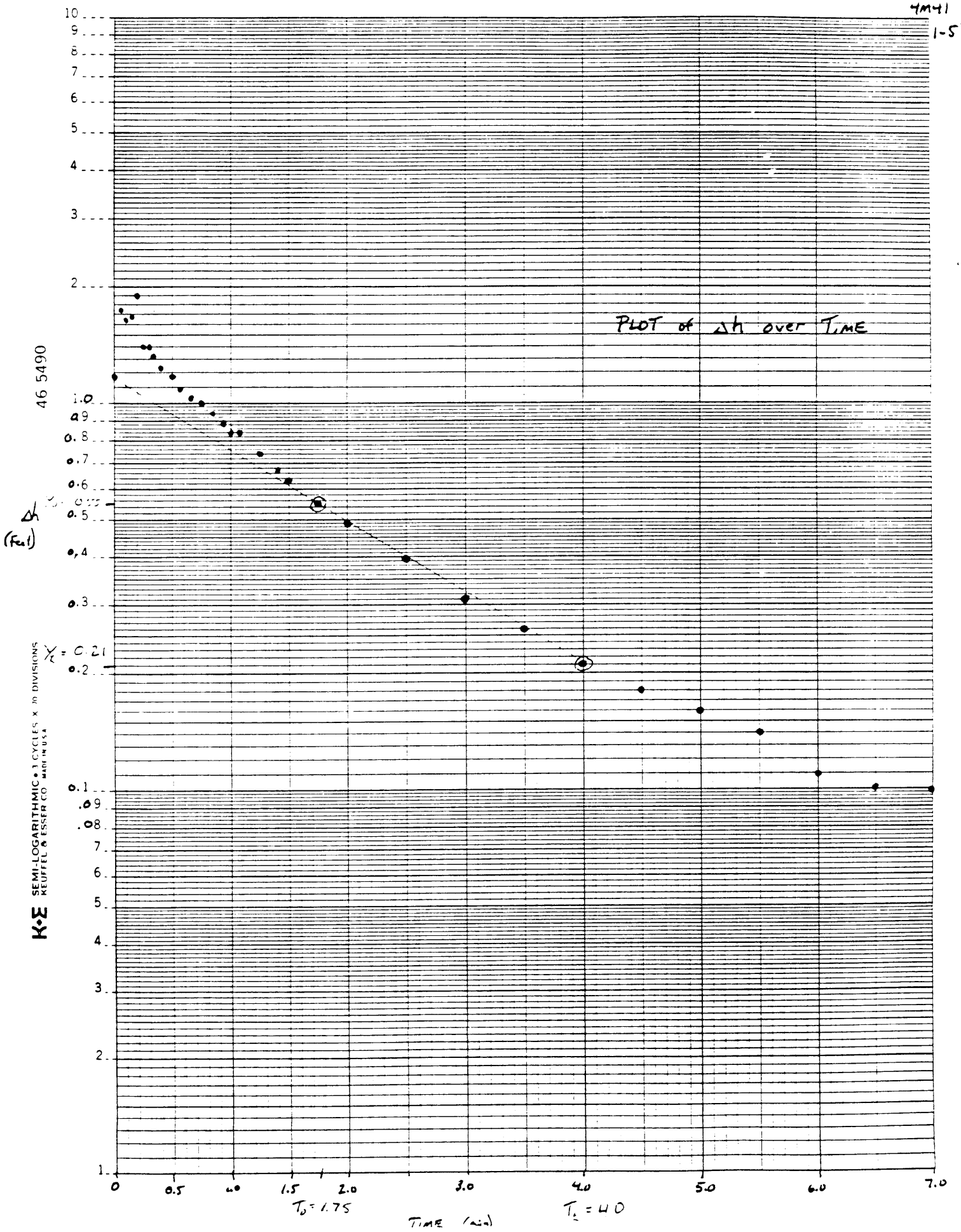
T, Time in seconds (T_t - T_o) = 135

Y_o, Starting Y (ft) = 0.55

Y_t, Ending Y (ft) = 0.21

COMMENTS (EXPLAIN ANY IRREGULARITIES OR RATIONALE THAT ARE NOT OBVIOUS; USE SKETCHES IF NECESSARY):

Go to one of the PCs and call up Lotus 123. Use the slash (/) key to access the menu. Retrieve the 123/SLUGCALC file. Use the input data on this sheet to find K then use the (PrtSc) or (PRINTSCREEN) key to get a copy of the calculation. Attach copy to back of this packet. DO NOT save your calculation file as /SLUGCALC. DO NOT save your calculation file on the Hard Disk.


PLOT of Δh over TIME
Δh (Feet)
Y_t = 0.21
T_0 = 1.75
T_t = 4.0
TIME (min)
46 5490
K+E SEMI-LOGARITHMIC • 3 CYCLES X 70 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

NUS CORPORATION

FIELD WELL COMPLETION FORM

JOB NAME: TINKER AFB

JOB NUMBER: 4M41 | PROJECT MANAGER: W. Wedekind

LOGGED BY: W. Wedekind | EDITED BY: W. Wedekind

WELL NAME: 1-57 (SB216) | DATE: 03/20/90

DRILLING COMPANY: POOL DRILLING

EQUIPMENT: ☑ 7 3/4 INCH HOLLOW STEM AUGER | DRILLER: R. Pool

☐ 5 INCH ROTARY ~~WASH~~CORE | HOURS DRILLED: 5.5

GALLONS OF WATER USED DURING DRILLING: ~ 50 GALLONS

METHOD OF DECONTAMINATION PRIOR TO DRILLING: PRESSURE STEAM

DEVELOPMENT

METHOD OF DEVELOPMENT: AIR LIFT / BAILING

DEVELOPMENT BEGAN DATE: 3/21/90 TIME: 1917

YIELD:	TIME:	DATE:
~3 GPM	FROM 2000 TO 2200	3/21/90
GPM	FROM TO	
GPM	FROM TO	
GPM	FROM TO	

TOTAL WATER REMOVED DURING DEVELOPMENT: ~ 50 GALLONS

DESCRIPTION OF TURBIDITY AT END OF DEVELOPMENT: ☐ CLEAR ☑ SLIGHTLY CLOUDY ☐ MOD. TURBID ☐ VERY MUDDY

ODOR OF WATER: NONE

WATER DISCHARGED TO: ☐ GROUND SURFACE ☐ TANK TRUCK ☐ STORM SEWERS ☐ STORAGE TANK ☐ DRUMS ☑ OTHER IWTP

DEPTH TO WATER AFTER DEVELOPMENT: DRY FEET

MATERIALS USED

2 3/4 SACKS OF 20-40 Colorado Silica SAND

1 SACKS OF Portland CEMENT

15 GALLONS OF GROUT USED

NA SACKS OF POWDERED BENTONITE

50 POUNDS OF BENTONITE PELLETS

15 FEET OF 2 INCH ~~PVC~~ BLANK CASING

10 FEET OF 2 INCH ~~PVC~~ SLOTTED SCREEN

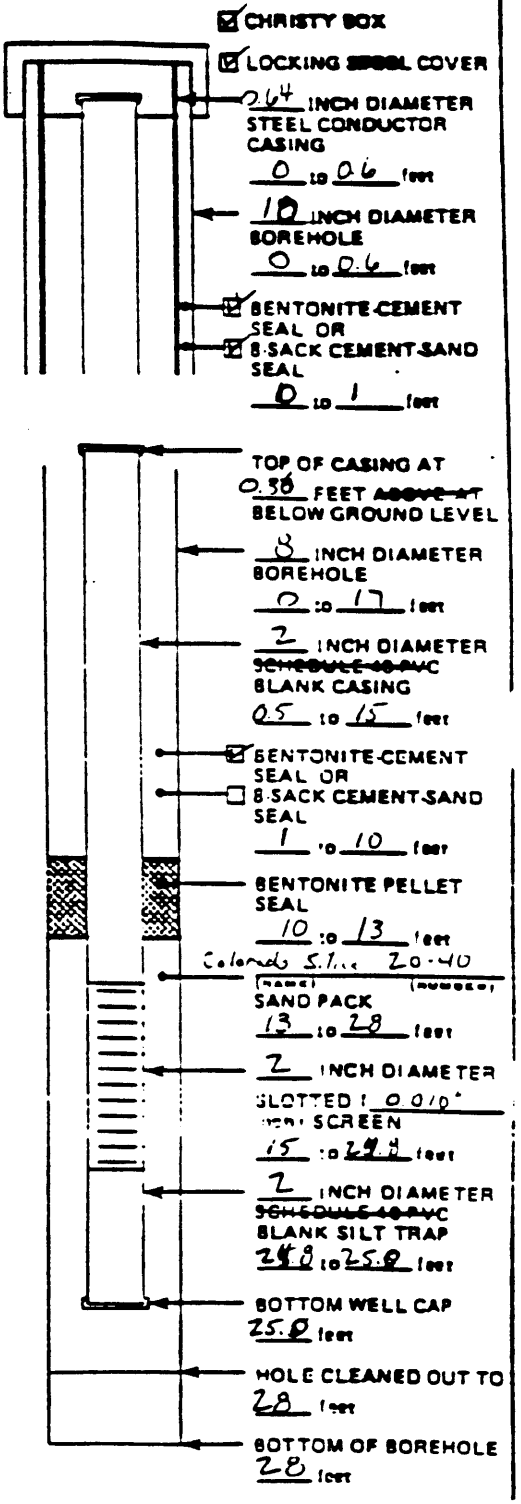
NA YARD^3 CEMENT-SAND (REDI-MIX) ORDERED

NA YARD^3 CEMENT-SAND (REDI-MIX) USED

CONCRETE PUMPER USED? ☑ NO ☐ YES

NAME _____

WELL COVER USED: ☑ LOCKING ~~STEEL~~ COVER ☑ CHRISTY BOX ☐ OTHER _____



NOT TO SCALE

ADDITIONAL INFORMATION: STAINLESS STEEL WELL MATERIALS - SCHEDULE 5$

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: Tinker AFB — WELL/BORING NO.: 1-57
PROJECT NO.: 4M41 — GEOLOGIST: Wedekind
WELL DIAMETER: 2" — SCREEN LENGTH/DEPTH: 10 (15-25) — TEST NO.: 2
STATIC WATER LEVEL (Depth/Elevation): 17.53 / — DATE: 3/23/90
TEST TYPE (Rising/Falling/Constant Head): — CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: Solid Slug (5.0') — PAGE 1 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	~~CORRECTION~~ Δh	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	0.00	18.72	1.19			
	0.00	18.77				
	0.00	18.02				
	0.00	18.51				
	0.01	18.72	1.19			
	0.01	18.95				
	0.02	19.18	1.65			
	0.02	19.27				
	0.02	19.31				
	0.03	19.32				
	0.03	19.30				
	0.05	19.26	1.73			
	0.06	19.20				
	0.08	19.18				
	0.10	19.18	1.65			
	0.10	19.18				
	0.11	19.20				
	0.13	19.42				
	0.15	19.21	1.68			
	0.16	19.07				
	0.18	19.08				
	0.20	19.43	1.90			
	0.21	18.99				
	0.23	18.94				
	0.25	18.93	1.4			
	0.26	18.92				
	0.28	18.92				
	0.30	18.93	1.4			
	0.31	18.96				

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: WELL/BORING NO.: 1-57
PROJECT NO.: GEOLOGIST:
WELL DIAMETER: SCREEN LENGTH/DEPTH: TEST NO.: 2
STATIC WATER LEVEL (Depth/Elevation): DATE:
TEST TYPE (Rising/Falling/Constant Head): CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: PAGE 2 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	~~CORRECTION~~ Δh	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	0.33	18.84	1.31			
	0.41	18.76	1.23			
	0.50	18.70	1.17			
	0.58	18.62	1.09			
	0.66	18.57	1.04			
	0.75	18.53	1.00			
	0.83	18.47	0.94			
	0.91	18.42	0.89			
	1.0	18.37	0.84			
	1.08	18.34				
	1.16	18.37	0.84			
	1.25	18.27	0.74			
	1.33	18.24				
	1.41	18.20	0.67			
	1.50	18.16	0.63			
	1.58	18.14				
	1.66	18.13				
	1.75	18.08	0.55			
	1.83	18.07				
	1.91	18.05				
	2.00	18.02	0.49			
	2.50	17.92	0.39			
	3.00	17.85	0.32			
	3.50	17.79	0.26			
	4.0	17.75	0.22			
	4.5	17.71	0.18			
	5.0	17.69	0.16			
	5.5	17.67	0.14			
	6.0	17.64	0.11			

ATTACHMENT A

HYDRAULIC CONDUCTIVITY TESTING DATA SHEET — **NUS CORPORATION**

PROJECT NAME: Tinker AFB — WELL/BORING NO.: 1-57
PROJECT NO.: 4M41 — GEOLOGIST: J. Wedekind / L. Basilio
WELL DIAMETER: 2" — SCREEN LENGTH/DEPTH: 10' 10-20 — TEST NO.: 2
STATIC WATER LEVEL (Depth/Elevation): 17.53 / — DATE:
TEST TYPE (Rising/Falling/Constant Head): — CHECKED:
METHOD OF INDUCING WATER LEVEL CHANGE: — PAGE 3 OF 3

TIME	ELAPSED TIME (min. or sec.)	MEASURED DEPTH TO WATER (ft.)	~~CORRECTION~~ Δh	DEPTH TO WATER (ft.)	DRAWDOWN OR HEAD (ft.)	REMARKS
	6.5	17.63	0.10			
	7.0	17.62	0.09			
	7.5	17.61				
	8.0	17.60				
	8.5	17.59				
	9.0	17.59				
	9.5	17.58				
	10.0	17.58				
	12.0	17.57				
	14.0	17.56				
	16.0	17.54				
	18.0	17.54				
	20.0	17.54				
	22.0	17.54				
	24.0	17.54				
	26.0	17.54				
	28.0	17.54				

SLUG TEST FORMULA CALCULATIONS (/SLUGCALC)
by: Allan Jenkins and Jonathan Lewis, Rev. 1, 10-30-89

DATE: june 7, 1989
JOB NO: 4M41
WELL NO: 1-57
CALC BY: James Wedekind

INPUT DATA (FROM DATA SHEET) (if no value, LEAVE BLANK)

WELL PIPE RADIUS (ft) =	0.08
BORING RADIUS (ft) =	0.33
FILTER PACK POROSITY =	0.3
A (from chart) =	2.6
B (from chart) =	0.4
C (from chart) =	
D, DEPTH TO IMPERMEABLE BOUNDARY (ft) =	22.47
Dd, = ln((D-H)/Rw) =	3.6
H, HEIGHT OF WELL BELOW WATER TABLE (ft) =	10.11
L, HEIGHT THROUGH WHICH WATER ENTERS WELL (ft) =	10.11
Rw, RADIUS FROM WELL CENTER TO AQUIFER (ft) =	0.33
T, TIME IN SECONDS (Tt-To) =	135
Yo, STARTING Y (ft) =	0.55
Yt, ENDING Y (ft) =	0.21

CALCULATE Rc

Rc = 0.192743

CONDITION 1, PARTIALLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 2.206038

CONDITION 2, FULLY PENETRATING WELL

CALCULATE ln(Re/Rw)

ln(Re/Rw) = 0

FIND HYDRAULIC CONDUCTIVITY (K)

THE VALUE OF ln(Re/Rw) IS: 2.206038

CALCULATION

K in ft/sec = 2.89E-05

K in cm/sec = 8.81E-04

APPENDIX A-4

ENG!NEERING SURVEY DATA

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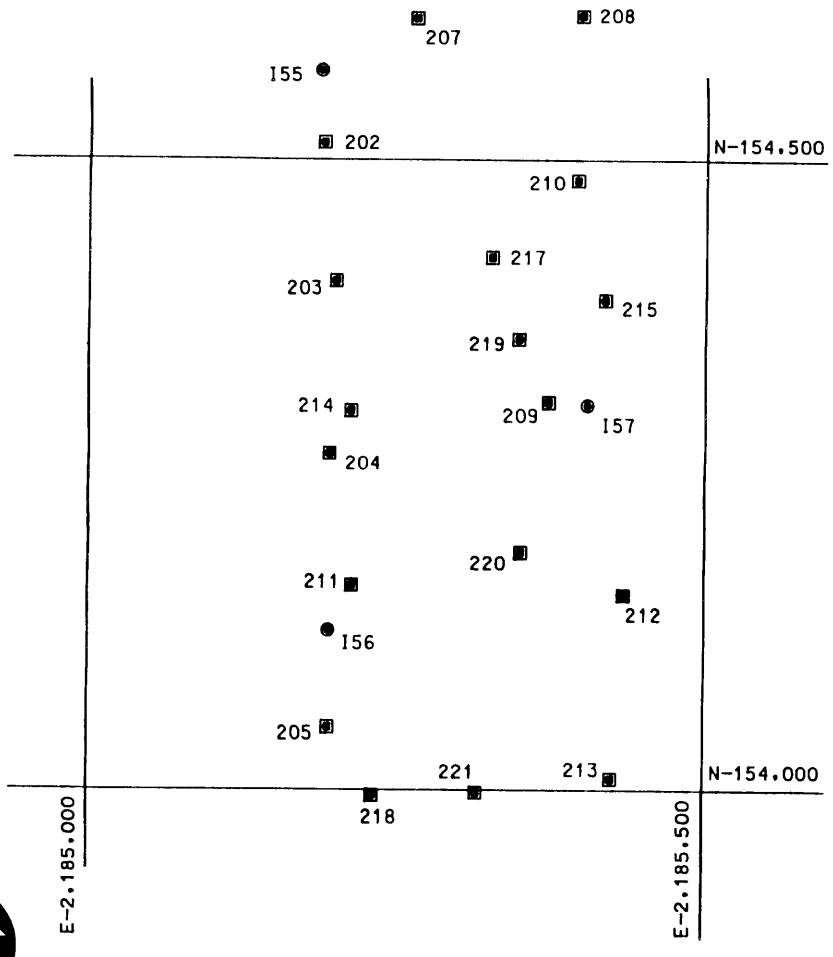

WELL	COORDINATES NORTHING	COORDINATES EASTING	TOP OF WELL ELEV.	TOP OF CASING ELEV.
155	2,185,189.744	154,572.313	1276.24	1275.78
156	2,185,197.182	154,127.845	1276.40	1276.04
157	2,185,404.710	154,305.390	1276.53	1276.17

BORING	COORDINATES NORTHING	COORDINATES EASTING	GND. EVEV.
202	2,185,190.466	154,513.532	1276.33
203	2,185,202.015	154,402.503	1276.37
204	2,185,196.070	154,265.390	1276.11
205	2,185,197.514	154,049.947	1276.35
207	2,185,266.017	154,614.356	1276.50
208	2,185,398.127	154,615.949	1276.50
209	2,185,372.906	154,307.095	1276.52
210	2,185,395.041	154,484.337	1276.56
211	2,185,216.227	154,162.519	1276.57
212	2,185,433.087	154,154.318	1276.59
213	2,185,429.366	154,008.810	1276.51
214	2,185,214.882	154,299.353	1276.53
215	2,185,417.617	154,388.648	1276.56
217	2,185,326.995	154,422.708	1276.49
218	2,185,234.036	154,995.320	1276.67
219	2,185,348.084	154,354.867	1276.55
220	2,185,350.834	154,187.889	1276.51
221	2,185,316.217	154,997.499	1276.62

LEGEND

EXIST. MONITORING WELL ●

EXIST SOIL BORING ■

GRAPHIC SCALE

100′ 50′ 0 100′ 200′ 300′

NOTES:

1) WELL AND BORING LOCATIONS PROVIDED BY ARNOLD IRWIN - SURVEYOR, MUSTANG, OKLAHOMA.
2) BENCH MARK LOCATED AT OKLAHOMA STATE PLANE COORDINATE E -2,186,531.75 AND N-152,486.81 AND AT AN ELEVATION OF 1296.81 MSL.

HALLIBURTON NUS Environmental Corporation

TITLE MONITORING WELL AND SOIL BORING LOCATIONS IN PLATING FACILITY WITHIN BLDG. 3001

TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

DRAWING NO. 4M42G004 DATE 10/29/91

APPENDIX B

ANALYTICAL DATA SUMMARY TABLES AND LABORATORY ANALYSIS DATA SHEETS

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APPENDIX B-1

VOLATILE ORGANIC COMPOUNDS IN SOIL - MIXED-ACID SUMP

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R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TEN

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 µg/kg	T-SU-SB114B 2-2.5 µg/kg	T-SU-SB114C 3.5-4 µg/kg	T-SU-SB115A 1-1.5 µg/kg	T-SU-SB115B 2-2.5 µg/kg	T-SU-SB115C 3.5-4 µg/kg	T-SU-SB116A 1-1.5 µg/kg	T-SU-SB116B 2-2.5 µg/kg	T-SU-SB116C 3.5-4 µg/kg
Volatile Organic Compounds[a]									
1,2-Dichloropropane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Trichloroethene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Dibromochloromethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Benzene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Bromoform	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
4-Methyl-2-pentanone	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
2-Hexanone	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Tetrachloroethene	6 U	7 U	8	7 U	8	7 U	6 U	6 U	6 U
Toluene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Chlorobenzene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Ethylbenzene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Styrene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Xylene (total)	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE NINE

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 µg/kg	T-SU-SB114B 2-2.5 µg/kg	T-SU-SB114C 3.5-4 µg/kg	T-SU-SB115A 1-1.5 µg/kg	T-SU-SB115B 2-2.5 µg/kg	T-SU-SB115C 3.5-4 µg/kg	T-SU-SB116A 1-1.5 µg/kg	T-SU-SB116B 2-2.5 µg/kg	T-SU-SB116C 3.5-4 µg/kg
Volatile Organic Compounds[a]									
Chloromethane	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Bromomethane	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Vinyl Chloride	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Chloroethane	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Methylene Chloride	6 U	7 U	15 U	5 U	12 U	10 U	6 U	6 U	6 U
Acetone	19 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Carbon Disulfide	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,1-Dichloroethene	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,1-Dichloroethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,2-Dichloroethene (total)	6 U	7 U	4 J	7 U	6 U	3 J	6 U	6 U	4 J
Chloroform	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
2-Butanone	13 R	14 R	13 R	13 R	13 R	13 R	13 R	12 R	13 R
1,1,1-Trichloroethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Carbon Tetrachloride	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U
Vinyl Acetate	13 U	14 U	13 U	13 U	13 U	13 U	13 U	12 U	13 U
Bromodichloromethane	6 U	7 U	6 U	7 U	6 U	7 U	6 U	6 U	6 U

Data Qualifier Legend
Samples collected February 15, 1990 to March 23, 1990.
(a) - Target compound list for volatile organic compounds.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend
A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE EIGHT

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 µg/kg	T-SU-SB111B 2-2.5 µg/kg	T-SU-SB111C 3.5-4 µg/kg	T-SU-SB112A 1-1.5 µg/kg	T-SU-SB112X 1-1.5 µg/kg	T-SU-SB112B 2-2.5 µg/kg	T-SU-SB113A 1-1.5 µg/kg	T-SU-SB113B 2-2.5 µg/kg	T-SU-SB113C 3.5-4 µg/kg
Volatile Organic Compounds[a]									
1,2-Dichloropropane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
cis-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Trichloroethene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Dibromochloromethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
1,1,2-Trichloroethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Benzene	6 U	6 U	6 U	5 U	5 U	5 U	6 U	7 U	6 U
trans-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Bromoform	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
4-Methyl-2-pentanone	1 J	11 U	11 U	11 UJ	11 UJ	11 U	12 U	13 UJ	13 U
2-Hexanone	12 UJ	11 U	11 U	11 UJ	11 UJ	11 U	12 U	13 UJ	13 U
Tetrachloroethene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	10	9
Toluene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
1,1,2,2-Tetrachloroethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Chlorobenzene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Ethylbenzene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Styrene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Xylene (total)	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 µg/kg	T-SU-SB111B 2-2.5 µg/kg	T-SU-SB111C 3.5-4 µg/kg	T-SU-SB112A 1-1.5 µg/kg	T-SU-SB112X 1-1.5 µg/kg	T-SU-SB112B 2-2.5 µg/kg	T-SU-SB113A 1-1.5 µg/kg	T-SU-SB113B 2-2.5 µg/kg	T-SU-SB113C 3.5-4 µg/kg
Volatile Organic Compounds[a]									
Chloromethane	12 U	11 UJ	11 UJ	11 U	11 U	11 UJ	12 U	13 U	13 U
Bromomethane	12 U	11 U	11 U	11 U	11 U	11 U	12 U	13 U	13 U
Vinyl Chloride	12 U	11 U	11 U	11 U	11 U	11 U	12 U	13 U	13 U
Chloroethane	12 UJ	11 U	11 U	11 U	11 U	11 U	12 U	13 U	13 U
Methylene Chloride	6 U	5 U	6 U	5 U	5 U	5 U	6 U	7 U	8 U
Acetone	21 U	11 U	11 U	12 U	13 U	11 U	55 U	54 U	10 U
Carbon Disulfide	6 U	5 U	5 U	5 U	5 U	5 UJ	6 U	7 U	6 U
1,1-Dichloroethene	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
1,1-Dichloroethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
1,2-Dichloroethene (total)	6 U	5 U	5 U	5 U	5 U	5 U	6 U	2 J	6 U
Chloroform	6 U	6 U	6 U	5 U	5 U	5 U	6 U	7 U	6 U
1,2-Dichloroethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
2-Butanone	3 J	11 U	3 J	3 J	4 J	11 U	12 R	13 R	13 R
1,1,1-Trichloroethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Carbon Tetrachloride	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U
Vinyl Acetate	12 U	11 U	11 U	0.3 J	11 U	11 U	12 U	13 U	13 U
Bromodichloromethane	6 U	5 U	5 U	5 U	5 U	5 U	6 U	7 U	6 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 µg/kg	T-SU-SB107B 2-2.5 µg/kg	T-SU-SB107C 3.5-4 µg/kg	T-SU-SB108A 1-1.5 µg/kg	T-SU-SB108B 2.2.5 µg/kg	T-SU-SB109A 1-1.5 µg/kg	T-SU-SB109B 2-2.5 µg/kg	T-SU-SB109C 3.5-4 µg/kg	T-SU-SB111A 1-1.5 µg/kg
Volatile Organic Compounds[a]									
1,2-Dichloropropane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
cis-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Trichloroethene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Dibromochloromethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
1,1,2-Trichloroethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Benzene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Bromoform	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
4-Methyl-2-pentanone	2 J	11 U	11 UJ	10 UJ	10 UJ	1 J	11 UJ	11 UJ	1 J
2-Hexanone	11 UJ	11 U	11 UJ	10 UJ	10 UJ	12 UJ	11 UJ	11 UJ	11 U
Tetrachloroethene	6 U	5 U	5 U	5 U	15 U	6 U	6 U	5 U	5 U
Toluene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
1,1,2,2-Tetrachloroethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Chlorobenzene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Ethylbenzene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Styrene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Xylene (total)	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 µg/kg	T-SU-SB107B 2-2.5 µg/kg	T-SU-SB107C 3.5-4 µg/kg	T-SU-SB108A 1-1.5 µg/kg	T-SU-SB108B 2-2.5 µg/kg	T-SU-SB109A 1-1.5 µg/kg	T-SU-SB109B 2-2.5 µg/kg	T-SU-SB109C 3.5-4 µg/kg	T-SU-SB111A 1-1.5 µg/kg
Volatile Organic Compounds[a]									
Chloromethane	11 U	11 UJ	11 U	10 U	10 U	12 U	11 U	11 U	11 UJ
Bromomethane	11 U	11 U	11 U	10 U	10 U	12 U	11 U	11 U	11 U
Vinyl Chloride	11 U	11 U	11 U	10 U	10 U	12 U	11 U	11 U	11 U
Chloroethane	11 U	11 U	11 U	10 UJ	10 U	12 UJ	11 U	11 U	11 U
Methylene Chloride	6 U	5 U	5 U	5 U	5 U	6 U	6 U	6 U	6 U
Acetone	38 U	11 U	11 U	39 U	10 U	12 U	10 U	11 U	11 U
Carbon Disulfide	6 U	5 U	5 U	5 U	5 U	6 U	6 U	0.1 J	5 U
1,1-Dichloroethene	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
1,1-Dichloroethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
1,2-Dichloroethene (total)	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Chloroform	6 U	5 U	5 U	5 U	5 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	6 U	5 U
2-Butanone	11 R	11 U	11 R	10 R	10 R	12 R	11 R	11 R	3 J
1,1,1-Trichloroethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Carbon Tetrachloride	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Vinyl Acetate	11 U	11 U	11 U	10 U	10 U	12 U	11 U	11 U	11 U
Bromodichloromethane	6 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds. Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 µg/kg	T-SU-SB104B 2-2.5 µg/kg	T-SU-SB104C 3.5-4 µg/kg	T-SU-SB105A 1-1.5 µg/kg	T-SU-SB105X 1-1.5 µg/kg	T-SU-SB105B 2-2.5 µg/kg	T-SU-SB105C 3.5-4 µg/kg	T-SU-SB106A 1-1.5 µg/kg	T-SU-SB106X 1-1.5 µg/kg
Volatile Organic Compounds[a]									
1,2-Dichloropropane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
cis-1,3-Dichloropropene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Trichloroethene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Dibromochloromethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Benzene	5 U	6 U	5 U	6 U	5 U	3 J	6 U	6 U	5 U
trans-1,3-Dichloropropene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Bromoform	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
4-Methyl-2-pentanone	11 U	12 UJ	11 UJ	12 U	11 U	11 U	13 UJ	1 J	11 UJ
2-Hexanone	11 U	12 UJ	11 UJ	12 U	11 U	11 U	13 U	12 UJ	11 UJ
Tetrachloroethene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Toluene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Chlorobenzene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Ethylbenzene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Styrene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Xylene (total)	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 µg/kg	T-SU-SB104B 2-2.5 µg/kg	T-SU-SB104C 3.5-4 µg/kg	T-SU-SB105A 1-1.5 µg/kg	T-SU-SB105X 1-1.5 µg/kg	T-SU-SB105B 2-2.5 µg/kg	T-SU-SB105C 3.5-4 µg/kg	T-SU-SB106A 1-1.5 µg/kg	T-SU-SB106X 1-1.5 µg/kg
Volatile Organic Compounds[a]									
Chloromethane	11 U	12 U	11 U	12 U	11 U	11 U	13 U	12 U	11 U
Bromomethane	11 U	12 U	11 U	12 U	11 U	11 U	13 U	12 U	11 U
Vinyl Chloride	11 U	12 U	11 U	12 U	11 U	11 U	13 U	12 U	11 U
Chloroethane	11 U	12 UJ	11 UJ	12 U	11 U	11 U	13 U	12 UJ	11 U
Methylene Chloride	5 U	6 U	5 U	6 U	5 U	2 U	12 U	6 U	5 U
Acetone	11 U	12 U	11 U	13 U	15 U	10 U	65 U	26 U	11 U
Carbon Disulfide	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene (total)	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Chloroform	5 U	6 U	5 U	6 U	5 U	2 BJ	6 U	6 U	5 U
1,2-Dichloroethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
2-Butanone	11 U	12 R	11 R	R	11 U	11 R	13 R	12 R	11 R
1,1,1-Trichloroethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U
Vinyl Acetate	11 U	12 U	11 U	12 U	11 U	11 U	13 U	12 U	11 U
Bromodichloromethane	5 U	6 U	5 U	6 U	5 U	6 U	6 U	6 U	5 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A)
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 µg/kg	T-SU-SB101X 1-1.5 µg/kg	T-SU-SB101B 2-2.5 µg/kg	T-SU-SB101C 3.5-4 µg/kg	T-SU-SB102A 1-1.5 µg/kg	T-SU-SB102B 2-2.5 µg/kg	T-SU-SB102C 3.5-4 µg/kg	T-SU-SB103A 1-1.5 µg/kg	T-SU-SB103B 2-2.5 µg/kg
Volatile Organic Compounds[a]									
1,2-Dichloropropane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
cis-1,3-Dichloropropene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Trichloroethene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Dibromochloromethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,1,2-Trichloroethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Benzene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
trans-1,3-Dichloropropene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Bromoform	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
4-Methyl-2-pentanone	11 U	11 U	11 U	11 U	11 U	12 UJ	11 UJ	11 U	11 UJ
2-Hexanone	11 U	11 U	11 U	11 U	11 U	12 UJ	11 UJ	11 U	11 UJ
Tetrachloroethene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Toluene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,1,2,2-Tetrachloroethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Chlorobenzene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Ethylbenzene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Styrene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Xylene (total)	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-1

VOLATILE ORGANIC COMPOUNDS IN SOILS
MIXED-ACID SUMP-PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 µg/kg	T-SU-SB101X 1-1.5 µg/kg	T-SU-SB101B 2-2.5 µg/kg	T-SU-SB101C 3.5-4 µg/kg	T-SU-SB102A 1-1.5 µg/kg	T-SU-SB102B 2-2.5 µg/kg	T-SU-SB102C 3.5-4 µg/kg	T-SU-SB103A 1-1.5 µg/kg	T-SU-SB103B 2-2.5 µg/kg
Volatile Organic Compounds[a]									
Chloromethane	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U
Bromomethane	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U
Vinyl Chloride	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U
Chloroethane	11 U	11 U	11 U	11 U	11 U	12 UJ	11 UJ	11 U	11 UJ
Methylene Chloride	6 U	6 U	5 U	5 U	6 U	6 U	5 U	4 U	6 U
Acetone	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	13 U
Carbon Disulfide	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,1-Dichloroethene	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,1-Dichloroethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,2-Dichloroethene (total)	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Chloroform	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
1,2-Dichloroethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
2-Butanone	11 U	11 U	11 R	11 R	11 U	12 R	11 R	11 R	0.7 R
1,1,1-Trichloroethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Carbon Tetrachloride	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U
Vinyl Acetate	11 U	11 U	11 U	11 U	11 U	12 U	11 U	11 U	11 U
Bromodichloromethane	6 U	6 U	5 U	5 U	6 U	6 U	5 U	5 U	6 U

Data Qualifier Legend

(a) - Target compound list for volatile organic compounds.
Samples collected February 15, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5' below the land surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5' below the land surface (i.e., SB101B).
C - Soil sample collected 3.5 to 4' below the land surface (i.e., SB101C).
X - Duplicate sample (i.e., SB201X).

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118378

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF02219002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 Date Analyzed: 02/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	11 U
74-83-9	Bromomethane	11 U
75-01-4	Vinyl Chloride	11 U
75-00-3	Chloroethane	11 U
75-09-2	Methylene Chloride	6 U
67-64-1	Acetone	11 U
75-15-0	Carbon Disulfide	6 U
75-35-4	1,1-Dichloroethene	6 U
75-34-3	1,1-Dichloroethane	6 U
540-59-0	1,2-Dichloroethene (total)	6 U
67-66-3	Chloroform	6 U
107-06-2	1,2-Dichloroethane	6 U
78-93-3	2-Butanone	11 U
71-55-6	1,1,1-Trichloroethane	6 U
56-23-5	Carbon Tetrachloride	6 U
108-05-4	Vinyl Acetate	11 U
75-27-4	Bromodichloromethane	6 U
78-87-5	1,2-Dichloropropane	6 U
10061-01-5	cis-1,3-Dichloropropene	6 U
79-01-6	Trichloroethene	6 U
124-48-1	Dibromochloromethane	6 U
79-00-5	1,1,2-Trichloroethane	6 U
71-43-2	Benzene	6 U
10061-02-6	trans-1,3-Dichloropropene	6 U
75-25-2	Bromoform	6 U
108-10-1	4-Methyl-2-Pentanone	11 U
591-78-6	2-Hexanone	11 U
127-18-4	Tetrachloroethene	6 U
79-34-5	1,1,2,2-Tetrachloroethane	6 U
108-88-3	Toluene	6 U
108-90-7	Chlorobenzene	6 U
100-41-4	Ethylbenzene	6 U
100-42-5	Styrene	6 U
1330-20-7	Xylene (total)	6 U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118381

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP02219005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 11 Date Analyzed: 02/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118403

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249008

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 8 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5 ~~1~~	U
67-64-1	Acetone	11 ~~5~~	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118404

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249009

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG 0

CAS NO.	COMPOUND		
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5 ~~1~~	U
67-64-1	Acetone	11 ~~7~~	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5 ~~2~~	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB102A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118382

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP02239003

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 11 Date Analyzed: 02/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB102B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118405

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259001

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 15 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	6 ~~1~~	U
67-64-1	Acetone	12 ~~8~~	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6 ~~1~~	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB102C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118406

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 5 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	5 ~~1~~	~~B~~ U
67-64-1	Acetone	11 ~~8~~	~~B~~ U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1.2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5 ~~2~~	~~B~~ U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB103A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118383

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239016

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 Date Analyzed: 02/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	4	~~BJ~~ U MJB 10/29-91
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB103B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118407

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02259003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	6 ~~1~~	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~1~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	0.7	R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	~~U~~ UJ
591-78-6	2-Hexanone	11	~~U~~ UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB104A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118384

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP02239005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 Date Analyzed: 02/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB104B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118408

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259004

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 14 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	~~1~~ 6	U
67-64-1	Acetone	~~28~~ 12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	~~1~~ 6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 0.

TSUSB104C

) Name: NUS HOUSTON Contract: 4M410

) Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

trix: (soil/water) SOIL Lab Sample ID: H118409

mple wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02259005

vel: (low/med) LOW Date Received: 02/17/90

Moisture: not dec. 8 Date Analyzed: 02/25/90

lumn: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5 ~~1~~	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5 ~~2~~	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5 ~~3~~	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB105A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118385

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239017

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 19 Date Analyzed: 02/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	~~2~~	~~BJ~~
67-64-1	Acetone	6U 13	~~B~~ U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	~~BJ~~ U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6 ~~1~~	~~BJ~~ U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6 ~~2~~	~~B~~ U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB105X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118388

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP02239006

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 Date Analyzed: 02/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	15	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB105B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118389

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239019

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	2	~~BJ~~ U } MSB
67-64-1	Acetone	10	~~BJ~~ U } 10/29-91
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	2	BJ
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	3	J
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB105C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118390

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259017

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 23 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	65	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	UJ
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB106A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118412

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG 0

CAS NO.	COMPOUND		
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	0 ~~1~~	u
67-64-1	Acetone	26	u
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	1	J
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB106X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118413

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259007

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5 ~~1~~	U
67-64-1	Acetone	11 ~~8~~	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5 ~~1~~	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5 ~~2~~	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB107A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118414

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259008

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6 ~~1~~	[redacted]
67-64-1	Acetone	38	[redacted]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	2	[redacted]J
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB107B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118420

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02289006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 7 Date Analyzed: 02/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5U ~~2~~	[illegible]
67-64-1	Acetone	11U ~~5~~	[illegible]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5U ~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5U ~~1~~	[illegible]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB107C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118421

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02269007

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 7 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	~~2~~ 5U	[illegible]
67-64-1	Acetone	11U ~~10~~	[illegible]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	~~2~~ 5U	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~U~~R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB108A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118415

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259009

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 3 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	5ul	[redacted]
67-64-1	Acetone	39	[redacted] u
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5ul	[redacted]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	UJ
591-78-6	2-Hexanone	10	UJ
127-18-4	Tetrachloroethene	5ul	[redacted]
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB108B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118422

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP0226900E

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 2 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	~~5~~ 5U	[redacted]
67-64-1	Acetone	~~10~~ 10U	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	~~1~~ 5U	[redacted]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	~~2~~ 5U	[redacted]
10061-02-~~6~~	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-~~6~~	2-Hexanone	10	U
127-18-4	Tetrachloroethene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	~~0.8~~ 5U	[redacted]
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB109A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118416

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02259010

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	6U ~~1~~	~~B~~
67-64-1	Acetone	12U ~~8~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~1~~	~~B~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6U ~~3~~	~~B~~
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	1	J
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB109B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118423

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02279001

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 Date Analyzed: 02/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6 ~~2~~	[illegible]
67-64-1	Acetone	10 U	[illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB109B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118423

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02279001

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 Date Analyzed: 02/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	~~2~~ 6	[illegible]
67-64-1	Acetone	10	U [illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	6 6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB109C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118424

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02279002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 7 Date Analyzed: 02/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	[redacted]
67-64-1	Acetone	11U ~~7~~	[redacted]
75-15-0	Carbon Disulfide	0.1	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6U ~~2~~	[redacted]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	6U ~~3~~	[redacted]
10061-02-~~6~~	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-~~6~~	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB111A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118427

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02289003

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 Date Analyzed: 02/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	[redacted]
67-64-1	Acetone	11U ~~8~~	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6U ~~2~~	[redacted]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	6U ~~4~~	[redacted]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	1	J
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB111X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118417

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259011

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 14 Date Analyzed: 02/25/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	6u ~~1~~	~~B~~
67-64-1	Acetone	21	~~B~~u
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6u ~~1~~	~~B~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	3	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6u ~~2~~	~~B~~
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	1	J
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB111B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118425

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02289001

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 Date Analyzed: 02/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11 ~~8~~	[illegible]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6 ~~1~~	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	6 ~~1~~	[illegible]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB111C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118426

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02289002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 Date Analyzed: 02/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	[illegible]
67-64-1	Acetone	11U ~~5~~	[illegible]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6U ~~1~~	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	6U ~~3~~	[illegible]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB112A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118418

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02259012

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5U ~~1~~	[illegible]
67-64-1	Acetone	12	[illegible] U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5U ~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	[illegible] J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	0.3	J
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	6U ~~2~~	[illegible]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB112X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118419

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02269006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5U ~~2~~	[illegible]
67-64-1	Acetone	13	[illegible]U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5U ~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	4	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5U ~~2~~ ~~BJ~~	
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5U ~~[illegible]~~	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB112B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118521

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03019003

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 8 Date Analyzed: 03/01/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	UJ
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118391

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239020

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 17 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6 ~~2~~	U
67-64-1	Acetone	55	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118392

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02269003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 Date Analyzed: 02/26/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7 ~~4~~	[redacted] U
67-64-1	Acetone	54	[redacted] U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	2	J
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7 ~~4~~	[redacted] U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	UJ
591-78-6	2-Hexanone	13	UJ
127-18-4	Tetrachloroethene	10	
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118393

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239021

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 22 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	8	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	2	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	9	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118394

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239025

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6 ~~3~~	U
67-64-1	Acetone	19	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118395

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02239026

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 26 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	7 ~~4~~	U
67-64-1	Acetone	14 ~~7~~	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	1 ~~2~~	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	14	~~U~~ R
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	14	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118396

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02249001

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 22 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	15	U
67-64-1	Acetone	13 ~~6~~	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	4	J
67-66-3	Chloroform	6 ~~3~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	8	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118397

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	13 ~~8~~	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7 ~~8~~	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7 ~~8~~	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118398

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 23 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	8	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118399

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249004

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	13 ~~7~~	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	3	J
67-66-3	Chloroform	7 ~~3~~	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	~~U~~ R
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7 ~~5~~	~~J~~ U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118400

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6 ~~3~~	[redacted] U
67-64-1	Acetone	13 ~~5~~	[redacted] U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	[redacted] U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	~~U~~R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118401

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF02249006

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 18 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6 ~~3~~	U
67-64-1	Acetone	12 ~~4~~	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 ~~2~~	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118402

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP02249007

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 23 Date Analyzed: 02/24/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6 ~~2~~	U
67-64-1	Acetone	13 ~~5~~	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	4	J
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSBB001A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF0328900F

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 25 Date Analyzed: 03/29/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

APPENDIX B-2

SEMIVOLATILE ORGANIC COMPOUNDS IN SOIL - MIXED-ACID SUMP

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TABLE B-2

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 µg/kg	T-SU-SB101X 1-1.5 µg/kg	T-SU-SB101B 2-2.5 µg/kg	T-SU-SB101C 3.5-4 µg/kg	T-SU-SB102A 1-1.5 µg/kg	T-SU-SB102B 2-2.5 µg/kg	T-SU-SB102C 3.5-4 µg/kg	T-SU-SB103A 1-1.5 µg/kg	T-SU-SB103B 2-2.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Bis(2-Chloroethyl)ether	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2-Chlorophenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
1,3-Dichlorobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
1,4-Dichlorobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzyl Alcohol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
1,2-Dichlorobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2-Methylphenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Bis(2-Chloroisopropyl)ether	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Methylphenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
N-Nitroso-di-n-dipropylamine	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Hexachloroethane	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Nitrobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Isophorone	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2-Nitrophenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4-Dimethylphenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzoic Acid	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
Bis(2-Chloroethoxy)methane	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4-Dichlorophenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
1,2,4-Trichlorobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Naphthalene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Chloroaniline	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Hexachlorobutadiene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 µg/kg	T-SU-SB101X 1-1.5 µg/kg	T-SU-SB101B 2-2.5 µg/kg	T-SU-SB101C 3.5-4 µg/kg	T-SU-SB102A 1-1.5 µg/kg	T-SU-SB102B 2-2.5 µg/kg	T-SU-SB102C 3.5-4 µg/kg	T-SU-SB103A 1-1.5 µg/kg	T-SU-SB103B 2-2.5 µg/kg
Semi-Volatile Organic Compounds[a]									
2-Methylnaphthalene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Hexachlorocyclopentadiene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4,6-Trichlorophenol	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4,5-Trichlorophenol	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
2-Chloronaphthalene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2-Nitroaniline	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
Dimethylphthalate	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Acenaphthylene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,6-Dinitrotoluene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
3-Nitroaniline	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
Acenaphthene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4-Dinitrophenol	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
4-Nitrophenol	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
Dibenzofuran	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
2,4-Dinitrotoluene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Diethylphthalate	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Chlorophenyl-phenyl ether	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Fluorene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Nitroaniline	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
4,6-Dinitro-2-methylphenol	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U
N-nitrosodiphenylamine	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
4-Bromophenyl-phenylether	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Hexachlorobenzene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Pentachlorophenol	1,800 U	NA	1,700 U	NA	1,800 U	1,900 U	NA	1,800 U	1,800 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 µg/kg	T-SU-SB101X 1-1.5 µg/kg	T-SU-SB101B 2-2.5 µg/kg	T-SU-SB101C 3.5-4 µg/kg	T-SU-SB102A 1-1.5 µg/kg	T-SU-SB102B 2-2.5 µg/kg	T-SU-SB102C 3.5-4 µg/kg	T-SU-SB103A 1-1.5 µg/kg	T-SU-SB103B 2-2.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenanthrene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Anthracene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Di-n-butylphthalate	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Fluoranthene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Pyrene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Butylbenzylphthalate	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	25 U
3,3'-Dichlorobenzidine	730 U	NA	720 U	NA	740 U	780 U	NA	730 U	730 U
Benzo(a)anthracene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Chrysene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Bis(2-Ethylhexyl)phthalate	370 U	NA	360 U	NA	370 U	36 U	NA	360 U	370 U
Di-n-octylphthalate	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzo(b)fluoranthene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzo(k)fluoranthene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzo(a)pyrene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Indeno(1,2,3-cd)pyrene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Dibenzo(1,h)anthracene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U
Benzo(g,h,i)perylene	370 U	NA	360 U	NA	370 U	390 U	NA	360 U	370 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

TABLE B-2

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 µg/kg	T-SU-SB104B 2-2.5 µg/kg	T-SU-SB104C 3.5-4 µg/kg	T-SU-SB105A 1-1.5 µg/kg	T-SU-SB105X 1-1.5 µg/kg	T-SU-SB105B 2-2.5 µg/kg	T-SU-SB105C 3.5-4 µg/kg	T-SU-SB106A 1-1.5 µg/kg	T-SU-SB106X 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Bis(2-Chloroethyl)ether	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2-Chlorophenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
1,3-Dichlorobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
1,4-Dichlorobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzyl Alcohol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
1,2-Dichlorobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2-Methylphenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Bis(2-Chloroisopropyl)ether	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Methylphenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
N-Nitroso-di-n-dipropylamine	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Hexachloroethane	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Nitrobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Isophorone	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2-Nitrophenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4-Dimethylphenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzoic Acid	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
Bis(2-Chloroethoxy)methane	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4-Dichlorophenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
1,2,4-Trichlorobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Naphthalene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Chloroaniline	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Hexachlorobutadiene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 µg/kg	T-SU-SB104B 2-2.5 µg/kg	T-SU-SB104C 3.5-4 µg/kg	T-SU-SB105A 1-1.5 µg/kg	T-SU-SB105X 1-1.5 µg/kg	T-SU-SB105B 2-2.5 µg/kg	T-SU-SB105C 3.5-4 µg/kg	T-SU-SB106A 1-1.5 µg/kg	T-SU-SB106X 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
2-Methylnaphthalene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Hexachlorocyclopentadiene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4,6-Trichlorophenol	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4,5-Trichlorophenol	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
2-Chloronaphthalene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2-Nitroaniline	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
Dimethylphthalate	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Acenaphthylene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,6-Dinitrotoluene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
3-Nitroaniline	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
Acenaphthene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4-Dinitrophenol	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
4-Nitrophenol	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
Dibenzofuran	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
2,4-Dinitrotoluene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Diethylphthalate	6 J	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Chlorophenyl-phenyl ether	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Fluorene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Nitroaniline	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
4,6-Dinitro-2-methylphenol	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA
N-nitrosodiphenylamine	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
4-Bromophenyl-phenylether	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Hexachlorobenzene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Pentachlorophenol	1,800 U	1,900 U	NA	2,000 U	NA	NA	NA	1,900 U	NA

Data Qualifier Legend
(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate or imprecise.

Sample Number Legend
A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 µg/kg	T-SU-SB104B 2-2.5 µg/kg	T-SU-SB104C 3.5-4 µg/kg	T-SU-SB105A 1-1.5 µg/kg	T-SU-SB105X 1-1.5 µg/kg	T-SU-SB105B 2-2.5 µg/kg	T-SU-SB105C 3.5-4 µg/kg	T-SU-SB106A 1-1.5 µg/kg	T-SU-SB106X 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenanthrene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Anthracene	360 J	380 U	NA	410 U	NA	NA	NA	390 U	NA
Di-n-butylphthalate	28 J	300 J	NA	410 U	NA	NA	NA	390 U	NA
Fluoranthene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Pyrene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Butylbenzylphthalate	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
3,3'-Dichlorobenzidine	730 U	770 U	NA	820 U	NA	NA	NA	780 U	NA
Benzo(a)anthracene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Chrysene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Bis(2-Ethylhexyl)phthalate	360 U	390	NA	410 U	NA	NA	NA	390 U	NA
Di-n-octylphthalate	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzo(b)fluoranthene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzo(k)fluoranthene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzo(a)pyrene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Indeno(1,2,3-cd)pyrene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Dibenzo(1,h)anthracene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA
Benzo(g,h,i)perylene	360 U	380 U	NA	410 U	NA	NA	NA	390 U	NA

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 µg/kg	T-SU-SB107B 2-2.5 µg/kg	T-SU-SB107C 2.5-4 µg/kg	T-SU-SB108A 1-1.5 µg/kg	T-SU-SB108B 2-2.5 µg/kg	T-SU-SB109A 1-1.5 µg/kg	T-SU-SB109B 2-2.5 µg/kg	T-SU-SB109C 3.5-4 µg/kg	T-SU-SB111A 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Bis(2-Chloroethyl)ether	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2-Chlorophenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
1,3-Dichlorobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
1,4-Dichlorobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzyl Alcohol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
1,2-Dichlorobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2-Methylphenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Bis(2-Chloroisopropyl)ether	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Methylphenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
N-Nitroso-di-n-dipropylamine	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Hexachloroethane	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Nitrobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Isophorone	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2-Nitrophenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,4-Dimethylphenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzoic Acid	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	360 U
Bis(2-Chloroethoxy)methane	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	1,700 U
2,4-Dichlorophenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
1,2,4-Trichlorobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Naphthalene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Chloroaniline	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Hexachlorobutadiene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE EIGHT

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 µg/kg	T-SU-SB107B 2-2.5 µg/kg	T-SU-SB107C 2.5-4 µg/kg	T-SU-SB108A 1-1.5 µg/kg	T-SU-SB108B 2-2.5 µg/kg	T-SU-SB109A 1-1.5 µg/kg	T-SU-SB109B 2-2.5 µg/kg	T-SU-SB109C 3.5-4 µg/kg	T-SU-SB111A 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
2-Methylnaphthalene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Hexachlorocyclopentadiene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,4,6-Trichlorophenol	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,4,5-Trichlorophenol	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
2-Chloronaphthalene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2-Nitroaniline	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
Dimethylphthalate	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Acenaphthylene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,6-Dinitrotoluene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
3-Nitroaniline	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
Acenaphthene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,4-Dinitrophenol	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
4-Nitrophenol	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
Dibenzofuran	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
2,4-Dinitrotoluene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Diethylphthalate	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Chlorophenyl-phenyl ether	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Fluorene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Nitroaniline	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
4,6-Dinitro-2-methylphenol	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U
N-nitrosodiphenylamine	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
4-Bromophenyl-phenylether	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Hexachlorobenzene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Pentachlorophenol	1,800 U	1,700 U	NA	1,600 U	1,600 U	1,900 U	1,800 U	NA	1,700 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE NINE

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 µg/kg	T-SU-SB107B 2-2.5 µg/kg	T-SU-SB107C 2.5-4 µg/kg	T-SU-SB108A 1-1.5 µg/kg	T-SU-SB108B 2-2.5 µg/kg	T-SU-SB109A 1-1.5 µg/kg	T-SU-SB109B 2-2.5 µg/kg	T-SU-SB109C 3.5-4 µg/kg	T-SU-SB111A 1-1.5 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenanthrene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Anthracene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Di-n-butylphthalate	370 U	43 J	NA	45 J	340 U	390 U	370 U	NA	360 U
Fluoranthene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Pyrene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Butylbenzylphthalate	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
3,3'-Dichlorobenzidine	740 U	710 U	NA	680 U	670 U	780 U	740 U	NA	720 U
Benzo(a)anthracene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Chrysene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Bis(2-Ethylhexyl)phthalate	370 U	46 J	NA	160 J	340 U	390 U	370 U	NA	360 U
Di-n-octylphthalate	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzo(b)fluoranthene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzo(k)fluoranthene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzo(a)pyrene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Indeno(1,2,3-cd)pyrene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Dibenzo(1,h)anthracene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U
Benzo(g,h,i)perylene	370 U	350 U	NA	340 U	340 U	390 U	370 U	NA	360 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

R476911

TABLE B-2

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TEN

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 µg/kg	T-SU-SB111B 2-2.5 µg/kg	T-SU-SB111C 3.5-4 µg/kg	T-SU-SB112A 1-1.5 µg/kg	T-SU-SB112X 1-1.5 µg/kg	T-SU-SB112B 2-2.5 µg/kg	T-SU-SB113A 1-1.5 µg/kg	T-SU-SB113B 2-2.5 µg/kg	T-SU-SB113C 3.5-4 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Bis(2-Chloroethyl)ether	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2-Chlorophenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
1,3-Dichlorobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
1,4-Dichlorobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzyl Alcohol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
1,2-Dichlorobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2-Methylphenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Bis(2-Chloroisopropyl)ether	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Methylphenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
N-Nitroso-di-n-dipropylamine	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Hexachloroethane	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Nitrobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Isophorone	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2-Nitrophenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4-Dimethylphenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzoic Acid	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
Bis(2-Chloroethoxy)methane	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4-Dichlorophenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
1,2,4-Trichlorobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Naphthalene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Chloroaniline	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Hexachlorobutadiene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE ELEVEN

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 µg/kg	T-SU-SB111B 2-2.5 µg/kg	T-SU-SB111C 3.5-4 µg/kg	T-SU-SB112A 1-1.5 µg/kg	T-SU-SB112X 1-1.5 µg/kg	T-SU-SB112B 2-2.5 µg/kg	T-SU-SB113A 1-1.5 µg/kg	T-SU-SB113B 2-2.5 µg/kg	T-SU-SB113C 3.5-4 µg/kg
Semi-Volatile Organic Compounds[a]									
2-Methylnaphthalene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Hexachlorocyclopentadiene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4,6-Trichlorophenol	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4,5-Trichlorophenol	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
2-Chloronaphthalene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2-Nitroaniline	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
Dimethylphthalate	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Acenaphthylene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,6-Dinitrotoluene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
3-Nitroaniline	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
Acenaphthene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4-Dinitrophenol	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
4-Nitrophenol	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
Dibenzofuran	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
2,4-Dinitrotoluene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Diethylphthalate	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Chlorophenyl-phenyl ether	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Fluorene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Nitroaniline	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
4,6-Dinitro-2-methylphenol	NA	1,700 U	NA	1,800 U	NA	1,700 U	1,900 U	2,100 U	NA
N-nitrosodiphenylamine	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
4-Bromophenyl-phenylether	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Hexachlorobenzene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Pentachlorophenol	NA	1,700 U	NA	1,800 U	NA	1,700 U	210 U	2,100 U	NA

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWELVE

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 µg/kg	T-SU-SB111B 2-2.5 µg/kg	T-SU-SB111C 3.5-4 µg/kg	T-SU-SB112A 1-1.5 µg/kg	T-SU-SB112X 1-1.5 µg/kg	T-SU-SB112B 2-2.5 µg/kg	T-SU-SB113A 1-1.5 µg/kg	T-SU-SB113B 2-2.5 µg/kg	T-SU-SB113C 3.5-4 µg/kg
Semi-Volatile Organic Compounds[a]									
Phenanthrene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Anthracene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Di-n-butylphthalate	NA	360 U	NA	36 J	NA	360 U	400 U	430 U	NA
Fluoranthene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Pyrene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Butylbenzylphthalate	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
3,3'-Dichlorobenzidine	NA	720 U	NA	730 U	NA	720 U	800 U	870 U	NA
Benzo(a)anthracene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Chrysene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Bis(2-Ethylhexyl)phthalate	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Di-n-octylphthalate	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzo(b)fluoranthene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzo(k)fluoranthene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzo(a)pyrene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Indeno(1,2,3-cd)pyrene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Dibenzo(1,h)anthracene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA
Benzo(g,h,i)perylene	NA	360 U	NA	360 U	NA	360 U	400 U	430 U	NA

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2

SEMI-VOLATILEORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THIRTEEN

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 µg/kg	T-SU-SB114B 2-2.5 µg/kg	T-SU-SB114C 3.5-4 µg/kg	T-SU-SB115A 1-1.5 µg/kg	T-SU-SB115B 2-2.5 µg/kg	T-SU-SB115C 3.5-4 µg/kg	T-SU-SB116A 1-1.5 µg/kg	T-SU-SB116B 2-2.5 µg/kg	T-SU-SB116C 3.5-4 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Bis(2-Chloroethyl)ether	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2-Chlorophenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
1,3-Dichlorobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
1,4-Dichlorobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Benzyl Alcohol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
1,2-Dichlorobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2-Methylphenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Bis(2-Chloroisopropyl)ether	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Methylphenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
N-Nitroso-di-n-dipropylamine	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Hexachloroethane	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Nitrobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Isophorone	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2-Nitrophenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2,4-Dimethylphenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Benzoic Acid	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
Bis(2-Chloroethoxy)methane	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2,4-Dichlorophenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
1,2,4-Trichlorobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Naphthalene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Chloroaniline	420 U	450 U		430 U	430 U	NA	420 U	400 U	NA	440 U
Hexachlorobutadiene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOURTEEN

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 µg/kg	T-SU-SB114B 2-2.5 µg/kg	T-SU-SB114C 3.5-4 µg/kg	T-SU-SB115A 1-1.5 µg/kg	T-SU-SB115B 2-2.5 µg/kg	T-SU-SB115C 3.5-4 µg/kg	T-SU-SB116A 1-1.5 µg/kg	T-SU-SB116B 2-2.5 µg/kg	T-SU-SB116C 3.5-4 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Hexachlorocyclopentadiene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2,4,6-Trichlorophenol	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2,4,5-Trichlorophenol	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
2-Chloronaphthalene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2-Nitroaniline	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
Dimethylphthalate	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Acenaphthylene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	2,100 U
2,6-Dinitrotoluene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
3-Nitroaniline	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
Acenaphthene	420 U	450 U	NA	430 U	430 U	NA	420 U	27 J	NA	440 U
2,4-Dinitrophenol	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
4-Nitrophenol	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
Dibenzofuran	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
2,4-Dinitrotoluene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Diethylphthalate	420 U	190 J	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Chlorophenyl-phenyl ether	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Fluorene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Nitroaniline	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
4,6-Dinitro-2-methylphenol	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U
N-nitrosodiphenylamine	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
4-Bromophenyl-phenylether	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Hexachlorobenzene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Pentachlorophenol	2,000 U	2,200 U	NA	2,100 U	2,100 U	NA	2,000 U	2,000 U	NA	2,100 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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TABLE B-2
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
MIXED-ACID SUMP-PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIFTEEN

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 µg/kg	T-SU-SB114B 2-2.5 µg/kg	T-SU-SB114C 3.5-4 µg/kg	T-SU-SB115A 1-1.5 µg/kg	T-SU-SB115B 2-2.5 µg/kg	T-SU-SB115C 3.5-4 µg/kg	T-SU-SB116A 1-1.5 µg/kg	T-SU-SB116B 2-2.5 µg/kg	T-SU-SB116C 3.5-4 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]										
Phenanthrene	420 U	450 U	NA	430 U	430 U	NA	420 U	190 J	NA	440 U
Anthracene	420 U	450 U	NA	430 U	430 U	NA	420 U	30 J	NA	440 U
Di-n-butylphthalate	420 U	450 U	NA	430 U	430 U	NA	420 U	33 J	NA	440 U
Fluoranthene	420 U	450 U	NA	430 U	430 U	NA	420 U	240 J	NA	440 U
Pyrene	420 U	450 U	NA	430 U	430 U	NA	420 U	160 J	NA	440 U
Butylbenzylphthalate	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
3,3'-Dichlorobenzidine	840 U	890 U	NA	870 U	860 U	NA	840 U	810 U	NA	880 U
Benzo(a)anthracene	420 U	450 U	NA	430 U	430 U	NA	420 U	64 J	NA	440 U
Chrysene	420 U	450 U	NA	430 U	430 U	NA	420 U	100 J	NA	440 U
Bis(2-Ethylhexyl)phthalate	420 U	450 U	NA	430 U	430 U	NA	420 U	84 J	NA	440 U
Di-n-octylphthalate	420 U	450 U	NA	430 U	430 U	NA	420 U	6 J	NA	440 U
Benzo(b)fluoranthene	420 U	450 U	NA	430 U	430 U	NA	420 U	84 J	NA	440 U
Benzo(k)fluoranthene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Benzo(a)pyrene	420 U	450 U	NA	430 U	430 U	NA	420 U	50 J	NA	440 U
Indeno(1,2,3-cd)pyrene	420 U	450 U	NA	430 U	430 U	NA	420 U	37 J	NA	440 U
Dibenzo(1,h)anthracene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U
Benzo(g,h,i)perylene	420 U	450 U	NA	430 U	430 U	NA	420 U	400 U	NA	440 U

Data Qualifier Legend

(a) Target compound list - Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 1 to 1.5 feet below the land surface (i.e., SB201A).
B - Soil sample collected 2 to 2.5 feet below the land surface (i.e., SB201B).
C - Soil sample collected 3.5 to 4 feet below the land surface (i.e., SB201C).
X - Duplicate sample (i.e, SB201X).

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118378

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02229010

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB101A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118378

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02229010

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB101B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118403

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249007

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB101B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118403

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249007

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB102A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118382

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 11 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB102A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118382

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 11 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB102B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249008

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB102B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118405

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249008

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	36	J
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB103A

ame: NUS HOUSTON Contract: 4M410

ode: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

: (soil/water) SOIL Lab Sample ID: H118383

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239003

(low/med) LOW Date Received: 02/17/90

ture: not dec. 9 dec. Date Extracted: 02/21/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

eanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB103A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118383

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB103B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118407

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249009

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB103B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118407

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249009

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 10 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	25	J
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB104A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

: (soil/water) SOIL Lab Sample ID: H118384

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239004

(low/med) LOW Date Received: 02/17/90

ture: not dec. 9 dec. Date Extracted: 02/21/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

eanup: (Y/N) N pH: 8.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TUSUSB104A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118384

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239004

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 9 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	6	J
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	28	J
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB104B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

: (soil/water) SOIL Lab Sample ID: H118408

wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259001

(low/med) LOW Date Received: 02/17/90

ture: not dec. 14 dec. Date Extracted: 02/22/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

eanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB104B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118408

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259001

Level: (low/med) LOW Date Received: 02/17/90

Moisture: not dec. 14 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	300	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TUSUSB105A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118385

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF02239005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 19 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)Ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TUSUSB105A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118385

Sample wt/vol: 30.0 • (g/mL) G Lab File ID: 5BP02239005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 19 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	820	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB106A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118412

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269005

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB106A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118412

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269005

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB107A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118414

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB107A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118414

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB107B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118420

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 7 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl Alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)Ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB107B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118420

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 7 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-Butylphthalate	43	J
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)Anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)Phthalate	46	J
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	350	U
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	350	U
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB108A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118415

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269007

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 3 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)Ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl Alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)Ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-Di-n-Propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-Methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB108A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118415

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269007

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 3 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-Butylphthalate	45	J
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	680	U
56-55-3	Benzo(a)Anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)Phthalate	160	J
117-84-0	Di-n-Octyl Phthalate	340	U
205-99-2	Benzo(b)Fluoranthene	340	U
207-08-9	Benzo(k)Fluoranthene	340	U
50-32-8	Benzo(a)Pyrene	340	U
193-39-5	Indeno(1,2,3-cd)Pyrene	340	U
53-70-3	Dibenz(a,h)Anthracene	340	U
191-24-2	Benzo(g,h,i)Perylene	340	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB108B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118422

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259008

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 2 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/26/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)Ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl Alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)Ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-Di-n-Propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-Methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB108B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118422

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259008

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 2 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/26/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-Butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	670	U
56-55-3	Benzo(a)Anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)Phthalate	340 ~~110~~	~~J~~
117-84-0	Di-n-Octyl Phthalate	340	U
205-99-2	Benzo(b)Fluoranthene	340	U
207-08-9	Benzo(k)Fluoranthene	340	U
50-32-8	Benzo(a)Pyrene	340	U
193-39-5	Indeno(1,2,3-cd)Pyrene	340	U
53-70-3	Dibenz(a,h)Anthracene	340	U
191-24-2	Benzo(g,h,i)Perylene	340	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB109A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118416

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269008

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB109A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118416

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269008

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 15 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB109B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118423

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259005

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB109B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118423

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259005

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 11 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370 ~~91~~	~~J~~
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB111A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118427

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02279002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/27/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB111A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118427

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02279002

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/27/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360 ~~450~~	~~B~~
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB111B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118425

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB111B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118425

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259006

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 8 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/25/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360 U ~~97~~	B
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB112A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118418

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269009

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB112A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB2

Matrix: (soil/water) SOIL Lab Sample ID: H118418

Sample wt/vol: 80.0 (g/mL) G Lab File ID: 5BP02269009

Level: (low/med) LOW Date Received: 02/19/90

% Moisture: not dec. 9 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	36	J
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB112B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118521

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259007

Level: (low/med) LOW Date Received: 02/21/90

% Moisture: not dec. 8 dec. Date Extracted: 02/26/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/26/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB112B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB3

Matrix: (soil/water) SOIL Lab Sample ID: H118521

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03259007

Level: (low/med) LOW Date Received: 02/21/90

Moisture: not dec. 8 dec. Date Extracted: 02/26/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/26/90

Cleanup: (Y/N) N pH: Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360 ~~190~~	~~B~~
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118391

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239008

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 17 dec. Date Extracted: 02/23/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118391

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02239008

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 17 dec. Date Extracted: 02/23/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/23/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	210	J
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB113B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	870	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118394

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269001

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118394

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269001

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118395

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 26 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	450	U
111-44-4	bis(2-Chloroethyl)Ether	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
100-51-6	Benzyl Alcohol	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	bis(2-Chloroisopropyl)Ether	450	U
106-44-5	4-Methylphenol	450	U
621-64-7	N-Nitroso-Di-n-Propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
65-85-0	Benzoic Acid	2200	U
111-91-1	bis(2-Chloroethoxy)Methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	450	U
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-Methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethyl Phthalate	450	U
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB114B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118395

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 26 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	450	U
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	190	J
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-Methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	450	U
120-12-7	Anthracene	450	U
84-74-2	Di-n-Butylphthalate	450	U
206-44-0	Fluoranthene	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	890	U
56-55-3	Benzo(a)Anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)Phthalate	450	U
117-84-0	Di-n-Octyl Phthalate	450	U
205-99-2	Benzo(b)Fluoranthene	450	U
207-08-9	Benzo(k)Fluoranthene	450	U
50-32-8	Benzo(a)Pyrene	450	U
193-39-5	Indeno(1,2,3-cd)Pyrene	450	U
53-70-3	Dibenz(a,h)Anthracene	450	U
191-24-2	Benzo(g,h,i)Perylene	450	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118397

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118397

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269002

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 24 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	870	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118398

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249004

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 23 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB115B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118398

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249004

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 23 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1b

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118400

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118400

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP02269003

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 21 dec. Date Extracted: 02/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/26/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118401

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 18 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB116B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1

Matrix: (soil/water) SOIL Lab Sample ID: H118401

Sample wt/vol: 30.0 (g/mL) G Lab File ID: CIC03249005

Level: (low/med) LOW Date Received: 02/17/90

% Moisture: not dec. 18 dec. Date Extracted: 02/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/24/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	27	J
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	30	J
84-74-2	Di-n-Butylphthalate	33	J
206-44-0	Fluoranthene	240	J
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	64	J
218-01-9	Chrysene	100	J
117-81-7	bis(2-Ethylhexyl)Phthalate	84	J
117-84-0	Di-n-Octyl Phthalate	6	J
205-99-2	Benzo(b)Fluoranthene	84	J
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	50	J
193-39-5	Indeno(1,2,3-cd)Pyrene	37	J
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUBB001A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04139011

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 25 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-Butylphthalate	440	U
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	880	U
56-55-3	Benzo(a)Anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0	Di-n-Octyl Phthalate	440	U
205-99-2	Benzo(b)Fluoranthene	440	U
207-08-9	Benzo(k)Fluoranthene	440	U
50-32-8	Benzo(a)Pyrene	440	U
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3	Dibenz(a,h)Anthracene	440	U
191-24-2	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

APPENDIX B-3

INORGANICS IN SOIL - MIXED-ACID SUMP

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TABLE B-3

INORGANICS IN SOILS[a]
MIXED-ACID SUMP - PLATING SHOP, BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	T-SU-SB101A 1-1.5 mg/kg	T-SU-SB101X 1-1.5 mg/kg	T-SU-SB101B 2-2.5 mg/kg	T-SU-SB101C 3.5-4 mg/kg	T-SU-SB102A 1-1.5 mg/kg	T-SU-SB102B 2-2.5 mg/kg	T-SU-SB102C 3.5-4 mg/kg	T-SU-SB103A 1-1.5 mg/kg	T-SU-SB103B 2-2.5 mg/kg
Aluminum	4,620 J	NA	2,690	NA	3,550 J	2,370	NA	2,400 J	3,840
Antimony	1.2 UJ	NA	1.1 UJ	NA	1.2 UJ	1.2 UJ	NA	1.1 UJ	1.2 UJ
Arsenic	0.58	NA	0.67	NA	0.59	0.51	NA	0.57	0.80
Barium	57.2	NA	47.7	NA	41.0	41.2	NA	40.2	61.4
Beryllium	0.33 U	NA	0.32 U	NA	0.34 U	0.34 U	NA	0.32 U	0.33 U
Cadmium	0.65 U	NA	0.61 U	NA	0.72	4.7	NA	0.62 U	1.0
Calcium	6,930	NA	6,300	NA	5,520	5,530	NA	5,030	8,320
Chromium	20.6	NA	12.4	NA	14.4	13.2	NA	10.8	15.6
Cobalt	4.3 U	NA	1.7	NA	4.7 U	2.1	NA	2.3 U	2.7
Copper	1.4 U	NA	2.7 U	NA	1.4 U	2.9 U	NA	1.3 U	3.4 U
Iron	4,260	NA	2,980	NA	3,790	2,860	NA	3,240	3,980
Lead	2.0	NA	2.0	NA	2.2	2.7	NA	1.8	2.9
Magnesium	1,530	NA	1,360	NA	1,360	1,340	NA	1,040	1,860
Manganese	63.8	NA	44.3	NA	52.9	74.6	NA	48.1	66.3
Mercury	0.05 U	0.06 U	0.05 U	0.06 U	0.85	0.06 U	0.57 J	0.22	0.06 U
Nickel	8.7 U	NA	2.9	NA	292	354	NA	28.7	209
Potassium	1,080	NA	563	NA	711	462	NA	510	730
Selenium	0.44 U	NA	0.42 UJ	NA	0.44 U	0.44 UJ	NA	0.44 U	0.43 UJ
Silver	1.6 U	NA	1.6 U	NA	1.6 U	1.6 U	NA	1.6 U	1.6 U
Sodium	1,420 U	NA	170	NA	2,120	141	NA	502 U	163
Thallium	0.29 U	NA	0.27 U	NA	0.29 U	0.29 U	NA	0.28 U	0.28 U
Vanadium	9.1 U	NA	7.5 U	NA	7.5 U	7.5 U	NA	5.7 U	9.8
Zinc	12.2 U	NA	8.3 U	NA	12.4 U	13.2	NA	8.4 U	14.9
Cyanide	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U	0.24 U	0.25 U	0.25 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from February 15, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected 0.5 to 1.5 feet below the soil surface (i.e., SB101 A).
B - Soil sample collected 2 to 2.5 feet below the soil surface (i.e., SB101B)
C - Soil sample collected 3.5 to 4 feet below the soil surface (i.e., SB101C)
X - Duplicate sample (i.e., SB101X).

R476911

TABLE B-3

INORGANICS IN SOILS[a]
MIXED-ACID SUMP - PLATING SHOP, BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB104A 1-1.5 mg/kg	T-SU-SB104B 2-2.5 mg/kg	T-SU-SB104C 3.5-4 mg/kg	T-SU-SB105A 1-1.5 mg/kg	T-SU-SB105X 1-1.5 mg/kg	T-SU-SB105B 2-2.5 mg/kg	T-SU-SB105C 3.5-4 mg/kg	T-SU-SB106A 1-1.5 mg/kg	T-SU-SB106X 1-1.5 mg/kg
Aluminum	3,940 J	6,260	NA	6,420	NA	2,450 J	NA	3,700	NA
Antimony	1.2 UJ	1.2 UJ	NA	1.3 UJ	NA	1.2 UJ	NA	1.3 UJ	NA
Arsenic	0.86	1.0	NA	1.2	NA	0.93	NA	0.53	NA
Barium	50.3	125	NA	61 6	NA	46.0	NA	47.1	NA
Beryllium	0.33 U	0.60	NA	0.37 U	NA	0.47 U	NA	0.35 U	NA
Cadmium	34.0	125	NA	1.7	NA	1.7	NA	60.1	NA
Calcium	3,800	13,400	NA	9,580	NA	6,440	NA	4,320	NA
Chromium	71.8	210	NA	8.2	NA	8.4	NA	191	NA
Cobalt	7.4 U	6.5	NA	1.9	NA	2.7 U	NA	7.1	NA
Copper	6.6 U	19.3	NA	1.5 U	NA	3.6 U	NA	5.9 U	NA
Iron	3,500	2,640	NA	5,200	NA	2,730	NA	3,840	NA
Lead	2.5	5.2	NA	2.6	NA	1.9	NA	2.7	NA
Magnesium	1,220	2,730	NA	2,350	NA	1,230	NA	1,580	NA
Manganese	75.3	173	NA	91.8	NA	44.2	NA	95.4	NA
Mercury	0.17	0.36 J	0.37 J	0.46 J	0.32	0.32	0.06 U	0.25 J	0.17 J
Nickel	1,500	1,260	NA	112	NA	96.2	NA	2,190	NA
Potassium	787	1,100	NA	1,380	NA	468	NA	897	NA
Selenium	0.43 U	0.47 UJ	NA	0.49 UJ	NA	0.42 U	NA	0.46 UJ	NA
Silver	1.6 U	3.4	NA	1.8 U	NA	1.6 U	NA	2.3	NA
Sodium	940 U	510	NA	321	NA	127 U	NA	654	NA
Thallium	0.28 U	0.30 U	NA	0.32 U	NA	0.28 UJ	NA	0.30 U	NA
Vanadium	6.9 U	14.9	NA	10.8	NA	6.8 U	NA	5.1 U	NA
Zinc	21.5	40.9	NA	14.0	NA	9.4 U	NA	22.1	NA
Cyanide	0.25 U	2.4	0.36	0.28 U	0.25 U	0.25 U	0.29 U	0.21 U	0.25 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from February 15, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected 0.5 to 1.5 feet below the soil surface (i.e., SB101 A).
B - Soil sample collected 2 to 2.5 feet below the soil surface (i.e., SB101B)
C - Soil sample collected 3.5 to 4 feet below the soil surface (i.e., SB101C)
X - Duplicate sample (i.e., SB101X).

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TABLE B-3

INORGANICS IN SOILS[a]
MIXED-ACID SUMP - PLATING SHOP, BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB107A 1-1.5 mg/kg	T-SU-SB107B 2-2.5 mg/kg	T-SU-SB107C 3.5-4 mg/kg	T-SU-SB108A 1-1.5 mg/kg	T-SU-SB108B 2-2.5 mg/kg	T-SU-SB109A 1-1.5 mg/kg	T-SU-SB109B 2-2.5 mg/kg	T-SU-SB109C 3.5-4 mg/kg	T-SU-SB111A 1-1.5 mg/kg
Aluminum	3,060	1,660	NA	2,750	2,330 J	4,280	2,900 J	NA	1,350 J
Antimony	1.2 UJ	1.1 UJ	NA	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	NA	1.1 UJ
Arsenic	0.62	0.88	NA	1.5	2.3	0.87	0.79	NA	0.63
Barium	47.6	37.8	NA	63.3	38.2	145	45.3	NA	34.0
Beryllium	0.34 U	0.49	NA	0.31 U	0.81 U	0.37	0.88 U	NA	0.32 U
Cadmium	0.65 U	0.59 U	NA	10.6	18.9	2.7	43.2	NA	16.1
Calcium	8,200	9,160	NA	221,000	243,000	6,140	4,930	NA	3,850
Chromium	14.3	5.0	NA	16.2	19.8	14.2	26.1	NA	29.0
Cobalt	2.3	1.4	NA	3.1	1.9	1.8	1.4	NA	1.3 U
Copper	9.0 U	1.6 U	NA	1.9 U	6.4 U	1.4 U	9.5 U	NA	6.1 U
Iron	3,500	2,010	NA	3,050	2,890	3,820	3,090	NA	1,550
Lead	1.6	1.9	NA	3.0	2.6	2.4	2.0	NA	1.6
Magnesium	1,430	991	NA	21,600	12,200	1,600	1,340	NA	642 U
Manganese	46.7	49.9	NA	152	107	63.8	45.9	NA	32.4
Mercury	0.05 U	0.05 U	0.05 U	0.05 U	0.15	0.06 U	0.11 U	0.06 U	0.05 U
Nickel	3.6	2.6	NA	36.5	24.8	76.3	115	NA	5.8 U
Potassium	771	377	NA	775	469	297 U	654	NA	432
Selenium	0.44 UJ	0.42 UJ	NA	0.41 UJ	0.41 U	0.47 UJ	0.44 U	NA	0.43 U
Silver	1.6 U	1.5 U	NA	1.7	5.0	1.7 U	1.6 U	NA	1.6 U
Sodium	399	154	NA	771	638 U	635	819	NA	400 U
Thallium	0.29 U	0.27 U	NA	0.26 U	0.26 U	0.29 U	0.29 U	NA	0.28 U
Vanadium	5.6 U	6.6 U	NA	4.0 U	6.7	7.8 U	7.6	NA	3.3
Zinc	13.4	5.4 U	NA	9.9 U	7.6 U	12.8	9.7 U	NA	7.7 U
Cyanide	0.24 U	0.24 U	0.25 U	6.6	0.23 U	1.0	4.9	5.0	0.25 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from February 15, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected 0.5 to 1.5 feet below the soil surface (i.e., SB101A).
B - Soil sample collected 2 to 2.5 feet below the soil surface (i.e., SB101B)
C - Soil sample collected 3.5 to 4 feet below the soil surface (i.e., SB101C)
X - Duplicate sample (i.e., SB101X).

R476911

TABLE B-3

INORGANICS IN SOILS[a]
MIXED-ACID SUMP - PLATING SHOP, BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Depth (ft) Units	T-SU-SB111X 1-1.5 mg/kg	T-SU-SB111B 2-2.5 mg/kg	T-SU-SB111C 3.5-4 mg/kg	T-SU-SB112A 1-1.5 mg/kg	T-SU-SB112X 1-1.5 mg/kg	T-SU-SB112B 2-2.5 mg/kg	T-SU-SB113A 1-1.5 mg/kg	T-SU-SB113B 2-2.5 mg/kg	T-SU-SB113C 3.5-4 mg/kg
Aluminum	NA	1,900 J	NA	3,700	NA	2,940 J	4,720 J	3,670 J	NA
Antimony	NA	1.1 UJ	NA	1.2 UJ	NA	1.1 UJ	1.3 UJ	1.4 UJ	NA
Arsenic	NA	0.92	NA	0.54	NA	0.77	0.57	0.85	NA
Barium	NA	36.3	NA	45.6	NA	51.8	64.5	48.0	NA
Beryllium	NA	0.62 U	NA	0.33 U	NA	0.69 U	0.36 U	0.95 U	NA
Cadmium	NA	76.2	NA	0.64 U	NA	0.62 U	0.70 U	0.74 U	NA
Calcium	NA	5,170	NA	5,170	NA	4,360	8,670	5,480	NA
Chromium	NA	96.1	NA	14.4	NA	15.4	16.5	9.0	NA
Cobalt	NA	1.5	NA	1.9	NA	1.9	13.1 U	3.2 U	NA
Copper	NA	3.2 U	NA	1.3 U	NA	3.9 U	1.5 U	3.9 U	NA
Iron	NA	2,220	NA	3,310	NA	2,850	4,200	3,520	NA
Lead	NA	1.6	NA	2.3	NA	2.7	2.0	2.2	NA
Magnesium	NA	888	NA	1,420	NA	1,140	1,560	1,350	NA
Manganese	NA	39.5	NA	55.3	NA	42.3	77.0	56.1	NA
Mercury	0.06 U	0.13	0.17	0.05 U	0.73 J	0.15	0.11 U	0.07 U	0.06 U
Nickel	NA	4.1 U	NA	2.1 U	NA	6.8 U	6.8 U	3.2 U	NA
Potassium	NA	380 U	NA	765	NA	472 U	809	567	NA
Selenium	NA	0.43 U	NA	0.43 U	NA	0.42 U	0.48 U	0.48 U	NA
Silver	NA	1.6 U	NA	1.6 U	NA	1.5 U	1.8 U	13.3	NA
Sodium	NA	349 U	NA	147	NA	105 U	516 U	111 U	NA
Thallium	NA	0.28 U	NA	0.29 U	NA	0.27 U	0.31 U	0.32 U	NA
Vanadium	NA	6.1	NA	5.6 U	NA	6.8	9.2 U	8.4 U	NA
Zinc	NA	6.8 U	NA	9.6 U	NA	7.5 U	11.5 U	9.5 U	NA
Cyanide	0.27 U	3.5	2.0	0.25 U	0.25 U	0.24 U	0.29 U	0.29 U	0.28 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from February 15, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected 0.5 to 1.5 feet below the soil surface (i.e., SB101 A).
B - Soil sample collected 2 to 2.5 feet below the soil surface (i.e., SB101B)
C - Soil sample collected 3.5 to 4 feet below the soil surface (i.e., SB101C)
X - Duplicate sample (i.e., SB101X).

R476911

TABLE B-3

INORGANICS IN SOILS[a]
MIXED-ACID SUMP - PLATING SHOP, BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Depth (ft) Units	T-SU-SB114A 1-1.5 mg/kg	T-SU-SB114B 2-2.5 mg/kg	T-SU-SB114C 3.5-4 mg/kg	T-SU-SB115A 1-1.5 mg/kg	T-SU-SB115B 2-2.5 mg/kg	T-SU-115C 3.5-4 mg/kg	T-SU-SB116A 1-1.5 mg/kg	T-SU-SB116B 2-2.5 mg/kg	T-SU-SB116C 3.5-4 mg/kg	T-SU-BB001A[b] Surface mg/kg
Aluminum	5,030 J	2,880 J	NA	2,650 J	3,240 J	NA	5,300 J	3,610 J	NA	37,400 J
Antimony	1.3 UJ	1.3 UJ	NA	1.4 UJ	1.3 UJ	NA	1.3 UJ	1.3 UJ	NA	1.4 U
Arsenic	1.1	0.68	NA	0.53	1.1	NA	0.70	0.84	NA	1.1
Barium	48.9	119	NA	55.9	54.8	NA	94.9	47.3	NA	681
Beryllium	0.38 U	0.88 U	NA	0.40 U	0.82 U	NA	0.38 U	0.90 U	NA	1.5
Cadmium	0.73 U	0.73 U	NA	0.76 U	0.94	NA	0.73 U	0.95	NA	0.77 U
Calcium	3,850	5,210	NA	4,800	2,760	NA	10,800	5,080	NA	4,600
Chromium	14.7	8.3	NA	17.8	10.3	NA	29.8	9.5	NA	41.6 J
Cobalt	3.4 U	2.7 U	NA	3.5 U	1.6 U	NA	4.7 U	2.3 U	NA	15.4
Copper	1.5 U	3.0 U	NA	5.4 U	3.5 U	NA	1.5 U	3.4 U	NA	37.8
Iron	4,310	3,240	NA	2,670	3,380	NA	5,300	3,710	NA	29,500 J
Lead	2.4	1.6 U	NA	1.4 U	2.3	NA	2.2	2.0	NA	14.1
Magnesium	1,150	1,230	NA	1,070	1,220	NA	1,680	1,280	NA	11,600
Manganese	65.7	72.6	NA	39.7	57.9	NA	213	63.7	NA	944 J
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.07 U	0.07 U	0.06 U	0.06 U	0.06 U	0.07 U
Nickel	6.0 U	4.1 U	NA	7.9 U	3.9 U	NA	8.9 U	4.8 U	NA	32.8
Potassium	861	475	NA	493	512	NA	874	571	NA	6,750
Selenium	0.50 U	0.52 U	NA	0.53 U	0.51 U	NA	0.50 U	0.48 U	NA	0.53 U
Silver	1.8 U	3.9	NA	2.0 U	1.9 U	NA	2.4	3.4	NA	2.0 UJ
Sodium	726 U	109 U	NA	377 U	108 U	NA	378 U	103 U	NA	599 U
Thallium	0.38 U	0.34 UJ	NA	0.34 U	0.33 UJ	NA	0.32 U	0.31 UJ	NA	0.35 U
Vanadium	9 6 U	8 0 U	NA	5.6 U	8 8 U	NA	10.7 U	09.1 U	NA	36 4
Zinc	10.2 U	9.1 U	NA	10.2 U	9.3 U	NA	12.3 U	9.5 U	NA	56.3 J
Cyanide	0.28 U	0.31 U	0.28 U	0.30 U	0.29 U	0.29 U	0.29 U	0.28 U	0.29 U	0.29 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate or imprecise.
(a) Target compound list for inorganics. Samples collected from February 15, 1990 to March 23, 1990.
(b) Background soil sample.

Sample Number Legend

A - Soil sample collected 0.5 to 1.5 feet below the soil surface (i.e., SB101 A).
B - Soil sample collected 2 to 2.5 feet below the soil surface (i.e., SB101B)
C - Soil sample collected 3.5 to 4 feet below the soil surface (i.e., SB101C)
X - Duplicate sample (i.e., SB101X).

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18378

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 89.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4620		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.58			F
7440-39-3	Barium	57.2			P
7440-41-7	Beryllium	0.33	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	6930			P
7440-47-3	Chromium	20.6			P
7440-48-4	Cobalt	4.3		U	P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	4260			P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	1530			A
7439-96-5	Manganese	63.8			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	8.7		U	P
7440-09-7	Potassium	1080			A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	1420		U	A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	9.1		U	P
7440-66-6	Zinc	12.2		U	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB101A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18381

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 88.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB101X

FIELD DUPLICATE TO SB101A

SD-101B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18403

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 91.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2690			P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	0.67			F
7440-39-3	Barium	47.7			P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.61	U		P
7440-70-2	Calcium	6300			P
7440-47-3	Chromium	12.4			P
7440-48-4	Cobalt	1.7			P
7440-50-8	Copper	2.7		U	P
7439-89-6	Iron	2980			P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	1360			A
7439-96-5	Manganese	44.3			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	2.9			P
7440-09-7	Potassium	563			A
7782-49-2	Selenium	0.42		UJ	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	170			A
7440-28-0	Thallium	0.27	U		F
7440-62-2	Vanadium	7.5		U	P
7440-66-6	Zinc	8.3		U	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB101B

SB-101C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18404

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U	-	C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: F-SU-SB101C

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18382

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 88.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3550		J	P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.59			F
7440-39-3	Barium	41.0			P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.72			P
7440-70-2	Calcium	5520			P
7440-47-3	Chromium	14.4			P
7440-48-4	Cobalt	4.7		u	P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	3790			P
7439-92-1	Lead	2.2			F
7439-95-4	Magnesium	1360			A
7439-96-5	Manganese	52.9			P
7439-97-6	Mercury	0.85			CV
7440-02-0	Nickel	292			P
7440-09-7	Potassium	711			A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	2120			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	7.5		u	P
7440-66-6	Zinc	12.4		u	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB102A

SB-102B

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EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18405

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2370			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.51			F
7440-39-3	Barium	41.2			P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	4.7			P
7440-70-2	Calcium	5530			P
7440-47-3	Chromium	13.2			P
7440-48-4	Cobalt	2.1			P
7440-50-8	Copper	2.9		U	P
7439-89-6	Iron	2860			P
7439-92-1	Lead	2.7			F
7439-95-4	Magnesium	1340			A
7439-96-5	Manganese	74.6			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	354			P
7440-09-7	Potassium	462			A
7782-49-2	Selenium	0.44		UJ	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	141			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	7.5		U	P
7440-66-6	Zinc	13.2			P
	Cyanide	0.27	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB102B

SB-102C

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EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18406

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 94.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.57		J	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.24	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB102C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18383

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2400		J	P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.57			F
7440-39-3	Barium	40.2			P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.62	U		P
7440-70-2	Calcium	5030			P
7440-47-3	Chromium	10.8			P
7440-48-4	Cobalt	2.3		u	P
7440-50-8	Copper	1.3	U		P
7439-89-6	Iron	3240			P
7439-92-1	Lead	1.8			F
7439-95-4	Magnesium	1040			A
7439-96-5	Manganese	48.1			P
7439-97-6	Mercury	0.22			CV
7440-02-0	Nickel	28.7			P
7440-09-7	Potassium	510			A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	502		u	A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	5.7		u	P
7440-66-6	Zinc	8.4		u	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB103A

U.S. EPA - CLP

SB-103L

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18407

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 89.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3840			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.80			F
7440-39-3	Barium	61.4			P
7440-41-7	Beryllium	0.33	U		P
7440-43-9	Cadmium	1.0			P
7440-70-2	Calcium	8320			P
7440-47-3	Chromium	15.6			P
7440-48-4	Cobalt	2.7			P
7440-50-8	Copper	3.4		U	P
7439-89-6	Iron	3980			P
7439-92-1	Lead	2.9			F
7439-95-4	Magnesium	1860			A
7439-96-5	Manganese	66.3			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	209			P
7440-09-7	Potassium	730			A
7782-49-2	Selenium	0.43		UJ	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	163			A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	9.8			P
7440-66-6	Zinc	14.9			P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB103B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18384

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 90.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3940		J	P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.86			F
7440-39-3	Barium	50.3			P
7440-41-7	Beryllium	0.33	U		P
7440-43-9	Cadmium	34.0			P
7440-70-2	Calcium	3800			P
7440-47-3	Chromium	71.8			P
7440-48-4	Cobalt	7.4		U	P
7440-50-8	Copper	6.6		U	P
7439-89-6	Iron	3500			P
7439-92-1	Lead	2.5			F
7439-95-4	Magnesium	1220			A
7439-96-5	Manganese	75.3			P
7439-97-6	Mercury	0.17			CV
7440-02-0	Nickel	1500			P
7440-09-7	Potassium	787			A
7782-49-2	Selenium	0.43	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	940		U	A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	6.9		U	P
7440-66-6	Zinc	21.5			P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB104A

SB-104B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18408

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 85.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6260			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	1.0			F
7440-39-3	Barium	125			P
7440-41-7	Beryllium	0.60			P
7440-43-9	Cadmium	125			P
7440-70-2	Calcium	13400			P
7440-47-3	Chromium	210			P
7440-48-4	Cobalt	6.5			P
7440-50-8	Copper	19.3			P
7439-89-6	Iron	2640			P
7439-92-1	Lead	5.2			F
7439-95-4	Magnesium	2730			A
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.36		J	CV
7440-02-0	Nickel	1260			P
7440-09-7	Potassium	1100			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	3.4			P
7440-23-5	Sodium	510			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	14.9			P
7440-66-6	Zinc	40.9			P
	Cyanide	2.4			C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB104B

SB-104

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18409

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.37		J	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.36			C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB104C

SB-105A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18385

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 80.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6420			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	61.6			P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	1.7			P
7440-70-2	Calcium	9580			P
7440-47-3	Chromium	8.2			P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	5200			P
7439-92-1	Lead	2.6			F
7439-95-4	Magnesium	2350			A
7439-96-5	Manganese	91.8			P
7439-97-6	Mercury	0.46		J	CV
7440-02-0	Nickel	112			P
7440-09-7	Potassium	1380			A
7782-49-2	Selenium	0.49		UJ	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	321			A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	10.8			P
7440-66-6	Zinc	14.0			P
	Cyanide	0.28	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: F-SU-SB105A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18388

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 90.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.32			CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB105X

FIELD DUP. TO SB-105A.
SB-105A NOT INCLUDED IN
THIS SAMPLE SET.

FORM I - IN

Rev. IFB Amendment On /8

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18389

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 89.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2450		J	P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.93			F
7440-39-3	Barium	46.0			P
7440-41-7	Beryllium	0.47		U	P
7440-43-9	Cadmium	1.7			P
7440-70-2	Calcium	6440			P
7440-47-3	Chromium	8.4			P
7440-48-4	Cobalt	2.7		U	P
7440-50-8	Copper	3.6		U	P
7439-89-6	Iron	2730			P
7439-92-1	Lead	1.9			F
7439-95-4	Magnesium	1230			A
7439-96-5	Manganese	44.2			P
7439-97-6	Mercury	0.32			CV
7440-02-0	Nickel	96.2			P
7440-09-7	Potassium	468			A
7782-49-2	Selenium	0.42	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	127		U	A
7440-28-0	Thallium	0.28		UJ	F
7440-62-2	Vanadium	6.8		U	P
7440-66-6	Zinc	9.4		U	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB105B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18390

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 76.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.29	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB105C

SB-106A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18412

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 84.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3700			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	47.1			P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	60.1			P
7440-70-2	Calcium	4320			P
7440-47-3	Chromium	191			P
7440-48-4	Cobalt	7.1			P
7440-50-8	Copper	5.9		U	P
7439-89-6	Iron	3840			P
7439-92-1	Lead	2.7			F
7439-95-4	Magnesium	1580			A
7439-96-5	Manganese	95.4			P
7439-97-6	Mercury	0.25		J	CV
7440-02-0	Nickel	2190			P
7440-09-7	Potassium	897			A
7782-49-2	Selenium	0.46		UJ	F
7440-22-4	Silver	2.3			P
7440-23-5	Sodium	654			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	5.1		U	P
7440-66-6	Zinc	22.1			P
	Cyanide	0.21	U		C

Color Before: BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB106A

SB-106X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18413

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 90.1

FIELD DUPLICATE TO SB-106A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.17		J	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB106X

U.S. EPA - CLP

SD-101H

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18414

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 88.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3060			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.62			F
7440-39-3	Barium	47.6			P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	8200			P
7440-47-3	Chromium	14.3			P
7440-48-4	Cobalt	2.3			P
7440-50-8	Copper	9.0		U	P
7439-89-6	Iron	3500			P
7439-92-1	Lead	1.6			F
7439-95-4	Magnesium	1430			A
7439-96-5	Manganese	46.7			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	3.6			P
7440-09-7	Potassium	771			A
7782-49-2	Selenium	0.44		UJ	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	399			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	5.6		U	P
7440-66-6	Zinc	13.4			P
	Cyanide	0.24	U		C

Color Before: BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: F-SU-SB107A

SB-107B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18420

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1660			P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	0.88			F
7440-39-3	Barium	37.8			P
7440-41-7	Beryllium	0.49			P
7440-43-9	Cadmium	0.59	U		P
7440-70-2	Calcium	9160			P
7440-47-3	Chromium	5.0			P
7440-48-4	Cobalt	1.4			P
7440-50-8	Copper	1.6		U	P
7439-89-6	Iron	2010			P
7439-92-1	Lead	1.9			F
7439-95-4	Magnesium	991			A
7439-96-5	Manganese	49.9			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	2.6			P
7440-09-7	Potassium	377			A
7782-49-2	Selenium	0.42		UJ	F
7440-22-4	Silver	1.5	U		P
7440-23-5	Sodium	154			A
7440-28-0	Thallium	0.27	U		F
7440-62-2	Vanadium	6.6		U	P
7440-66-6	Zinc	5.4		U	P
	Cyanide	0.24	U		C

Color Before: LT. BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB107B

SB-107C

U.S. EPA - CLP

EPA SAMPLE NO

1

INORGANIC ANALYSIS DATA SHEET

H18421

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 92.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB107C

SB-108A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18415

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 96.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2750			P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	1.5			F
7440-39-3	Barium	63.3			P
7440-41-7	Beryllium	0.31	U		P
7440-43-9	Cadmium	10.6			P
7440-70-2	Calcium	221000			P
7440-47-3	Chromium	16.2			P
7440-48-4	Cobalt	3.1			P
7440-50-8	Copper	1.9		K	P
7439-89-6	Iron	3050			P
7439-92-1	Lead	3.0			F
7439-95-4	Magnesium	21600			A
7439-96-5	Manganese	152			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	36.5			P
7440-09-7	Potassium	775			A
7782-49-2	Selenium	0.41		UJ	F
7440-22-4	Silver	1.7			P
7440-23-5	Sodium	771			A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	4.0		U	P
7440-66-6	Zinc	9.9		U	P
	Cyanide	6.6			C

Color Before: GREY Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB108A

SB-108B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18422

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 97.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2330		J	P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	2.3			F
7440-39-3	Barium	38.2			P
7440-41-7	Beryllium	0.81		U	P
7440-43-9	Cadmium	18.9			P
7440-70-2	Calcium	243000			P
7440-47-3	Chromium	19.8			P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	6.4		U	P
7439-89-6	Iron	2890			P
7439-92-1	Lead	2.6			F
7439-95-4	Magnesium	12200			A
7439-96-5	Manganese	107			P
7439-97-6	Mercury	0.15			CV
7440-02-0	Nickel	24.8			P
7440-09-7	Potassium	469			A
7782-49-2	Selenium	0.41	U		F
7440-22-4	Silver	5.0			P
7440-23-5	Sodium	638		U	A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	6.7			P
7440-66-6	Zinc	7.6		U	P
	Cyanide	0.23	U		C

Color Before: GREY Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB108B

SB-109A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18416

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 84.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4280			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.87			F
7440-39-3	Barium	145			P
7440-41-7	Beryllium	0.37			P
7440-43-9	Cadmium	2.7			P
7440-70-2	Calcium	6140			P
7440-47-3	Chromium	14.2			P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	3820			P
7439-92-1	Lead	2.4			F
7439-95-4	Magnesium	1600			A
7439-96-5	Manganese	63.8			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	76.3			P
7440-09-7	Potassium	297		U	A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	635			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	7.8		U	P
7440-66-6	Zinc	12.8			P
	Cyanide	1.0			C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB109A

SB-109B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18423

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 88.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2900		J	P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.79			F
7440-39-3	Barium	45.3			P
7440-41-7	Beryllium	0.88		U	P
7440-43-9	Cadmium	43.2			P
7440-70-2	Calcium	4930			P
7440-47-3	Chromium	26.1			P
7440-48-4	Cobalt	1.4			P
7440-50-8	Copper	9.5		U	P
7439-89-6	Iron	3090			P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	1340			A
7439-96-5	Manganese	45.9			P
7439-97-6	Mercury	0.11		U	CV
7440-02-0	Nickel	115			P
7440-09-7	Potassium	654			A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	819			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	7.6			P
7440-66-6	Zinc	9.7		U	P
	Cyanide	4.9			C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB109B

U.S. EPA - CLP

SB-109C

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18424

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 92.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06		U	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	5.0			C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB109C

U.S. EPA - CLP

SB-111A

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18427

Lab Name: NUS CORPORATION Contract: 1AFB

Lab Code: Case No.: 1AFB1 SAS No.: SDG No.: 1AFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 91.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1350		J	P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	0.63			F
7440-39-3	Barium	34.0			P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	16.1			P
7440-70-2	Calcium	3850			P
7440-47-3	Chromium	29.0			P
7440-48-4	Cobalt	1.3	U		P
7440-50-8	Copper	6.1		u	P
7439-89-6	Iron	1550			P
7439-92-1	Lead	1.6			F
7439-95-4	Magnesium	642		u	A
7439-96-5	Manganese	32.4			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	5.8		u	P
7440-09-7	Potassium	432			A
7782-49-2	Selenium	0.43	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	400		u	A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	3.3			P
7440-66-6	Zinc	7.7		u	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB111A

SB-111X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18417

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 85.7

LAST HALF OF FIELD DUP. SB-111A NOT IN THIS D.P.

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.27	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB111X

U.S. EPA - CLP

SB-111B

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18425

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 91.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1900		J	P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	0.92			F
7440-39-3	Barium	36.3			P
7440-41-7	Beryllium	0.62		U	P
7440-43-9	Cadmium	76.2			P
7440-70-2	Calcium	5170			P
7440-47-3	Chromium	96.1			P
7440-48-4	Cobalt	1.5			P
7440-50-8	Copper	3.2		U	P
7439-89-6	Iron	2220			P
7439-92-1	Lead	1.6			F
7439-95-4	Magnesium	888			A
7439-96-5	Manganese	39.5			P
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel	4.1		U	P
7440-09-7	Potassium	380		U	A
7782-49-2	Selenium	0.43	U		F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	349		U	A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	6.1			P
7440-66-6	Zinc	6.8		U	P
	Cyanide	3.5			C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB111B

U.S. EPA - CLP

SB-111C

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18426

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 90.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.17		[redacted]	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	2.0			C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB111C

SB-112A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18418

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 90.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3700			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.54			F
7440-39-3	Barium	45.6			P
7440-41-7	Beryllium	0.33	U		P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	5710			P
7440-47-3	Chromium	14.4			P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	1.3	U		P
7439-89-6	Iron	3310			P
7439-92-1	Lead	2.3			F
7439-95-4	Magnesium	1420			A
7439-96-5	Manganese	55.3			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	2.1	U		P
7440-09-7	Potassium	765			A
7782-49-2	Selenium	0.43		UJ	F
7440-22-4	Silver	1.6	U		P
7440-23-5	Sodium	147			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	5.6		U	P
7440-66-6	Zinc	9.6		U	P
	Cyanide	0.25	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB112A

SB-112X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18419

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/19/90

% Solids: 90.5

FIELD DUPLICATE TO SB-112A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.73		J	CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.25	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB112X

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Rev. IFB Amendment On

SB-112B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H18521

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB03

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/21/90

% Solids: 91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2940		J	P
7440-36-0	Antimony	1.1		UJ	F
7440-38-2	Arsenic	0.77			F
7440-39-3	Barium	51.8			P
7440-41-7	Beryllium	0.69		U	P
7440-43-9	Cadmium	0.62	U		P
7440-70-2	Calcium	4360			P
7440-47-3	Chromium	15.4			P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	3.9		U	P
7439-89-6	Iron	2850			P
7439-92-1	Lead	2.7			F
7439-95-4	Magnesium	1140			A
7439-96-5	Manganese	42.3			P
7439-97-6	Mercury	0.15			CV
7440-02-0	Nickel	6.8		U	P
7440-09-7	Potassium	472		U	A
7782-49-2	Selenium	0.42	U		F
7440-22-4	Silver	1.5	U		P
7440-23-5	Sodium	105		U	A
7440-28-0	Thallium	0.27	U		F
7440-62-2	Vanadium	6.8			P
7440-66-6	Zinc	7.5		U	P
	Cyanide	0.24		U	C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB112B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18391

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4720		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.57			F
7440-39-3	Barium	64.5			P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	8670			P
7440-47-3	Chromium	16.5			P
7440-48-4	Cobalt	13.1		U	P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	4200			P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	1560			A
7439-96-5	Manganese	77.0			P
7439-97-6	Mercury	0.11		U	CV
7440-02-0	Nickel	6.8		U	P
7440-09-7	Potassium	809			A
7782-49-2	Selenium	0.48	U		F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	516		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	9.2		U	P
7440-66-6	Zinc	11.5		U	P
	Cyanide	0.27	U		C

Color Before: LT.BROWN Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB113A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18392

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 75.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3670		J	P
7440-36-0	Antimony	1.4		UJ	F
7440-38-2	Arsenic	0.85			F
7440-39-3	Barium	48.0			P
7440-41-7	Beryllium	0.95		U	P
7440-43-9	Cadmium	0.74	U		P
7440-70-2	Calcium	5480			P
7440-47-3	Chromium	9.0			P
7440-48-4	Cobalt	3.2		U	P
7440-50-8	Copper	3.9		U	P
7439-89-6	Iron	3520			P
7439-92-1	Lead	2.2			F
7439-95-4	Magnesium	1350			A
7439-96-5	Manganese	56.1		*	P
7439-97-6	Mercury	0.07		U	CV
7440-02-0	Nickel	3.2		U	P
7440-09-7	Potassium	567			A
7782-49-2	Selenium	0.48	U		F
7440-22-4	Silver	13.3			P
7440-23-5	Sodium	111	U		A
7440-28-0	Thallium	0.32		UJ	F
7440-62-2	Vanadium	8.4		U	P
7440-66-6	Zinc	9.5		U	P
	Cyanide	0.29	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB113B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18393

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 77.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.28	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB113C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18394

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 78.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5030		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	1.1			F
7440-39-3	Barium	48.9			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	3850			P
7440-47-3	Chromium	14.7			P
7440-48-4	Cobalt	3.4		U	P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	4310			P
7439-92-1	Lead	2.4			F
7439-95-4	Magnesium	1150			A
7439-96-5	Manganese	65.7			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	6.0		U	P
7440-09-7	Potassium	861			A
7782-49-2	Selenium	0.50	U		F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	726		U	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	9.6		U	P
7440-66-6	Zinc	10.2		U	P
	Cyanide	0.28	U		C

Color Before: LT.RED Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB114A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18395

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 74.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2880		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.68			F
7440-39-3	Barium	119			P
7440-41-7	Beryllium	0.88		U	P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	5210			P
7440-47-3	Chromium	8.3			P
7440-48-4	Cobalt	2.7		U	P
7440-50-8	Copper	3.0		U	P
7439-89-6	Iron	3240			P
7439-92-1	Lead	1.6		U	F
7439-95-4	Magnesium	1230			A
7439-96-5	Manganese	72.6			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.1		U	P
7440-09-7	Potassium	475			A
7782-49-2	Selenium	0.52	U		F
7440-22-4	Silver	3.9			P
7440-23-5	Sodium	109	U		A
7440-28-0	Thallium	0.34		UJ	F
7440-62-2	Vanadium	8.0		U	P
7440-66-6	Zinc	9.1		U	P
	Cyanide	0.31	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB114B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18396

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 77.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.29	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB114C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18397

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 75.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2650		J	P
7440-36-0	Antimony	1.4		UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	55.9			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.76	U		P
7440-70-2	Calcium	4800			P
7440-47-3	Chromium	17.8			P
7440-48-4	Cobalt	3.5		u	P
7440-50-8	Copper	5.4		u	P
7439-89-6	Iron	2670			P
7439-92-1	Lead	1.4		u	F
7439-95-4	Magnesium	1070			A
7439-96-5	Manganese	39.7			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	7.9		u	P
7440-09-7	Potassium	493			A
7782-49-2	Selenium	0.53	U		F
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium	377		u	A
7440-28-0	Thallium	0.34	U		F
7440-62-2	Vanadium	5.6		u	P
7440-66-6	Zinc	10.2		u	P
	Cyanide	0.30	U		C

Color Before: LT.RED Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB115A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18398

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 76.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3240		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	1.1			F
7440-39-3	Barium	54.8			P
7440-41-7	Beryllium	0.82		U	P
7440-43-9	Cadmium	0.94			P
7440-70-2	Calcium	2760			P
7440-47-3	Chromium	10.3			P
7440-48-4	Cobalt	1.6		U	P
7440-50-8	Copper	3.5		U	P
7439-89-6	Iron	3380			P
7439-92-1	Lead	2.3			F
7439-95-4	Magnesium	1220			A
7439-96-5	Manganese	57.9			P
7439-97-6	Mercury	0.07		U	CV
7440-02-0	Nickel	3.9		U	P
7440-09-7	Potassium	512			A
7782-49-2	Selenium	0.51	U		F
7440-22-4	Silver	1.9	U		P
7440-23-5	Sodium	108	U		A
7440-28-0	Thallium	0.33		UJ	F
7440-62-2	Vanadium	8.8		U	P
7440-66-6	Zinc	9.3		U	P
	Cyanide	0.29	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB115B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18399

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 75.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.29	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: 1-SU-SB115C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18400

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 78.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5300		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.70			F
7440-39-3	Barium	94.9			P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	10800			P
7440-47-3	Chromium	29.8			P
7440-48-4	Cobalt	4.7		U	P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	5300			P
7439-92-1	Lead	2.2			F
7439-95-4	Magnesium	1680			A
7439-96-5	Manganese	213			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	8.9		U	P
7440-09-7	Potassium	874			A
7782-49-2	Selenium	0.50	U		F
7440-22-4	Silver	2.4			P
7440-23-5	Sodium	378		U	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	10.7		U	P
7440-66-6	Zinc	12.3		U	P
	Cyanide	0.29	U		C

Color Before: LT.RED Clarity Before: Texture: SANDY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB116A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18401

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 81.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3610		J	P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.84			F
7440-39-3	Barium	47.3			P
7440-41-7	Beryllium	0.90		U	P
7440-43-9	Cadmium	0.95			P
7440-70-2	Calcium	5080			P
7440-47-3	Chromium	9.5			P
7440-48-4	Cobalt	2.3		U	P
7440-50-8	Copper	3.4		U	P
7439-89-6	Iron	3710			P
7439-92-1	Lead	2.0			F
7439-95-4	Magnesium	1280			A
7439-96-5	Manganese	63.7		*	P
7439-97-6	Mercury	0.06		U	CV
7440-02-0	Nickel	4.8		U	P
7440-09-7	Potassium	571			A
7782-49-2	Selenium	0.48	U		F
7440-22-4	Silver	3.4			P
7440-23-5	Sodium	103	U		A
7440-28-0	Thallium	0.31		UJ	F
7440-62-2	Vanadium	9.1		U	P
7440-66-6	Zinc	9.5		U	P
	Cyanide	0.28	U		C

Color Before: LT.BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB116B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H18402

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB01

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 02/17/90

% Solids: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic				
7440-39-3	Barium				
7440-41-7	Beryllium				
7440-43-9	Cadmium				
7440-70-2	Calcium				
7440-47-3	Chromium				
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron				
7439-92-1	Lead				
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				
7440-09-7	Potassium				
7782-49-2	Selenium				
7440-22-4	Silver				
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide	0.29	U		C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:
CLIENT ID: T-SU-SB116C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21268

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB1(

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 74.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37400		* J	P
7440-36-0	Antimony	1.4	U		F
7440-38-2	Arsenic	1.1	[redacted]		F
7440-39-3	Barium	681			P
7440-41-7	Beryllium	1.5			P
7440-43-9	Cadmium	0.77	U		P
7440-70-2	Calcium	4600			P
7440-47-3	Chromium	41.6		* J	P
7440-48-4	Cobalt	15.4			P
7440-50-8	Copper	37.8			P
7439-89-6	Iron	29500		* J	P
7439-92-1	Lead	14.1			F
7439-95-4	Magnesium	11600		*	A
7439-96-5	Manganese	944		* J	P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	32.8			P
7440-09-7	Potassium	6750		*	A
7782-49-2	Selenium	0.53	U		F
7440-22-4	Silver	2.0	U	N UJ	P
7440-23-5	Sodium	599	[redacted]	4	A
7440-28-0	Thallium	0.35	U		F
7440-62-2	Vanadium	36.4		*	P
7440-66-6	Zinc	56.3		* J	P
	Cyanide	0.29	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-BB001A

APPENDIX B-4

VOLATILE ORGANIC COMPOUNDS IN SOILS - PLATING SHOP

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R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Sample Depth (ft) Units	T-SU-SB201A 5 µg/kg	T-SU-SB201X 5 µg/kg	T-SU-SB201B 14 µg/kg	T-SU-SB201C 19 µg/kg	T-SU-SB202A 5 µg/kg	T-SU-SB202B 10 µg/kg	T-SU-SB202C 20 µg/kg	T-SU-SB203A 5 µg/kg	T-SU-SB203B 10 µg/kg	T-SU-SB203C 20 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Bromomethane	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Vinyl Chloride	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Chloroethane	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Methylene Chloride	11 U	9 U	10 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Acetone	30 U	12 U	13 U	11 U	12 U	11U	11 U	48 U	13 U	11 U
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Chloroform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
2-Butanone	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	3 J	6 U	6 U	7 U	5 U
Carbon Tetrachloride	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Vinyl Acetate	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.

NA - Not analyzed.

R - The data are unusable. (Note: Analyte may or may not be present.)

U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.

UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).

B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).

C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).

X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB201A 5 µg/kg	T-SU-SB201X 5 µg/kg	T-SU-SB201B 14 µg/kg	T-SU-SB201C 19 µg/kg	T-SU-SB202A 5 µg/kg	T-SU-SB202B 10 µg/kg	T-SU-SB202C 20 µg/kg	T-SU-SB203A 5 µg/kg	T-SU-SB203B 10 µg/kg	T-SU-SB203C 20 µg/kg
Volatile Organic Compounds[a]										
1,2-Dichloropropane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
cis-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Trichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Dibromochloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,1,2-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Benzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
trans-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Bromoform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
4-Methyl-2-pentanone	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
2-Hexanone	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U	13 U	11 U
Tetrachloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Toluene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
1,1,2,2-Tetrachloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Chlorobenzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Ethylbenzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Styrene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U
Xylene (total)	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	7 U	5 U

Data Qualifier Legend
(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend
A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB204A 5 µg/kg	T-SU-SB204B 10 µg/kg	T-SU-SB204X 10 µg/kg	T-SU-SB204C 19.5 µg/kg	T-SU-SB205A 5 µg/kg	T-SU-SB205B 10 µg/kg	T-SU-SB205C 20 µg/kg	T-SU-SB206A 5 µg/kg	T-SU-SB206C 10 µg/kg	T-SU-SB206D 19 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	12 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	12 U	12 U
Bromomethane	12 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	12 U	12 U
Vinyl Chloride	12 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	12 U	12 U
Chloroethane	12 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	12 U	12 U
Methylene Chloride	6 U	6 U	6 U	5 U	14 U	6 U	6 U	6 U	6 U	6 U
Acetone	12 U	12 U	11 U	11 U	64 U	31 U	51 U	13 U	12 U	51 U
Carbon Disulfide	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	12 U	12 U	11 U	11 U	13 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
1,1,1-Trichloroethane	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	12 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	12 U	12 U
Bromodichloromethane	6 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.

Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.

NA - Not analyzed.

R - The data are unusable. (Note: Analyte may or may not be present.)

U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).

B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).

C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).

X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Depth (ft) Units	T-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-2SB07X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 3 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Bromomethane	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Vinyl Chloride	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Chloroethane	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Methylene Chloride	6 U	9 U	10 U	6 U	6 U	6 U	12 U	6 U	6 U	8 U
Acetone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	44 U	12 U
Carbon Disulfide	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethylene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethylene (total)	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	7 J	12 U
1,1,1-Trichloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Bromodichloromethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Depth (ft) Units	T-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-SB207X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 3 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Volatile Organic Compounds[a]										
1,2-Dichloropropane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
2-Hexanone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Tetrachloroethene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.

NA - Not analyzed.

R - The data are unusable. (Note: Analyte may or may not be present.)

U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.

UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).

B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).

C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).

X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Depth (ft) Units	T-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-SB207X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 3 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Volatile Organic Compounds[a]										
1,2-Dichloropropane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
2-Hexanone	12 U	12 U	15 U	11 U	11 U	11 U	11 U	13 U	13 U	12 U
Tetrachloroethene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	6 U	6 U	7 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds. Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB210A 5 µg/kg	T-SU-SB210B 10 µg/kg	T-SU-SB210C 20 µg/kg	T-SU-SB211A 5-5.5 µg/kg	T-SU-SB211X 4-5.5 µg/kg	T-SU-SB211B 10 µg/kg	T-SU-SB211C 20 µg/kg	T-SU-SB212A 10 µg/kg	T-SU-SB212B 10 µg/kg	T-SU-SB212C 18 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Bromomethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Vinyl Chloride	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Chloroethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Methylene Chloride	6 U	8 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Acetone	13 U	12 U	12 U	12 UJ	12 UJ	11 UJ	12 UJ	11 UJ	11 UJ	12 U
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Chloroform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	13 U	12 U	12 U	12 R	12 U	11 U	12 U	11 R	11 R	12 R
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	25	6 U
Carbon Tetrachloride	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds. Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB210A 5 µg/kg	T-SU-SB210B 10 µg/kg	T-SU-SB210C 20 µg/kg	T-SU-SB211A 5-5.5 µg/kg	T-SU-SB211X 4-5.5 µg/kg	T-SU-SB211B 10 µg/kg	T-SU-SB211C 20 µg/kg	T-SU-SB212A 10 µg/kg	T-SU-SB212B 10 µg/kg	T-SU-SB212C 18 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Bromomethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Vinyl Chloride	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Chloroethane	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Methylene Chloride	6 U	8 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Acetone	13 U	12 U	12 U	12 UJ	12 UJ	11 UJ	12 UJ	11 UJ	11 UJ	12 U
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Chloroform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	13 U	12 U	12 U	12 R	12 U	11 U	12 U	11 R	11 R	12 R
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	25	6 U
Carbon Tetrachloride	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	13 U	12 U	12 U	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	5 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.

NA - Not analyzed.

R - The data are unusable. (Note: Analyte may or may not be present.)

U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.

UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).

B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).

C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).

X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE NINE

Sample Number Depth (ft) Units	T-SU-SB213A 5 µg/kg	T-SU-SB213B 20 µg/kg	T-SU-SB214A 5 µg/kg	T-SU-SB214B 10 µg/kg	T-SU-SB215A 5 µg/kg	T-SU-SB215B 10 µg/kg	T-SU-SB215C 20 µg/kg	T-SU-SB216A 5 µg/kg	T-SU-SB216B 10 µg/kg	T-SU-SB216X 10 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	12 U	11 U	12 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U
Bromomethane	12 U	11 U	12 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U
Vinyl Chloride	12 U	11 U	12 U	11 U	12 U	12 U	12 U	12 U	12 U	12 U
Chloroethane	12 U	11 U	12 U	11 U	12 U	12 U	12 U	12 U	12 UJ	12 U
Methylene Chloride	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Acetone	5 J	11 UJ	12 U	11 UJ	32 U	12 UJ	12 U	170 J	12 U	12 U
Carbon Disulfide	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 UJ	6 U
1,1-Dichloroethene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	0.2 J	6 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
2 Butanone	12 U	11 R	12 U	11 R	12 R	12 R	12 R	36 J	0.7 J	12 UJ
1,1,1-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 UJ	6 U	6 UJ
Vinyl Acetate	12 U	11 U	12 U	11 U	12 U	12 U	12 U	12 UJ	12 UJ	12 UJ
Bromodichloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds. Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TEN

Sample Number Depth (ft) Units	T-SU-SB213A 5 µg/kg	T-SU-SB213B 20 µg/kg	T-SU-SB214A 5 µg/kg	T-SU-SB214B 10 µg/kg	T-SU-SB215A 5 µg/kg	T-SU-SB215B 10 µg/kg	T-SU-SB215C 20 µg/kg	T-SU-SB216A 5 µg/kg	T-SU-SB216B 10 µg/kg	T-SU-SB216X 10 µg/kg
Volatile Organic Compounds[a]										
1,2-Dichloropropane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	19	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	12 U	11 U	12 U	11 U	12 UJ	12 U	12 U	12 U	12 U	12 U
2-Hexanone	12 U	11 U	12 U	11 U	12 UJ	12 U	12 U	12 U	12 U	12 U
Tetrachloroethene	12	6 U	6 U	6 U	5 J	2 J	6 U	6 U	6 U	3 J
Toluene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds. Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

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TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE ELEVEN

Sample Number Depth (ft) Units	T-SU-SB216C 20 µg/kg	T-SU-SB217A 5 µg/kg	T-SU-SB217B 10 µg/kg	T-SU-SB217C 20 µg/kg	T-SU-SB218A 5 µg/kg	T-SU-SB218B 20 µg/kg	T-SU-SB218X 20 µg/kg	T-SU-SB220A 5 µg/kg	T-SU-SB220B 10 µg/kg	T-SU-SB220C 20 µg/kg
Volatile Organic Compounds[a]										
Chloromethane	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
Bromomethane	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
Vinyl Chloride	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
Chloroethane	13 U	11 U	11 U	13 U	10 U	11 U	12 UJ	11 U	12 U	12 U
Methylene Chloride	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Acetone	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	13 U
Carbon Disulfide	6 U	5 U	6 U	6 U	5 U	6 U	6 UJ	6 U	6 U	6 U
1,1-Dichloroethene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene (total)	6 U	5 U	6 U	6 U	21	6 U	6 U	6 U	6 U	6 U
Chloroform	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	13 U	7 J	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
1,1,1-Trichloroethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	6 UJ	5 UJ	6 UJ	6 UJ	5 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	13 UJ	11 UJ	11 UJ	13 UJ	10 U	11 U	12 UJ	11 UJ	12 UJ	12 U
Bromodichloromethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWELVE

Sample Number Depth (ft) Units	T-SU-SB216C 20 µg/kg	T-SU-SB217A 5 µg/kg	T-SU-SB217B 10 µg/kg	T-SU-SB217C 20 µg/kg	T-SU-SB218A 5 µg/kg	T-SU-SB218B 20 µg/kg	T-SU-SB218X 20 µg/kg	T-SU-SB220A 5 µg/kg	T-SU-SB220B 10 µg/kg	T-SU-SB220C 20 µg/kg
Volatile Organic Compounds[a]										
1,2-Dichloropropane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	6 U	5 U	6 U	6 U	8 U	6 U	6 U	6 U	6 U	6 U
Dibromochloromethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Benzene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
4-Methyl-2-pentanone	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
2-Hexanone	13 U	11 U	11 U	13 U	10 U	11 U	12 U	11 U	12 U	12 U
Tetrachloroethene	6 U	5 U	6 U	6 U	180	6 U	6 U	6 U	6 U	6 U
Toluene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Styrene	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	6 U	5 U	6 U	6 U	5 U	6 U	6 U	6 U	6 U	6 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value.
The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THIRTEEN

Sample Number Depth (ft) Units	T-SU-SB221A 5 µg/kg	T-SU-SB221B 10 µg/kg	T-SU-SB221C 20 µg/kg	T-SU-BB001A Surface µg/kg
Volatile Organic Compounds[a]				
Chloromethane	12 U	11 U	9 J	13 U
Bromomethane	12 U	11 U	12 U	13 U
Vinyl Chloride	12 U	11 U	12 U	13 U
Chloroethane	12 U	11 U	12 U	13 U
Methylene Chloride	49	27 U	48	7 U
Acetone	12 U	11 U	12 U	13 U
Carbon Disulfide	6 U	6 U	6 U	7 U
1,1-Dichloroethene	6 U	6 U	6 U	7 U
1,1-Dichloroethane	6 U	6 U	6 U	7 U
1,2-Dichloroethene (total)	6 U	6 U	6 U	7 U
Chloroform	6 U	6 U	6 U	7 U
1,2-Dichloroethane	6 U	6 U	6 U	7 U
2-Butanone	12 U	11 U	12 U	13 U
1,1,1-Trichloroethane	6 U	6 U	6 U	7 U
Carbon Tetrachloride	6 U	6 U	6 U	7 U
Vinyl Acetate	0.1 J	11 U	12 U	13 U
Bromodichloromethane	6 U	6 U	6 U	7 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

TABLE B-4

VOLATILE ORGANIC COMPOUNDS DETECTED IN SOILS
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOURTEEN

Sample Number Depth (ft) Units	T-SU-SB221A 5 µg/kg	T-SU-SB221B 10 µg/kg	T-SU-SB221C 20 µg/kg	T-SU-BB001A Surface µg/kg
Volatile Organic Compounds[a]				
1,2-Dichloropropane	6 U	6 U	6 U	7 U
cis-1,3-Dichloropropene	6 U	6 U	6 U	7 U
Trichloroethene	2 J	6 U	6 U	7 U
Dibromochloromethane	6 U	6 U	6 U	7 U
1,1,2-Trichloroethane	6 U	6 U	6 U	7 U
Benzene	6 U	6 U	6 U	7 U
trans-1,3-Dichloropropene	6 U	6 U	6 U	7 U
Bromoform	6 U	6 U	6 U	7 U
4-Methyl-2-pentanone	12 U	11 U	12 U	13 U
2-Hexanone	12 U	11 U	12 U	13 U
Tetrachloroethene	6 U	6 U	6 U	7 U
Toluene	6 U	6 U	6 U	7 U
1,1,2,2-Tetrachloroethane	6 U	6 U	6 U	7 U
Chlorobenzene	6 U	6 U	6 U	7 U
Ethylbenzene	6 U	6 U	6 U	7 U
Styrene	6 U	6 U	6 U	7 U
Xylene (total)	6 U	6 U	6 U	7 U

Data Qualifier Legend

(a) Target compound list for volatile organic compounds.
Samples collected March 6, 1990 to March 23, 1990.

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected 0.5 to 6' below the soil surface (i.e., SB201A).
B - Soil sample collected 10 to 15' below the soil surface (i.e., SB201B).
C - Soil sample collected 16 to 20' below the soil surface (i.e., SB201C).
X - Duplicate sample (i.e., SB201X).

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201A

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134469

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403099004

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 Date Analyzed: 03/09/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB201XD

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134470

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403099005

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 Date Analyzed: 03/09/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	9	U
67-64-1	Acetone	12U ~~10~~	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201B

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134471

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403099006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 Date Analyzed: 03/09/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6 U2	
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201C

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134472

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119001

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 12 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~3~~	[illegible]
67-64-1	Acetone	11U ~~8~~	[illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.7~~	[illegible]
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202A

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134473

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V303099002

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 19 Date Analyzed: 03/10/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	~~8~~ 6U	
67-64-1	Acetone	12U	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	~~2~~ 6U	
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202B

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134474

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V303099004

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 12 Date Analyzed: 03/10/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	~~4~~ 6	U
67-64-1	Acetone	~~2~~ 11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	~~1~~ 6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202C

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134475

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119004

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 11 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	~~2~~ 6U	
67-64-1	Acetone	11U	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.6~~	
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134476

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403139005

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 Date Analyzed: 03/13/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	C
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~1~~	[redacted]
67-64-1	Acetone	48	4 [redacted] MSB 10/28/91
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	[redacted]
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~1.5~~	[redacted]
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203B

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134477

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119003

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 25 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	~~7~~ 142	
67-64-1	Acetone	~~8~~ 134	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203C

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134478

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119005

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 9 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	[redacted]
67-64-1	Acetone	11U ~~5~~	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134479

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V40319006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 18 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	64 ~~2~~	~~B~~
67-64-1	Acetone	12U ~~5~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~[illegible]~~	~~[illegible]~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204B

Lab Name: NUS-LSG Contract: 68-W8-0088

District: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix (soil/water) SOIL Lab Sample ID: P134483

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119010

Level (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 Date Analyzed: 03/11/90

Extraction (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~3~~	~~B~~
67-64-1	Acetone	12U ~~5~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.8~~	~~BJ~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204XD

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134482

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 11 Date Analyzed: 03/11/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	~~B~~
67-64-1	Acetone	11U ~~5~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.6~~	~~BJ~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204C

Lab Name: NUS-LSG Contract: 68-W8-0088

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134484

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119011

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 9 Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5U ~~2~~	~~B~~
67-64-1	Acetone	11U ~~5~~	~~B~~
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5U ~~0.8~~	~~BJ~~
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134724

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403169009

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 22 Date Analyzed: 03/16/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	14 u	~~B~~
67-64-1	Acetone	64 u	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6u ~~3~~	~~J~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6u ~~0.9~~	~~J~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205B

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134727

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189005

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 17 Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~3~~	~~B~~
67-64-1	Acetone	31U	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	~~B~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134728

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189006

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 16 Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~3~~	[illegible]
67-64-1	Acetone	51U	[illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	[illegible]
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.8~~	~~[illegible]~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134732

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189007

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 17 Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~3~~	~~B~~
67-64-1	Acetone	13	~~B~~ U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	~~BJ~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.9~~	~~BJ~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134733

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189008

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 15 Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~2~~	~~BJ~~
67-64-1	Acetone	12U ~~11~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	~~BJ~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.61~~	~~BJ~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206D

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134734

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189009

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 18 Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~3~~	~~BJ~~
67-64-1	Acetone	51	U mxB 10/23/91
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~2~~	~~BJ~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6U ~~0.8~~	~~BJ~~
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135089

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219001

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 17 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6U ~~5~~	[illegible]
67-64-1	Acetone	12U ~~3~~	[illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207B

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135092

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	~~9~~	~~B~~ U
67-64-1	Acetone	12U ~~2~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135093

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 33 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl Chloride	15	U
75-00-3	Chloroethane	15	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	154	
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	15	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207X

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135094

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219004

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 12 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	~~4~~ 6U	[illegible]
67-64-1	Acetone	~~4~~ 11U	[illegible]
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135096

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219006

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 13 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U ~~B~~
67-64-1	Acetone	11U ~~3~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208B
PEO 10/

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135095

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219005

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 12 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~3~~	~~B~~
67-64-1	Acetone	nU ~~7~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135080

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03199022

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 13 Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	12	U
67-64-1	Acetone	11 ~~5~~	~~U~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135097

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219007

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 21 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6U ~~4~~	~~BJ~~
67-64-1	Acetone	13U ~~9~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209B

ab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135098

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03219008

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 22 Date Analyzed: 03/21/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6U ~~5~~	~~BJ~~
67-64-1	Acetone	44U	~~X~~ MJB 10/28-91
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135081

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209003

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 16 Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	U ~~B~~
67-64-1	Acetone	12U ~~12~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135077

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03199016

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 22 Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	~~BJ~~
67-64-1	Acetone	13 ~~42~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210B

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135078

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03199017

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 18 Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	U ~~B~~
67-64-1	Acetone	12U ~~2~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210C

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135079

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03199019

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12U ~~5~~	~~U~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120841

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03219003

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120843

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03209010

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120842

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03209009

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 13 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120844

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03209011

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 18 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120839

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03219002

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 11 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120847

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03219005

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 7 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	~~UR~~
71-55-6	1,1,1-Trichloroethane	25	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	UJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120840

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03209007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 Date Analyzed: 03/20/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120845

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03209012

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 14 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	19	
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120846

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF0321900E

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 10 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120904

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03219010

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120907

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03219007

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 12 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	~~U~~R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120908

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 17 Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	32	W
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	UJ
591-78-6	2-Hexanone	12	UJ
127-18-4	Tetrachloroethene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120911

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03219008

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120912

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03219009

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 14 Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121012

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	170	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	36	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	UJ
108-05-4	Vinyl Acetate	12	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121013

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03229010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 17 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	6U ~~2~~	~~BJ~~
67-64-1	Acetone	12U ~~7~~	~~BJ~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	0.2	J
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	0.7	J
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6U ~~2~~	~~BJ~~
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121015

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03229012

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	UJ
108-05-4	Vinyl Acetate	12	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121014

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF03229011

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 23 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	UJ
108-05-4	Vinyl Acetate	13	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121016

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229013

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 6 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	UJ
108-05-4	Vinyl Acetate	11	UJ
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121017

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229014

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 11 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	UJ
108-05-4	Vinyl Acetate	11	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121018

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229015

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 20 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	UJ
108-05-4	Vinyl Acetate	13	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121080

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03279004

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. _____ Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5U ~~1~~	
67-64-1	Acetone	10U ~~4~~	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	21	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	8	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5U ~~2~~	
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	180	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB218B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121078

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03279003

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 10 Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6U ~~2~~	
67-64-1	Acetone	11U ~~10~~	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB218)

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121077

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP0323900T

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 19 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	~~1~~	~~BJ~~
67-64-1	Acetone	6U ~~5~~ 12U	~~BJ~~
75-15-0	Carbon Disulfide	6	UJ
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6U ~~3~~	~~BJ~~
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121073

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03239002

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 13 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121074

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03239001

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 14 Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	UJ
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121075

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03279001

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND			Q
74-87-3	Chloromethane		12	U
74-83-9	Bromomethane		12	U
75-01-4	Vinyl Chloride		12	U
75-00-3	Chloroethane		12	U
75-09-2	Methylene Chloride	6u	~~1~~	~~J~~
67-64-1	Acetone	13u	~~13~~	~~B~~
75-15-0	Carbon Disulfide		6	U
75-35-4	1,1-Dichloroethene		6	U
75-34-3	1,1-Dichloroethane		6	U
540-59-0	1,2-Dichloroethene (total)		6	U
67-66-3	Chloroform	6u	~~2~~	~~J~~
107-06-2	1,2-Dichloroethane		6	U
78-93-3	2-Butanone		12	U
71-55-6	1,1,1-Trichloroethane		6	U
56-23-5	Carbon Tetrachloride		6	U
108-05-4	Vinyl Acetate		12	U
75-27-4	Bromodichloromethane		6	U
78-87-5	1,2-Dichloropropane		6	U
10061-01-5	cis-1,3-Dichloropropene		6	U
79-01-6	Trichloroethene		6	U
124-48-1	Dibromochloromethane		6	U
79-00-5	1,1,2-Trichloroethane		6	U
71-43-2	Benzene	6u	~~3~~	~~BJ~~
10061-02-6	trans-1,3-Dichloropropene		6	U
75-25-2	Bromoform		6	U
108-10-1	4-Methyl-2-Pentanone		12	U
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		6	U
79-34-5	1,1,2,2-Tetrachloroethane		6	U
108-88-3	Toluene		6	U
108-90-7	Chlorobenzene		6	U
100-41-4	Ethylbenzene		6	U
100-42-5	Styrene		6	U
1330-20-7	Xylene (total)		6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB221A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121265

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03279007

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 18 Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	49	B
67-64-1	Acetone	12U ~~5~~	~~B~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	0.1	J
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	2	J
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6U ~~3~~	~~J~~
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TSUSB221B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121266

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VF03279008

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 13 Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	27	U
67-64-1	Acetone	6	
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	3	
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121267

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03279011

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 16 Date Analyzed: 03/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	9	J
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	48	[illegible]
67-64-1	Acetone	124 ~~9~~	~~J~~
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6U ~~9~~	~~J~~
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB8001A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VF0328B003

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 25 Date Analyzed: 03/28/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

APPENDIX B-5

SEMIVOLATILE ORGANIC COMPOUNDS IN SOILS - PLATING SHOP

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	TU-SU-SB201A 5 µg/kg	T-SU-SB201X 5 µg/kg	T-SU-SB201B 13 µg/kg	T-SU-SB201C 19 µg/kg	T-SU-SB202A 5 µg/kg	T-SU-SB202B 10 µg/kg	T-SU-SB202C 20 µg/kg	T-SU-SB203A 5 µg/kg	T-SU-SB203B 10 µg/kg	T-SU-SB203C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	8 J
Bis(2-Chloroethyl)Ether	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2-Chlorophenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
1,3-Dichlorobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
1,4-Dichlorobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzyl Alcohol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
1,2-Dichlorobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2-Methylphenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Bis(2-Chloroisopropyl)Ether	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
4-Methylphenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
N-Nitroso-di-n-Propylamine	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Hexachloroethane	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Nitrobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Isophorone	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2-Nitrophenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4-Dimethylphenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzoic Acid	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
Bis(2-Chloroethoxy)Methane	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4-Dichlorophenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
1,2,4-Trichlorobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Naphthalene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
4-Chloroaniline	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Hexachlorobutadiene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compoundwas not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	TU-SU-SB201A 5 µg/kg	T-SU-SB201X 5 µg/kg	T-SU-SB201B 13 µg/kg	T-SU-SB201C 19 µg/kg	T-SU-SB202A 5 µg/kg	T-SU-SB202B 10 µg/kg	T-SU-SB202C 20 µg/kg	T-SU-SB203A 5 µg/kg	T-SU-SB203B 10 µg/kg	T-SU-SB203C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Hexachlorocyclopentadiene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4,6-Trichlorophenol	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4,5-Trichlorophenol	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
2-Chloronaphthalene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2-Nitroaniline	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
Dimethyl Phthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Acenaphthylene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,6-Dinitrotoluene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
3-Nitroaniline	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
Acenaphthene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4-Dinitrophenol	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
4-Nitrophenol	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
Dibenzofuran	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
2,4-Dinitrotoluene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Diethylphthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	7 J	430 U	360 U
4-Chlorophenyl-phenyl ether	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Fluorene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
4-Nitroaniline	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
4,6-Dinitro-2-methylphenol	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
N-nitrosodiphenylamine	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
4-Bromophenyl-phenylether	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Hexachlorobenzene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Pentachlorophenol	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,800 U	1,900 U	2,100 U	1,800 U
Phenanthrene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	TU-SU-SB201A 5 µg/kg	T-SU-SB201X 5 µg/kg	T-SU-SB201B 13 µg/kg	T-SU-SB201C 19 µg/kg	T-SU-SB202A 5 µg/kg	T-SU-SB202B 10 µg/kg	T-SU-SB202C 20 µg/kg	T-SU-SB203A 5 µg/kg	T-SU-SB203B 10 µg/kg	T-SU-SB203C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Di-n-butylphthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Fluoranthene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Pyrene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Butylbenzylphthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
3,3'-Dichlorobenzidine	790 U	790 U	780 U	750 U	810 U	750 U	740 U	800 U	870 U	730 U
Benzo(a)anthracene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Chrysene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Bis(2-Ethylhexyl)phthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Di-n-Octyl Phthalate	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzo(b)fluoranthene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzo(k)fluoranthene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzo(a)pyrene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Indeno(1,2,3-cd)Pyrene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Dibenz(h,h)Anthracene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U
Benzo(g,h,i)Perylene	390 U	390 U	390 U	370 U	400 U	370 U	370 U	400 U	430 U	360 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Depth (ft) Units	TU-SU-SB204A 5 µg/kg	T-SU-SB204B 10 µg/kg	T-SU-SB204X 10 µg/kg	T-SU-SB204C 19.5 µg/kg	T-SU-SB205A 5 µg/kg	T-SU-SB205B 10 µg/kg	T-SU-SB205C 20 µg/kg	T-SU-SB206A 5 µg/kg	T-SU-SB206C 10 µg/kg	T-SU-SB206D 19 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Bis(2-Chloroethyl)Ether	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2-Chlorophenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
1,3-Dichlorobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
1,4-Dichlorobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzyl Alcohol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
1,2-Dichlorobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2-Methylphenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Bis(2-Chloroisopropyl)Ether	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Methylphenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
N-Nitroso-di-n-Propylamine	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Hexachloroethane	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Nitrobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Isophorone	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2-Nitrophenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4-Dimethylphenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzoic Acid	1900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
Bis(2-Chloroethoxy)Methane	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4-Dichlorophenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
1,2,4-Trichlorobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Naphthalene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Chloroaniline	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Hexachlorobutadiene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U

Data Qualifier Legend

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NA - Not analyzed
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U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
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Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Depth (ft) Units	TU-SU-SB204A 5 µg/kg	T-SU-SB204B 10 µg/kg	T-SU-SB204X 10 µg/kg	T-SU-SB204C 19.5 µg/kg	T-SU-SB205A 5 µg/kg	T-SU-SB205B 10 µg/kg	T-SU-SB205C 20 µg/kg	T-SU-SB206A 5 µg/kg	T-SU-SB206C 10 µg/kg	T-SU-SB206D 19 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Hexachlorocyclopentadiene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4,6-Trichlorophenol	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4,5-Trichlorophenol	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
2-Chloronaphthalene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2-Nitroaniline	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
Dimethyl Phthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Acenaphthylene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,6-Dinitrotoluene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
3-Nitroaniline	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
Acenaphthene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4-Dinitrophenol	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
4-Nitrophenol	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
Dibenzofuran	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
2,4-Dinitrotoluene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Diethylphthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Chlorophenyl-phenyl ether	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Fluorene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Nitroaniline	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
4,6-Dinitro-2-methylphenol	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
N-nitrosodiphenylamine	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
4-Bromophenyl-phenylether	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Hexachlorobenzene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Pentachlorophenol	1,900 U	1,900 U	1,800 U	1,700 U	2,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,000 U
Phenanthrene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
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Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Depth (ft) Units	TU-SU-SB204A 5 µg/kg	T-SU-SB204B 10 µg/kg	T-SU-SB204X 10 µg/kg	T-SU-SB204C 19.5 µg/kg	T-SU-SB205A 5 µg/kg	T-SU-SB205B 10 µg/kg	T-SU-SB205C 20 µg/kg	T-SU-SB206A 5 µg/kg	T-SU-SB206C 10 µg/kg	T-SU-SB206D 19 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Di-n-butylphthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Fluoranthene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Pyrene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Butylbenzylphthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
3,3'-Dichlorobenzidine	800 U	780 U	730 U	720 U	840 U	800 U	790 U	800 U	780 U	810 U
Benzo(a)anthracene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Chrysene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Bis(2-Ethylhexyl)phthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Di-n-Octyl Phthalate	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzo(b)fluoranthene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzo(k)fluoranthene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzo(a)pyrene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Indeno(1,2,3-cd)Pyrene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Dibenz(h,h)Anthracene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U
Benzo(g,h,i)Perylene	400 U	390 U	370 U	360 U	420 U	400 U	390 U	400 U	390 U	400 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	TU-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-SB207X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 5 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Bis(2-Chloroethyl)Ether	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2-Chlorophenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
1,3-Dichlorobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
1,4-Dichlorobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzyl Alcohol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
1,2-Dichlorobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2-Methylphenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Bis(2-Chloroisopropyl)Ether	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Methylphenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
N-Nitroso-di-n-Propylamine	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Hexachloroethane	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Nitrobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Isophorone	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2-Nitrophenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4-Dimethylphenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzoic Acid	42 J	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
Bis(2-Chloroethoxy)Methane	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4-Dichlorophenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
1,2,4-Trichlorobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Naphthalene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Chloroaniline	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Hexachlorobutadiene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
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R - The data are unusable. (Note: analyte may or may not be present).
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Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE EIGHT

Sample Number Depth (ft) Units	TU-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-SB207X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 5 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Hexachlorocyclopentadiene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4,6-Trichlorophenol	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4,5-Trichlorophenol	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
2-Chloronaphthalene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2-Nitroaniline	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
Dimethyl Phthalate	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Acenaphthylene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,6-Dinitrotoluene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
3-Nitroaniline	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
Acenaphthene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4-Dinitrophenol	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
4-Nitrophenol	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
Dibenzofuran	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
2,4-Dinitrotoluene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Diethylphthalate	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Chlorophenyl-phenyl ether	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Fluorene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Nitroaniline	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 UJ	2,000 UJ	2,000 UJ	1,900 UJ
4,6-Dinitro-2-methylphenol	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
N-nitrosodiphenylamine	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
4-Bromophenyl-phenylether	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Hexachlorobenzene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Pentachlorophenol	1,900 U	1,900 U	2,400 U	1,800 U	1,800 U	1,800 U	1,800 U	2,000 U	2,000 U	1,900 U
Phenanthrene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

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B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE NINE

Sample Number Depth (ft) Units	TU-SU-SB207A 5 µg/kg	T-SU-SB207B 10 µg/kg	T-SU-SB207C 20 µg/kg	T-SU-SB207X 20 µg/kg	T-SU-SB208A 5 µg/kg	T-SU-SB208B 10 µg/kg	T-SU-SB208C 20 µg/kg	T-SU-SB209A 5 µg/kg	T-SU-SB209B 10 µg/kg	T-SU-SB209C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Di-n-butylphthalate	66 J	36 J	490 U	19 J	32 J	380 U	19 J	36 J	36 J	390 U
Fluoranthene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	410 U	390 U
Pyrene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Butylbenzylphthalate	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
3,3'-Dichlorobenzidine	800 U	770 U	970 U	750 U	740 U	760 U	760 U	830 U	840 U	780 U
Benzo(a)anthracene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Chrysene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Bis(2-Ethylhexyl)phthalate	400 U	380 U	1,100	750	370 U	380 U	380 U	410 U	420 U	390 U
Di-n-Octyl Phthalate	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzo(b)fluoranthene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzo(k)fluoranthene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzo(a)Pyrene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Indeno(1,2,3-cd)pyrene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Dibenz(h,h)Anthracene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U
Benzo(g,h,i)Perylene	400 U	380 U	490 U	370 U	370 U	380 U	380 U	410 U	420 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
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NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
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Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TEN

Sample Number Depth (ft) Units	T-SU-SB210A 5 µg/kg	T-SU-SB210B 10 µg/kg	T-SU-SB210C 20 µg/kg	T-SU-SB211A 4-5.5 µg/kg	T-SU-SB211X 4-5.5 µg/kg	T-SU-SB211B 10 µg/kg	T-SU-SB211C 20 µg/kg	T-SU-SB212A 5 µg/kg	T-SU-SB212B 10 µg/kg	T-SU-SB212C 18 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Bis(2-Chloroethyl)Ether	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2-Chlorophenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
1,3-Dichlorobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
1,4-Dichlorobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Benzyl Alcohol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
1,2-Dichlorobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2-Methylphenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Bis(2-Chloroisopropyl)Ether	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
4-Methylphenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
N-Nitroso-di-n-Propylamine	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Hexachloroethane	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Nitrobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Isophorone	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2-Nitrophenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4-Dimethylphenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Benzoic Acid	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
Bis(2-Chloroethoxy)Methane	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4-Dichlorophenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
1,2,4-Trichlorobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Naphthalene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
4-Chloroaniline	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Hexachlorobutadiene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U

Data Qualifier Legend

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Sample Number Legend

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B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE ELEVEN

Sample Number Depth (ft) Units	T-SU-SB210A 5 µg/kg	T-SU-SB210B 10 µg/kg	T-SU-SB210C 20 µg/kg	T-SU-SB211A 4-5.5 µg/kg	T-SU-SB211X 4-5.5 µg/kg	T-SU-SB211B 10 µg/kg	T-SU-SB211C 20 µg/kg	T-SU-SB212A 5 µg/kg	T-SU-SB212B 10 µg/kg	T-SU-SB212C 18 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Hexachlorocyclopentadiene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4,6-Trichlorophenol	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4,5-Trichlorophenol	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
2-Chloronaphthalene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2-Nitroaniline	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
Dimethyl Phthalate	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Acenaphthylene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,6-Dinitrotoluene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
3-Nitroaniline	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
Acenaphthene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4-Dinitrophenol	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
4-Nitrophenol	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
Dibenzofuran	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
2,4-Dinitrotoluene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Diethylphthalate	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
4-Chlorophenyl-phenyl ether	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Fluorene	420 U	400 U	390 U	390 U	390 UJ	380 U	400 UJ	370 U	350 U	390 U
4-Nitroaniline	2,100 UJ	2,000 UJ	1,900 UJ	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
4,6-Dinitro-2-methylphenol	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
N-nitrosodiphenylamine	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
4-Bromophenyl-phenylether	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Hexachlorobenzene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Pentachlorophenol	2,100 U	2,000 U	1,900 U	1,900 U	1,900 U	1,800 U	2,000 U	1,800 U	1,700 U	1,900 U
Phenanthrene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U

Data Qualifier Legend
(a) Samples collected March 6, 1990 to March 23, 1990.
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R - The data are unusable. (Note: analyte may or may not be present).
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Sample Number Legend
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C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWELVE

Sample Number Depth (ft) Units	T-SU-SB210A 5 µg/kg	T-SU-SB210B 10 µg/kg	T-SU-SB210C 20 µg/kg	T-SU-SB211A 4-5.5 µg/kg	T-SU-SB211X 4-5.5 µg/kg	T-SU-SB211B 10 µg/kg	T-SU-SB211C 20 µg/kg	T-SU-SB212A 5 µg/kg	T-SU-SB212B 10 µg/kg	T-SU-SB212C 18 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Di-n-butylphthalate	44 J	29 J	36 J	390 U	390 U	380 U	48 J	370 U	350 U	390 U
Fluoranthene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Pyrene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Butylbenzylphthalate	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
3,3'-Dichlorobenzidine	850 U	810 U	780 U	780 U	780 U	760 U	810 U	740 U	710 U	780 U
Benzo(a)anthracene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Chrysene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Bis(2-Ethylhexyl)phthalate	420 U	400 U	390 U	390 U	390 U	380 U	130 J	370 U	350 U	390 U
Di-n-Octyl Phthalate	420 U	400 U	390 U	390 U	390 U	380 U	130 J	370 U	350 U	390 U
Benzo(b)fluoranthene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Benzo(k)fluoranthene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Benzo(a)pyrene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Indeno(1,2,3-cd)Pyrene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Dibenz(h,h)Anthracene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U
Benzo(g,h,i)Perylene	420 U	400 U	390 U	390 U	390 U	380 U	400 U	370 U	350 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THIRTEEN

Sample Number Depth (ft) Units	TU-SU-SB213A 5 µg/kg	T-SU-SB213B 20 µg/kg	T-SU-SB214A 5 µg/kg	T-SU-SB214B 10 µg/kg	T-SU-SB215A 5 µg/kg	T-SU-SB215B 10 µg/kg	T-SU-SB215C 20 µg/kg	T-SU-SB216A 5 µg/kg	T-SU-SB216B 10 µg/kg	T-SU-SB216X 10 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Bis(2-Chloroethyl)Ether	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2-Chlorophenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
1,3-Dichlorobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
1,4-Dichlorobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzyl Alcohol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
1,2-Dichlorobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2-Methylphenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Bis(2-Chloroisopropyl)Ether	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
4-Methylphenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
N-Nitroso-di-n-Propylamine	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Hexachloroethane	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Nitrobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Isophorone	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2-Nitrophenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,4-Dimethylphenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzoic Acid	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
Bis(2-Chloroethoxy)Methane	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,4-Dichlorophenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
1,2,4-Trichlorobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Naphthalene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
4-Chloroaniline	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Hexachlorobutadiene	380 U	370 U	390 U	370 U	400 U	390 U		390 U	400 U	390 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
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Sample Number Legend

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B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOURTEEN

Sample Number Depth (ft) Units	TU-SU-SB213A 5 µg/kg	T-SU-SB213B 20 µg/kg	T-SU-SB214A 5 µg/kg	T-SU-SB214B 10 µg/kg	T-SU-SB215A 5 µg/kg	T-SU-SB215B 5 µg/kg	T-SU-SB215C 20 µg/kg	T-SU-SB216A 5 µg/kg	T-SU-SB216B 10 µg/kg	T-SU-SB216X 10 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Hexachlorocyclopentadiene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,4,6-Trichlorophenol	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,4,5-Trichlorophenol	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
2-Chloronaphthalene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2-Nitroaniline	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
Dimethyl Phthalate	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Acenaphthylene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,6-Dinitrotoluene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
3-Nitroaniline	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
Acenaphthene	380 U	370 U	390 U	370 U	400 U	290 U	380 U	390 U	400 U	390 U
2,4-Dinitrophenol	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
4-Nitrophenol	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
Dibenzofuran	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
2,4-Dinitrotoluene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Diethylphthalate	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
4-Chlorophenyl-phenyl ether	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Fluorene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
4-Nitroaniline	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
4,6-Dinitro-2-methylphenol	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
N-nitrosodiphenylamine	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
4-Bromophenyl-phenylether	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Hexachlorobenzene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Pentachlorophenol	1,900 U	1,800 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
Phenanthrene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
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R - The data are unusable. (Note: analyte may or may not be present).
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Sample Number Legend

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C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIFTEEN

Sample Number Depth (ft) Units	TU-SU-SB213A 5 µg/kg	T-SU-SB213B 20 µg/kg	T-SU-SB214A 5 µg/kg	T-SU-SB214B 10 µg/kg	T-SU-SB215A 5 µg/kg	T-SU-SB215B 5 µg/kg	T-SU-SB215C 20 µg/kg	T-SU-SB216A 5 µg/kg	T-SU-SB216B 10 µg/kg	T-SU-SB216X 10 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Di-n-butylphthalate	26 J	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Fluoranthene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Pyrene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Butylbenzylphthalate	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
3,3'-Dichlorobenzidine	770 U	730 U	790 U	750 U	800 U	790 U	770 U	790 U	800 U	790 U
Benzo(a)anthracene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Chrysene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Bis(2-Ethylhexyl)phthalate	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Di-n-Octyl Phthalate	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzo(b)fluoranthene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzo(k)fluoranthene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzo(a)pyrene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Indeno(1,2,3-cd)Pyrene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Dibenz(h,h)Anthracene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U
Benzo(g,h,i)Perylene	380 U	370 U	390 U	370 U	400 U	390 U	380 U	390 U	400 U	390 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
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Sample Number Legend

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C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIXTEEN

Sample Number Depth (ft) Units	TU-SU-SB216C 20 µg/kg	T-SU-SB217A 5 µg/kg	T-SU-SB217B 10 µg/kg	T-SU-SB217C 20 µg/kg	T-SU-SB218A 5 µg/kg	T-SU-SB218B 20 µg/kg	T-SU-SB218X 20 µg/kg	T-SU-SB220A 5 µg/kg	T-SU-SB220B 10 µg/kg	T-SU-SB220C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Bis(2-Chloroethyl)Ether	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2-Chlorophenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
1,3-Dichlorobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
1,4-Dichlorobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzyl Alcohol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
1,2-Dichlorobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2-Methylphenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Bis(2-Chloroisopropyl)Ether	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
4-Methylphenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
N-Nitroso-di-n-Propylamine	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Hexachloroethane	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Nitrobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Isophorone	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2-Nitrophenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4-Dimethylphenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzoic Acid	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
Bis(2-Chloroethoxy)Methane	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4-Dichlorophenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
1,2,4-Trichlorobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Naphthalene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
4-Chloroaniline	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Hexachlorobutadiene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
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Sample Number Legend

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B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVENTEEN

Sample Number Depth (ft) Units	TU-SU-SB216C 20 µg/kg	T-SU-SB217A 5 µg/kg	T-SU-SB217B 10 µg/kg	T-SU-SB217C 20 µg/kg	T-SU-SB218A 5 µg/kg	T-SU-SB218B 20 µg/kg	T-SU-SB218X 20 µg/kg	T-SU-SB220A 5 µg/kg	T-SU-SB220B 10 µg/kg	T-SU-SB220C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Hexachlorocyclopentadiene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4,6-Trichlorophenol	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4,5-Trichlorophenol	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
2-Chloronaphthalene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2-Nitroaniline	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
Dimethyl Phthalate	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Acenaphthylene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,6-Dinitrotoluene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
3-Nitroaniline	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
Acenaphthene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4-Dinitrophenol	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
4-Nitrophenol	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
Dibenzofuran	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
2,4-Dinitrotoluene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Diethylphthalate	430 U	350 U	370 U	410 U	390 U	5 J	400 U	380 U	380 U	400 U
4-Chlorophenyl-phenyl ether	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Fluorene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
4-Nitroaniline	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
4,6-Dinitro-2-methylphenol	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
N-nitrosodiphenylamine	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
4-Bromophenyl-phenylether	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Hexachlorobenzene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Pentachlorophenol	2,100 U	1,700 U	1,800 U	2,000 U	1,900 U	1,800 U	2,000 U	1,800 U	1,900 U	2,000 U
Phenanthrene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U

Data Qualifier Legend

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TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE EIGHTEEN

Sample Number Depth (ft) Units	TU-SU-SB216C 20 µg/kg	T-SU-SB217A 5 µg/kg	T-SU-SB217B 10 µg/kg	T-SU-SB217C 20 µg/kg	T-SU-SB218A 5 µg/kg	T-SU-SB218B 20 µg/kg	T-SU-SB218X 20 µg/kg	T-SU-SB220A 5 µg/kg	T-SU-SB220B 10 µg/kg	T-SU-SB220C 20 µg/kg
Semi-Volatile Organic Compounds[a]										
Anthracene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Di-n-butylphthalate	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Fluoranthene	51 J	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Pyrene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Butylbenzylphthalate	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
3,3'-Dichlorobenzidine	860 U	700 U	740 U	830 U	790 U	730 U	810 U	760 U	770 U	810 U
Benzo(a)anthracene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Chrysene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Bis(2-Ethylhexyl)phthalate	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Di-n-Octyl Phthalate	430 U	350 U	4 J	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzo(b)fluoranthene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzo(k)fluoranthene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzo(a)pyrene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Indeno(1,2,3-cd)Pyrene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Dibenz(h,h)Anthracene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U
Benzo(g,h,i)Perylene	430 U	350 U	370 U	410 U	390 U	370 U	400 U	380 U	380 U	400 U

Data Qualifier Legend

(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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TABLE B-5

SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE NINETEEN

Sample Number Depth (ft) Units	TU-SU-SB221A 5 µg/kg	T-SU-SB221B 10 µg/kg	T-SU-SB221C 20 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]				
Phenol	400 U	380 U	390 U	440 U
Bis(2-Chloroethyl)Ether	400 U	380 U	390 U	440 U
2-Chlorophenol	400 U	380 U	390 U	440 U
1,3-Dichlorobenzene	400 U	380 U	390 U	440 U
1,4-Dichlorobenzene	400 U	380 U	390 U	440 U
Benzyl Alcohol	400 U	380 U	390 U	440 U
1,2-Dichlorobenzene	400 U	380 U	390 U	440 U
2-Methylphenol	400 U	380 U	390 U	440 U
Bis(2-Chloroisopropyl)Ether	400 U	380 U	390 U	440 U
4-Methylphenol	400 U	380 U	390 U	440 U
N-Nitroso-di-n-Propylamine	400 U	380 U	390 U	440 U
Hexachloroethane	400 U	380 U	390 U	440 U
Nitrobenzene	400 U	380 U	390 U	440 U
Isophorone	400 U	380 U	390 U	440 U
2-Nitrophenol	400 U	380 U	390 U	440 U
2,4-Dimethylphenol	400 U	380 U	390 U	440 U
Benzoic Acid	2,000 U	1,800 U	1,900 U	2,100 U
Bis(2-Chloroethoxy)Methane	400 U	380 U	390 U	440 U
2,4-Dichlorophenol	400 U	380 U	390 U	440 U
1,2,4-Trichlorobenzene	400 U	380 U	390 U	440 U
Naphthalene	400 U	380 U	390 U	440 U
4-Chloroaniline	400 U	380 U	390 U	440 U
Hexachlorobutadiene	400 U	380 U	390 U	440 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	400 U	380 U	390 U	440 U

Data Qualifier Legend
(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected The associated value is an estimate and may be inaccurate.

Sample Number Legend
A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

R476911

TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWENTY

Sample Number Depth (ft) Units	TU-SU-SB221A 5 µg/kg	T-SU-SB221B 10 µg/kg	T-SU-SB221C 20 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]				
2-Methylnaphthalene	400 U	380 U	390 U	440 U
Hexachlorocyclopentadiene	400 U	380 U	390 U	440 U
2,4,6-Trichlorophenol	400 U	380 U	390 U	440 U
2,4,5-Trichlorophenol	2,000 U	1,800 U	1,900 U	2,100 U
2-Chloronaphthalene	400 U	380 U	390 U	440 U
2-Nitroaniline	2,000 U	1,800 U	1,900 U	2,100 U
Dimethyl Phthalate	400 U	380 U	390 U	440 U
Acenaphthylene	400 U	380 U	390 U	440 U
2,6-Dinitrotoluene	400 U	380 U	390 U	440 U
3-Nitroaniline	2,000 U	1,800 U	1,900 U	2,100 U
Acenaphthene	400 U	380 U	390 U	440 U
2,4-Dinitrophenol	2,000 U	1,800 U	1,900 U	2,100 U
4-Nitrophenol	2,000 U	1,800 U	1,900 U	2,100 U
Dibenzofuran	400 U	380 U	390 U	440 U
2,4-Dinitrotoluene	400 U	380 U	390 U	440 U
Diethylphthalate	400 U	380 U	390 U	440 U
4-Chlorophenyl-phenyl ether	400 U	380 U	390 U	440 U
Fluorene	400 U	380 U	390 U	440 U
4-Nitroaniline	2,000 U	1,800 U	1,900 U	2,100 U
4,6-Dinitro-2-methylphenol	2,000 U	1,800 U	1,900 U	2,100 U
N-nitrosodiphenylamine	400 U	380 U	390 U	440 U
4-Bromophenyl-phenylether	400 U	380 U	390 U	440 U
Hexachlorobenzene	400 U	380 U	390 U	440 U
Pentachlorophenol	2,000 U	1,800 U	1,900 U	2,100 U
Phenanthrene	400 U	380 U	390 U	440 U

Data Qualifier Legend
(a) Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected The associated value is an estimate and may be inaccurate.

Sample Number Legend
A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

R476911

TABLE B-5
SEMI-VOLATILE ORGANIC COMPOUNDS IN SOILS
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWENTY-ONE

Sample Number Depth (ft) Units	TU-SU-SB221A 5 µg/kg	T-SU-SB221B 10 µg/kg	T-SU-SB221C 20 µg/kg	T-SU-BB001A Surface µg/kg
Semi-Volatile Organic Compounds[a]				
Anthracene	400 U	380 U	390 U	440 U
Di-n-butylphthalate	400 U	380 U	390 U	440 U
Fluoranthene	400 U	380 U	390 U	440 U
Pyrene	400 U	380 U	390 U	440 U
Butylbenzylphthalate	400 U	380 U	390 U	440 U
3,3'-Dichlorobenzidine	810 U	760 U	790 U	880 U
Benzo(a)anthracene	400 U	380 U	390 U	440 U
Chrysene	400 U	380 U	390 U	440 U
Bis(2-Ethylhexyl)phthalate	400 U	380 U	390 U	440 U
Di-n-Octyl Phthalate	400 U	380 U	390 U	440 U
Benzo(b)fluoranthene	400 U	380 U	390 U	440 U
Benzo(k)fluoranthene	400 U	380 U	390 U	440 U
Benzo(a)pyrene	400 U	380 U	390 U	440 U
Indeno(1,2,3-cd)Pyrene	400 U	380 U	390 U	440 U
Dibenz(h,h)Anthracene	400 U	380 U	390 U	440 U
Benzo(g,h,i)Perylene	400 U	380 U	390 U	440 U

Data Qualifier Legend
[a] Samples collected March 6, 1990 to March 23, 1990.
J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantiation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend
A - Soil sample collected from 0.5 to 6.0' below the land surface (i.e., SB201A).
B - Soil sample collected from 10.0' to 16.0' below the land surface (i.e., SB201B).
C - Soil sample collected from 16.1' to 20' below the land surface (i.e., SB201C).

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119852

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299002

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119852

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299002

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201XDUP

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119853

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299003

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201XDUP

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119853

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299003

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201B13

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119854

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299004

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 15 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201B13

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119854

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299004

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 15 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/29/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201C19

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119855

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP03319005

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 12 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB201C19

ab Name: NUS HOUSTON Contract: 4M410

ab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

atrix: (soil/water) SOIL Lab Sample ID: H119855

ample wt/vol: 30.0 (g/mL) G Lab File ID: SBP03319005

evel: (low/med) LOW Date Received: 03/08/90

Moisture: not dec. 12 dec. Date Extracted: 03/15/90

xtraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

PC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119856

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 18 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119856

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 18 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119857

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299007

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 12 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119857

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF03299007

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 12 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119858

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 11 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB202C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119858

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 11 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203A5

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119859

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 6.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119859

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 6.5 Dilution Factor: 1.000

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	7	J
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119860

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299010

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 24 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119860

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299010

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 24 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	870	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119861

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299013

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 9 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	8	J
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB203C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119861

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299013

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 9 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119862

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299012

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119862

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299012

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204B10

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

: (soil/water) SOIL Lab Sample ID: H119864

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03309001

(low/med) LOW Date Received: 03/08/90

sture: not dec. 15 dec. Date Extracted: 03/15/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

eanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119864

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03309001

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 15 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204XDUP

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119863

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299014

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 10 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204XDUP

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119863

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03299014

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 10 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/30/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204C195

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119865

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF03319001

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 8 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl Alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)Ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB204C195

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119865

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP03319001

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. 8 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120284

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019001

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 21 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120284

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019001

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 21 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120287

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019004

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120287

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019004

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120288

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019005

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB205C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120288

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019005

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. 16 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120292

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019012

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120292

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019012

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 17 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120293

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019013

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 15 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120293

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019013

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 15 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206D

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120294

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019014

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 18 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB206D

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120294

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019014

Level: (low/med) LOW Date Received: 03/12/90

% Moisture: not dec. 18 dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/02/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120453

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049005

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 17 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	42	J
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120453

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049005

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 17 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	66	J
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TSUSB207B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120456

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049008

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 14 dec. Date Extracted:

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120456

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049008

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 14 dec. Date Extracted:

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	36	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120457

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049009

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 32 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl)Ether	490	U
95-57-8	2-Chlorophenol	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
100-51-6	Benzyl Alcohol	490	U
95-50-1	1,2-Dichlorobenzene	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	bis(2-Chloroisopropyl)Ether	490	U
106-44-5	4-Methylphenol	490	U
621-64-7	N-Nitroso-Di-n-Propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
65-85-0	Benzoic Acid	2400	U
111-91-1	bis(2-Chloroethoxy)Methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
120-82-1	1,2,4-Trichlorobenzene	490	U
91-20-3	Naphthalene	490	U
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
59-50-7	4-Chloro-3-Methylphenol	490	U
91-57-6	2-Methylnaphthalene	490	U
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	2400	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	2400	U
131-11-3	Dimethyl Phthalate	490	U
208-96-8	Acenaphthylene	490	U
606-20-2	2,6-Dinitrotoluene	490	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120457

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049009

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 32 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2400	U
83-32-9	Acenaphthene	490	U
51-28-5	2,4-Dinitrophenol	2400	U
100-02-7	4-Nitrophenol	2400	U
132-64-9	Dibenzofuran	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
86-73-7	Fluorene	490	U
100-01-6	4-Nitroaniline	2400	U
534-52-1	4,6-Dinitro-2-Methylphenol	2400	U
86-30-6	N-Nitrosodiphenylamine (1)	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
87-86-5	Pentachlorophenol	2400	U
85-01-8	Phenanthrene	490	U
120-12-7	Anthracene	490	U
84-74-2	Di-n-Butylphthalate	490	U
206-44-0	Fluoranthene	490	U
129-00-0	Pyrene	490	U
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	970	U
56-55-3	Benzo(a)Anthracene	490	U
218-01-9	Chrysene	490	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1100	
117-84-0	Di-n-Octyl Phthalate	490	U
205-99-2	Benzo(b)Fluoranthene	490	U
207-08-9	Benzo(k)Fluoranthene	490	U
50-32-8	Benzo(a)Pyrene	490	U
193-39-5	Indeno(1,2,3-cd)Pyrene	490	U
53-70-3	Dibenz(a,h)Anthracene	490	U
191-24-2	Benzo(g,h,i)Perylene	490	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP

TSUSB207X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120458

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 12 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB207X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120458

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 12 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	19	J
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	750	
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB208A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120459

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049011

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 11 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB208A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120459

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049011

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 11 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	32	J
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208A10

ame: NUS HOUSTON Contract: 4M410

ode: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

: (soil/water) SOIL Lab Sample ID: H120460

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049012

(low/med) LOW Date Received: 03/15/90

ture: not dec. 13 dec. Date Extracted: 03/19/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

eanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB208A10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120460

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04049012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 13 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120466

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059006

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 13 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB208C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120466

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059006

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 13 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	19	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB209A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120461

Sample wt/vol: 50.0 (g/mL) G Lab File ID: 5BP04059001

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 20 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)Ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TSUSB209A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120461

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059001

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 20 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	36	J
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	830	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120462

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059002

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 21 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120462

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059002

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 21 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	36	J
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059007

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB209C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120467

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059007

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120463

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059003

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 22 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl Alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)Ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TSUSB210A5

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120463

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059003

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 22 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2100	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	44	J
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120464

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF04059004

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 18 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210B10

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120464

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059004

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 18 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	29	J
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120465

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059005

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB210C20

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120465

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059005

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. 15 dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	UJ
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	36	J
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120841

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039018

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 10.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120841

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039018

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 10.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120843

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF04059008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 10.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120843

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 10.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120842

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039019

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 13 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120842

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039019

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 13 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/04/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120844

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059009

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 18 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB211C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120844

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04059009

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 18 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/05/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	UJ
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	48	J
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	130	J
117-84-0	Di-n-Octyl Phthalate	130	J
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120839

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039016

Level: (low/med) LOW Date Received: 03/20/90

Moisture: not dec. 11 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120839

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039016

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 11 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120847

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069003

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 7 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl Alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)Ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120847

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069003

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 7 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-Butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)Anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)Phthalate	350	U
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	350	U
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	350	U
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120840

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039017

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120840

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039017

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120840

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039017

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB212C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120840

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039017

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 15 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120845

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069001

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120845

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069001

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120845

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069001

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	26	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120845

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069001

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	26	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120846

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069002

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 10 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120846

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069002

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 10 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120846

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069002

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 10 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB213B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120846

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04069002

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. 10 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120904

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069011

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120904

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069011

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120904

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069011

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120904

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069011

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120907

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04129004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 12 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120907

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04129004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 12 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120907

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04129004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 12 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB214B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120907

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04129004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 12 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120908

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069015

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 17 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120908

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069015

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 17 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120908

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069015

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 17 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120908

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069015

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 17 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120911

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109003

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120911

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109003

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120911

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109003

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120911

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF04109003

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 16 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120912

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120912

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120912

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB215C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120912

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109004

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. 14 dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121012

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109028

Level: (low/med) LOW Date Received: 03/22/90

Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121012

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109028

Level: (low/med) LOW Date Received: 03/22/90

Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121012

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109028

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121012

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109028

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 17 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBF04109010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 17 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 17 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121013

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109010

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 17 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121015

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109026

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121015

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109026

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121015

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109026

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121015

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109026

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109025

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 23 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109025

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 23 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl Alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)Ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109025

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 23 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	51	J
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB216C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109025

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 23 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.7 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	51	J
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenz(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121016

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109029

Level: (low/med) LOW Date Received: 03/22/90

Moisture: not dec. 6 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl Alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)Ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121016

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109029

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 6 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl Alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)Ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethyl Phthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121016

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109029

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 6 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-Butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)Anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)Phthalate	350	U
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	350	U
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	350	U
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121016

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109029

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 6 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 6.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-Methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-Butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)Anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)Phthalate	350	U
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	350	U
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	350	U
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0410903C

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 11 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109030

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 11 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109030

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 11 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	4	J
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121017

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109030

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 11 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	4	J
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04109031

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 20 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)Ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109031

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 20 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl Alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)Ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109031

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 20 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	830	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB217C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109031

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. 20 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/10/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	830	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121076

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119007

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121076

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119007

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121076

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119007

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121076

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119007

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 16 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121078

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411901C

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 10 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 5.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121078

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411901C

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 10 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 5.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)Ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1500	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121078

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411901C

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 10 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 5.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	5	J
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121078

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP0411901C

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 10 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 5.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	5	J
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1C

Matrix: (soil/water) SOIL Lab Sample ID: H121077

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04119009

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB1C

Matrix: (soil/water) SOIL Lab Sample ID: H121077

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04119006

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB218X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121077

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411900[illegible]

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be seperated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSR218X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121077

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP0411900?

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be seperated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121073

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119003

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 13 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121073

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119003

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 13 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121073

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119003

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 13 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121073

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BF04119003

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 13 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121074

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119004

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 14 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121074

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119004

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 14 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121074

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119004

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 14 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121074

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119004

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 14 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB2200

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121075

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119006

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121075

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119006

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB2200

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121075

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411900E

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB220C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121075

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0411900E

Level: (low/med) LOW Date Received: 03/23/90

% Moisture: not dec. 18 dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221A

:: NUS HOUSTON Contract: 4M410

:e: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

(soil/water) SOIL Lab Sample ID: H121265

wt/vol: 30.0 (g/mL) G Lab File ID: SBP04139008

(low/med) LOW Date Received: 03/24/90

:rcent not dec. 16 dec. Date Extracted: 03/28/90

:on: (Sep/Cont/Sonc) SONC Date Analyzed: 04/13/90

:enup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSU9B221A

Lab Name: NUS HOUSTON Contract: 4M410

Case: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water) SOIL Lab Sample ID: H121265

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139008

Level (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

Concentrated Extract Volume: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl Alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)Ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121265

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SRP04139008

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 18 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121265

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5RP04139000

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 18 dec. Date Extracted: 03/29/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 9.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-Methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	400	U
117-84-0	Di-n-Octyl Phthalate	400	U
205-99-2	Benzo(b)Fluoranthene	400	U
207-08-9	Benzo(k)Fluoranthene	400	U
50-32-8	Benzo(a)Pyrene	400	U
193-39-5	Indeno(1,2,3-cd)Pyrene	400	U
53-70-3	Dibenz(a,h)Anthracene	400	U
191-24-2	Benzo(g,h,i)Perylene	400	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121266

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0413900[illegible]

Level: (low/med) LOW Date Received: 03/24/90

Moisture: not dec. 13 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121266

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139009

Level: (low/med) LOW Date Received: 03/24/90

Moisture: not dec. 13 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)Ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121266

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBF0413900[illegible]

Level: (low/med) LOW Date Received: 03/24/90

Moisture: not dec. 13 dec. Date Extracted: 03/28/90

Extraction: (SonF/Cont/Sonc) SONC Date Analyzed: 04/13/90

Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221B

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121266

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP041390C3

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 13 dec. Date Extracted: 03/28/90

Extraction: (SonF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-Methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)Anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)Phthalate	380	U
117-84-0	Di-n-Octyl Phthalate	380	U
205-99-2	Benzo(b)Fluoranthene	380	U
207-08-9	Benzo(k)Fluoranthene	380	U
50-32-8	Benzo(a)Pyrene	380	U
193-39-5	Indeno(1,2,3-cd)Pyrene	380	U
53-70-3	Dibenz(a,h)Anthracene	380	U
191-24-2	Benzo(g,h,i)Perylene	380	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121267

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139010

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 16 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB221C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121267

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0413901C

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 16 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	C
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl Alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)Ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethyl Phthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB2210

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121267

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0413901C

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 16 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUSB2210

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121267

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139010

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 16 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/l or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-Methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-Butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)Anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUBB001A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04139012

Level: (low/med) LOW Date Received: 03/24/90

Percent Moisture: not dec. 25 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl Alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	bis(2-Chloroisopropyl)Ether	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUBB001A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139012

Level: (low/med) LOW Date Received: 03/24/90

Percent Moisture: not dec. 25 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)Ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl Alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	bis(2-Chloroisopropyl)Ether	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-Di-n-Propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-Methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethyl Phthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUBB001A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139011

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 25 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-Butylphthalate	440	U
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	880	U
56-55-3	Benzo(a)Anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0	Di-n-Octyl Phthalate	440	U
205-99-2	Benzo(b)Fluoranthene	440	U
207-08-9	Benzo(k)Fluoranthene	440	U
50-32-8	Benzo(a)Pyrene	440	U
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3	Dibenz(a,h)Anthracene	440	U
191-24-2	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSUBB001A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121268

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SBP04139011

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. 25 dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-Methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-Butylphthalate	440	U
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	880	U
56-55-3	Benzo(a)Anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0	Di-n-Octyl Phthalate	440	U
205-99-2	Benzo(b)Fluoranthene	440	U
207-08-9	Benzo(k)Fluoranthene	440	U
50-32-8	Benzo(a)Pyrene	440	U
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3	Dibenz(a,h)Anthracene	440	U
191-24-2	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

APPENDIX B-6

INORGANICS IN SOIL - PLATING SHOP

APPENDIX B-6

INORGANICS IN SOIL - PLATING SHOP

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	T-SU-SB201A 5 mg/kg	T-SU-SB201X 5 mg/kg	T-SU-SB201B 14 mg/kg	T-SU-SB201C 19 mg/kg	T-SU-SB202A 5 mg/kg	T-SU-SB202B 10 mg/kg	T-SU-SB202C 20 mg/kg	T-SU-SB203A 5 mg/kg	T-SU-SB203B 10 mg/kg
Aluminum	20,900	21,100	1820	18,100	32,700	3030	10,200	24,800	3410
Antimony	1.3 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.2 UJ	1.2 UJ	1.3 UJ	1.4 UJ
Arsenic	0.93 J	1.3 J	0.33 UJ	0.63 J	1.7 J	0.32 UJ	0.96 J	1.1 J	0.42 J
Barium	29.9 J	346 J	25.7 J	619 J	155 J	43.5 J	252 J	416 J	92.8 J
Beryllium	1.8 U	1.7 U	0.36 U	1.7 U	1.8 U	0.34 U	0.77 U	1.6 U	0.40 U
Cadmium	0.70 U	0.69 U	0.69 U	0.66 U	0.71 U	0.65 U	0.64 U	0.69 U	0.77 U
Calcium	2,040 J	6,960 J	1,860 J	5,080 J	2,530 J	429 J	3,100 J	2,360 J	551 J
Chromium	63.8 J	25.1 J	6.2 J	39.1 J	33.4 J	9.1 J	28.8 J	26.8 J	9.5 J
Cobalt	7.1	12.5	1.9	8.5	11.5	3.2	6.6	38.1	1.8
Copper	10.1 U	24.7 U	2.2 U	8.4 U	19.6 U	2.9 U	12.4 U	14.0 U	3.6 U
Iron	26,100	21,000	4090	21,900	26,300	7,130	26,100	20,700	6,170
Lead	4.0 J	22.9 J	1.1 J	7.4 J	12.1 J	2.9 J	7.4 J	12.8 J	2.3 J
Magnesium	6,440	5,530	1,540	7,420	7,770	1,450	4,490	4,220	778
Manganese	170 J	948 J	99.6 J	256 J	274 J	283 J	215 J	618 J	783 J
Mercury	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.15 J
Nickel	26.0	23.7	5.2	27.3	24.3	7.9	20.7	18.7	8.4
Potassium	3,910	2,890	436	4,290	5,840	631	2,190	2,520	547
Selenium	0.48 UJ	0.48 UJ	0.47 UJ	0.45 UJ	0.49 UJ	0.45 UJ	0.45 UJ	0.48 UJ	0.53 UJ
Silver	1.8 UJ	1.8 UJ	1.7 UJ	1.7 UJ	1.8 UJ	1.7 UJ	1.6 UJ	1.8 UJ	2.0 UJ
Sodium	1,100	1,180	103 U	402	780	97.7 U	185	171	116
Thallium	0.31 U	0.31 U	0.30 U	0.29 U	0.32 U	0.29 U	0.29 U	0.31 U	0.34 U
Vanadium	40.6	20.0	6.4	63.6	30.8	15.1	31.8	30.1	12.3
Zinc	26.5	43.3	4.6 U	17.6	30.8	7.6 U	20.3	35.2	8.1 U
Cyanide	0.27 U	0.27 U	0.26 U	0.26 U	0.27 U	0.25 U	0.24 U	0.26 U	0.30 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Units	T-SU-SB201A 5 mg/kg	T-SU-SB201X 5 mg/kg	T-SU-SB201B 14 mg/kg	T-SU-SB201C 19 mg/kg	T-SU-SB202A 5 mg/kg	T-SU-SB202B 10 mg/kg	T-SU-SB202C 20 mg/kg	T-SU-SB203A 5 mg/kg	T-SU-SB203B 10 mg/kg
Aluminum	20,900	21,100	1820	18,100	32,700	3030	10,200	24,800	3410
Antimony	1.3 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.2 UJ	1.2 UJ	1.3 UJ	1.4 UJ
Arsenic	0.93 J	1.3 J	0.33 UJ	0.63 J	1.7 J	0.32 UJ	0.96 J	1.1 J	0.42 J
Barium	29.9 J	346 J	25.7 J	619 J	155 J	43.5 J	252 J	416 J	92.8 J
Beryllium	1.8 U	1.7 U	0.36 U	1.7 U	1.8 U	0.34 U	0.77 U	1.6 U	0.40 U
Cadmium	0.70 U	0.69 U	0.69 U	0.66 U	0.71 U	0.65 U	0.64 U	0.69 U	0.77 U
Calcium	2,040 J	6,960 J	1,860 J	5,080 J	2,530 J	429 J	3,100 J	2,360 J	551 J
Chromium	63.8 J	25.1 J	6.2 J	39.1 J	33.4 J	9.1 J	28.8 J	26.8 J	9.5 J
Cobalt	7.1	12.5	1.9	8.5	11.5	3.2	6.6	38.1	1.8
Copper	10.1 U	24.7 U	2.2 U	8.4 U	19.6 U	2.9 U	12.4 U	14.0 U	3.6 U
Iron	26,100	21,000	4090	21,900	26,300	7,130	26,100	20,700	6,170
Lead	4.0 J	22.9 J	1.1 J	7.4 J	12.1 J	2.9 J	7.4 J	12.8 J	2.3 J
Magnesium	6,440	5,530	1,540	7,420	7,770	1,450	4,490	4,220	778
Manganese	170 J	948 J	99.6 J	256 J	274 J	283 J	215 J	618 J	783 J
Mercury	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.06 UJ	0.15 J
Nickel	26.0	23.7	5.2	27.3	24.3	7.9	20.7	18.7	8.4
Potassium	3,910	2,890	436	4,290	5,840	631	2,190	2,520	547
Selenium	0.48 UJ	0.48 UJ	0.47 UJ	0.45 UJ	0.49 UJ	0.45 UJ	0.45 UJ	0.48 UJ	0.53 UJ
Silver	1.8 UJ	1.8 UJ	1.7 UJ	1.7 UJ	1.8 UJ	1.7 UJ	1.6 UJ	1.8 UJ	2.0 UJ
Sodium	1,100	1,180	103 U	402	780	97.7 U	185	171	116
Thallium	0.31 U	0.31 U	0.30 U	0.29 U	0.32 U	0.29 U	0.29 U	0.31 U	0.34 U
Vanadium	40.6	20.0	6.4	63.6	30.8	15.1	31.8	30.1	12.3
Zinc	26.5	43.3	4.6 U	17.6	30.8	7.6 U	20.3	35.2	8.1 U
Cyanide	0.27 U	0.27 U	0.26 U	0.26 U	0.27 U	0.25 U	0.24 U	0.26 U	0.30 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB203C 20 mg/kg	T-SU-SB204A 5 mg/kg	T-SU-SB204B 10 mg/kg	T-SU-SB204X 10 mg/kg	T-SU-SB204C 18.5 mg/kg	T-SU-SB205A 5 mg/kg	T-SU-SB205B 10 mg/kg	T-SU-SB205C 20 mg/kg	T-SU-SB206A 5 mg/kg
Aluminum	5,620	16,900	11,000	7,600	1,160	32,400	4,060	533	33,000
Antimony	1.2 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.1 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.2 UJ
Arsenic	0.46 J	3.3 J	0.72 J	0.53 J	0.30 J	1.8 U	0.52	0.53	1.2
Barium	566 J	515 J	38.2 J	40.8 J	346 J	399	10.7	17.0	402
Beryllium	0.39 U	1.5 U	0.54 U	0.40 U	0.32 U	3.3 U	1.7 U	1.1 U	2.8 U
Cadmium	0.63 U	0.70 U	0.68 U	0.69 U	0.61 U	0.73 U	0.70 U	0.68 U	0.68 U
Calcium	6,820 J	4,990 J	1,410 J	1,080 J	817 J	3,230	4,100	1,010	4,670
Chromium	15.6 J	19.3 J	30.0 J	26.3 J	5.4 J	32.8	14.6	4.0	34.8
Cobalt	4.3	3.0	5.8	5.8	1.4	16.7	5.7	1.4 U	12.0
Copper	4.2 U	8.7 U	5.6 U	5.2 U	6.7 U	38.8	4.0	1.4 U	21.0
Iron	10,900	13,000	16,800	16,900	3,670	26,000	11,900	1,730	24,500
Lead	3.5 J	21.5 J	4.9 J	3.0 J	1.7 J	11.6 J	10.7 J	1.2 J	10.6 J
Magnesium	5,870	3,130	3,170	2,530	780	10,600	4,080	847	6,460
Manganese	276 J	358 J	248 J	290 J	206 J	1,400 J	234	54.0	375
Mercury	0.05 UJ	0.06 J	0.06 UJ	0.06 UJ	0.36 J	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	12.5	13.2	20.2	18.7	4.2	45.6	11.9	2.3 U	23.3
Potassium	1,150	1,450	2,020	1,470	265	4,350	642	108	4,490
Selenium	0.44 UJ	0.48 UJ	0.47 UJ	0.48 UJ	0.43 UJ	0.50 UJ	0.47 UJ	0.46 UJ	0.47 U
Silver	1.6 UJ	1.8 UJ	1.7 UJ	1.8 UJ	1.6 UJ	1.9 U	1.8 U	1.7 U	1.7 U
Sodium	155	597	292	264	92.2 U	1,540	186 U	179 U	105 U
Thallium	0.28 U	0.31 U	0.30 U	0.31 U	0.28 U	0.33 U	0.31 U	0.30 U	0.31 U
Vanadium	17.8	28.0	17.9	19.6	4.4	29.9	25.7	4.9	41.1
Zinc	11.2 U	27.9	15.5	18.0	5.5 U	57.6	17.0	4.1 U	50.0
Cyanide	0.21 U	0.27 U	0.26 U	0.26 U	0.23 U	0.29 UJ	0.27 UJ	0.26 UJ	0.27 UJ

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Units	T-SU-SB203C 20 mg/kg	T-SU-SB204A 5 mg/kg	T-SU-SB204B 10 mg/kg	T-SU-SB204X 10 mg/kg	T-SU-SB204C 18.5 mg/kg	T-SU-SB205A 5 mg/kg	T-SU-SB205B 10 mg/kg	T-SU-SB205C 20 mg/kg	T-SU-SB206A 5 mg/kg
Aluminum	5,620	16,900	11,000	7,600	1,160	32,400	4,060	533	33,000
Antimony	1.2 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.1 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.2 UJ
Arsenic	0.46 J	3.3 J	0.72 J	0.53 J	0.30 J	1.8 U	0.52	0.53	1.2
Barium	566 J	515 J	38.2 J	40.8 J	346 J	399	10.7	17.0	402
Beryllium	0.39 U	1.5 U	0.54 U	0.40 U	0.32 U	3.3 U	1.7 U	1.1 U	2.8 U
Cadmium	0.63 U	0.70 U	0.68 U	0.69 U	0.61 U	0.73 U	0.70 U	0.68 U	0.68 U
Calcium	6,820 J	4,990 J	1,410 J	1,080 J	817 J	3,230	4,100	1,010	4,670
Chromium	15.6 J	19.3 J	30.0 J	26.3 J	5.4 J	32.8	14.6	4.0	34.8
Cobalt	4.3	3.0	5.8	5.8	1.4	16.7	5.7	1.4 U	12.0
Copper	4.2 U	8.7 U	5.6 U	5.2 U	6.7 U	38.8	4.0	1.4 U	21.0
Iron	10,900	13,000	16,800	16,900	3,670	26,000	11,900	1,730	24,500
Lead	3.5 J	21.5 J	4.9 J	3.0 J	1.7 J	11.6 J	10.7 J	1.2 J	10.6 J
Magnesium	5,870	3,130	3,170	2,530	780	10,600	4,080	847	6,460
Manganese	276 J	358 J	248 J	290 J	206 J	1,400 J	234	54.0	375
Mercury	0.05 UJ	0.06 J	0.06 UJ	0.06 UJ	0.36 J	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	12.5	13.2	20.2	18.7	4.2	45.6	11.9	2.3 U	23.3
Potassium	1,150	1,450	2,020	1,470	265	4,350	642	108	4,490
Selenium	0.44 UJ	0.48 UJ	0.47 UJ	0.48 UJ	0.43 UJ	0.50 UJ	0.47 UJ	0.46 UJ	0.47 U
Silver	1.6 UJ	1.8 UJ	1.7 UJ	1.8 UJ	1.6 UJ	1.9 U	1.8 U	1.7 U	1.7 U
Sodium	155	597	292	264	92.2 U	1,540	186 U	179 U	105 U
Thallium	0.28 U	0.31 U	0.30 U	0.31 U	0.28 U	0.33 U	0.31 U	0.30 U	0.31 U
Vanadium	17.8	28.0	17.9	19.6	4.4	29.9	25.7	4.9	41.1
Zinc	11.2 U	27.9	15.5	18.0	5.5 U	57.6	17.0	4.1 U	50.0
Cyanide	0.21 U	0.27 U	0.26 U	0.26 U	0.23 U	0.29 UJ	0.27 UJ	0.26 UJ	0.27 UJ

Data Qualifier Legend

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NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS (a)
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB206C 10 mg/kg	T-SU-SB206D 19 mg/kg	T-SU-SB207A 5 mg/kg	T-SU-SB207B 10 mg/kg	T-SU-SB207C 20 mg/kg	T-SU-SB207X 20 mg/kg	T-SU-SB208A 5 mg/kg	T-SU-SB208B 10 mg/kg	T-SU-SB208C 20 mg/kg
Aluminum	7,940	799	23,700 J	6,770 J	21,500 J	16,200 J	24,100 J	29,100 J	20,700 J
Antimony	1.2 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.6 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Arsenic	1.3	0.34 U	2.5	0.87	1.6	2.5	2.5	1.6 U	1.0
Barium	100	6.9	297 J	821 J	102 J	68.6 J	769 J	494 J	86.2 J
Beryllium	2.0 U	1.1 U	0.99	0.35 U	0.97	0.86	0.72	0.96	0.96
Cadmium	0.68 U	0.69 U	0.70 U	0.67 U	0.86 U	0.64 U	0.66 U	0.66 U	0.65 U
Calcium	4,380	1,420	2,150	580	4,880	5,710	23,000	32,500	3,190
Chromium	23.1	4.3	46.1 J	13.4 J	44.1 J	33.4 J	23.8 J	29.1 J	54.8 J
Cobalt	5.4	1.7	28.8	5.7	14.3	9.8	7.2	13.3	12.1
Copper	4.5	1.5 U	13.9 U	4.3 U	31.8	17.2 U	13.4	35.8	3.0 U
Iron	16,900	2,000	27,100	12,800	33,000	28,600	18,200	20,900	32,000
Lead	7.7 J	1.1 U	11.6 J	2.7 J	11.5 J	7.0 J	8.9 J	3.4 J	5.0 J
Magnesium	4,820	1,240	5,180	2,250	8,990	7,440	4.890	21,500	7,040
Manganese	387 J	69.7	2,360	91.0	410	356	142	944	323
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.07 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	16.2	2.3 U	32.2	13.7 U	42.7	28.4	15.2	32.7	30.7
Potassium	1,340	150	4,320	1,350	4,280	3,420	2,000	6,390	4,460
Selenium	0.47 UJ	0.48 UJ	0.48 UJ	0.46 UJ	0.59 UJ	0.45 UJ	0.45 UJ	0.46 UJ	0.46 UJ
Silver	1.7 U	1.8 U	1.8 UJ	1.7 UJ	2.2 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
Sodium	357 U	193 U	917	231 U	614 U	446 U	699	1,030	645
Thallium	0.31 U	0.31 U	0.31 U	0.30 U	0.39 U	0.29 U	0.29 U	0.30 U	0.30 U
Vanadium	29.1	5.0	36.2	20.2	46.0	39.6	29.0	17.4	54.5
Zinc	24.3	5.0 U	42.5	18.3	54.3	44.6	36.2	51.1	45.2 U
Cyanide	0.26 UJ	0.26 UJ	0.27 U	0.26 U	0.33 U	0.26 U	0.25 U	0.25 U	0.26 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Units	T-SU-SB206C 10 mg/kg	T-SU-SB206D 19 mg/kg	T-SU-SB207A 5 mg/kg	T-SU-SB207B 10 mg/kg	T-SU-SB207C 20 mg/kg	T-SU-SB207X 20 mg/kg	T-SU-SB208A 5 mg/kg	T-SU-SB208B 10 mg/kg	T-SU-SB208C 20 mg/kg
Aluminum	7,940	799	23,700 J	6,770 J	21,500 J	16,200 J	24,100 J	29,100 J	20,700 J
Antimony	1.2 UJ	1.3 UJ	1.3 UJ	1.2 UJ	1.6 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Arsenic	1.3	0.34 U	2.5	0.87	1.6	2.5	2.5	1.6 U	1.0
Barium	100	6.9	297 J	821 J	102 J	68.6 J	769 J	494 J	86.2 J
Beryllium	2.0 U	1.1 U	0.99	0.35 U	0.97	0.86	0.72	0.96	0.96
Cadmium	0.68 U	0.69 U	0.70 U	0.67 U	0.86 U	0.64 U	0.66 U	0.66 U	0.65 U
Calcium	4,380	1,420	2,150	580	4,880	5,710	23,000	32,500	3,190
Chromium	23.1	4.3	46.1 J	13.4 J	44.1 J	33.4 J	23.8 J	29.1 J	54.8 J
Cobalt	5.4	1.7	28.8	5.7	14.3	9.8	7.2	13.3	12.1
Copper	4.5	1.5 U	13.9 U	4.3 U	31.8	17.2 U	13.4	35.8	3.0 U
Iron	16,900	2,000	27,100	12,800	33,000	28,600	18,200	20,900	32,000
Lead	7.7 J	1.1 U	11.6 J	2.7 J	11.5 J	7.0 J	8.9 J	3.4 J	5.0 J
Magnesium	4,820	1,240	5,180	2,250	8,990	7,440	4.890	21,500	7,040
Manganese	387 J	69.7	2,360	91.0	410	356	142	944	323
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.07 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	16.2	2.3 U	32.2	13.7 U	42.7	28.4	15.2	32.7	30.7
Potassium	1,340	150	4,320	1,350	4,280	3,420	2,000	6,390	4,460
Selenium	0.47 UJ	0.48 UJ	0.48 UJ	0.46 UJ	0.59 UJ	0.45 UJ	0.45 UJ	0.46 UJ	0.46 UJ
Silver	1.7 U	1.8 U	1.8 UJ	1.7 UJ	2.2 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
Sodium	357 U	193 U	917	231 U	614 U	446 U	699	1,030	645
Thallium	0.31 U	0.31 U	0.31 U	0.30 U	0.39 U	0.29 U	0.29 U	0.30 U	0.30 U
Vanadium	29.1	5.0	36.2	20.2	46.0	39.6	29.0	17.4	54.5
Zinc	24.3	5.0 U	42.5	18.3	54.3	44.6	36.2	51.1	45.2 U
Cyanide	0.26 UJ	0.26 UJ	0.27 U	0.26 U	0.33 U	0.26 U	0.25 U	0.25 U	0.26 U

Data Qualifier Legend

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NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
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[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Depth (ft) Units	T-SU-SB209A 3 mg/kg	T-SU-SB209B 10 mg/kg	T-SU-SB209C 20 mg/kg	T-SU-SB210A 5 mg/kg	T-SU-SB210B 10 mg/kg	T-SU-SB210C 20 mg/kg	T-SU-SB211A 5-5.5 mg/kg	T-SU-SB211X 5-5.5 mg/kg	T-SU-SB211B 10 mg/kg
Aluminum	29,300 J	34,200 J	1,130 J	37,200 J	27,300 J	2,100 J	3,310 J	3,200 J	9,650 J
Antimony	1.3 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.3 UJ	1.2 UJ	--	1.2 UR	1.2 UR
Arsenic	3.1	2.0	0.32 U	2.8	1.9	0.47	0.47J	0.75 J	0.61 J
Barium	151 J	222 J	19.0J	1,760 J	55.8 J	8.9J	48.6J	58.8 J	59.0 J
Beryllium	0.70	0.91	0.35 U	1.2	0.90	0.35 U	0.61 U	0.65 U	0.92 U
Cadmium	0.73 U	0.73 U	0.67 U	0.74 U	0.69 U	0.67 U	0.68 U	0.67 U	0.66 U
Calcium	2,600	4,260	216 U	3,720	33,800	218 U	5,640	6,630	3,880
Chromium	27.4 J	34.1J	4.5 J	36.7J	30.5 J	7.7 J	150J	23.8 J	23.4 J
Cobalt	8.7	7.5	1.8	13.1	12.6	1.8	1.4 U	1.8	4.8
Copper	13.8 U	14.8 U	2.2 U	20.2	27.4	3.1 U	2.7	3.0	4.8
Iron	18,400	24,200	1,690	26,500	21,800	3,480	3,010J	3,020 J	11,000 J
Lead	11.9 J	12.7 J	0.78 U	13.9 J	6.4 J	1.0 U	2.2J	2.5 J	3.3 J
Magnesium	4,120	5,200	554 U	7,270	19,200	702 U	1,440	1,690	3,040
Manganese	765	291	84.6	526	922	35.1	55.3J	68.6 J	214 J
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	14.6 U	17.4	3.6 U	27.6	31.5	5.9 U	4.3 U	4.7 U	12.7 U
Potassium	2,420	2,780	261	3,910	5,300	443	660J	650	1,720 J
Selenium	0.50 UJ	0.51 UJ	0.46 UJ	0.51 UJ	0.49 UJ	0.47 UJ	0.47 UJ	0.47 UJ	0.45 UJ
Silver	1.8 UJ	1.9 UJ	1.7 UJ	1.9 UJ	1.8 UJ	1.7 UJ	1.8 UJ	1.7 UJ	1.7 UJ
Sodium	599 U	800	159 U	948	1,090	157 U	1,080J	1,520 J	323 J
Thallium	0.32 U	0.33 U	0.30 U	0.33 U	0.32	0.30 U	0.31 UJ	0.30 UJ	0.30 UJ
Vanadium	41.1	47.2	3.3	42.6	19.9	8.9	9.6	13.4	19.0
Zinc	36.0	41.9	5.0 U	47.7	47.9	8.6 U	9.3 U	9.0 U	25.2 J
Cyanide	0.29 U	0.29 U	0.27 U	0.28 U	0.28 U	0.25 U	0.26 UJ	0.25 UJ	0.26 UJ

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS (a)
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Depth (ft) Units	T-SU-SB209A 3 mg/kg	T-SU-SB209B 10 mg/kg	T-SU-SB209C 20 mg/kg	T-SU-SB210A 5 mg/kg	T-SU-SB210B 10 mg/kg	T-SU-SB210C 20 mg/kg	T-SU-SB211A 5-5.5 mg/kg	T-SU-SB211X 5-5.5 mg/kg	T-SU-SB211B 10 mg/kg
Aluminum	29,300 J	34,200 J	1,130 J	37,200 J	27,300 J	2,100 J	3,310 J	3,200 J	9,650 J
Antimony	1.3 UJ	1.3 UJ	1.2 UJ	1.3 UJ	1.3 UJ	1.2 UJ	--	1.2 UR	1.2 UR
Arsenic	3.1	2.0	0.32 U	2.8	1.9	0.47	0.47J	0.75 J	0.61 J
Barium	151 J	222 J	19.0J	1,760 J	55.8 J	8.9J	48.6J	58.8 J	59.0 J
Beryllium	0.70	0.91	0.35 U	1.2	0.90	0.35 U	0.61 U	0.65 U	0.92 U
Cadmium	0.73 U	0.73 U	0.67 U	0.74 U	0.69 U	0.67 U	0.68 U	0.67 U	0.66 U
Calcium	2,600	4,260	216 U	3,720	33,800	218 U	5,640	6,630	3,880
Chromium	27.4 J	34.1J	4.5 J	36.7J	30.5 J	7.7 J	150J	23.8 J	23.4 J
Cobalt	8.7	7.5	1.8	13.1	12.6	1.8	1.4 U	1.8	4.8
Copper	13.8 U	14.8 U	2.2 U	20.2	27.4	3.1 U	2.7	3.0	4.8
Iron	18,400	24,200	1,690	26,500	21,800	3,480	3,010J	3,020 J	11,000 J
Lead	11.9 J	12.7 J	0.78 U	13.9 J	6.4 J	1.0 U	2.2J	2.5 J	3.3 J
Magnesium	4,120	5,200	554 U	7,270	19,200	702 U	1,440	1,690	3,040
Manganese	765	291	84.6	526	922	35.1	55.3J	68.6 J	214 J
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	14.6 U	17.4	3.6 U	27.6	31.5	5.9 U	4.3 U	4.7 U	12.7 U
Potassium	2,420	2,780	261	3,910	5,300	443	660J	650	1,720 J
Selenium	0.50 UJ	0.51 UJ	0.46 UJ	0.51 UJ	0.49 UJ	0.47 UJ	0.47 UJ	0.47 UJ	0.45 UJ
Silver	1.8 UJ	1.9 UJ	1.7 UJ	1.9 UJ	1.8 UJ	1.7 UJ	1.8 UJ	1.7 UJ	1.7 UJ
Sodium	599 U	800	159 U	948	1,090	157 U	1,080J	1,520 J	323 J
Thallium	0.32 U	0.33 U	0.30 U	0.33 U	0.32	0.30 U	0.31 UJ	0.30 UJ	0.30 UJ
Vanadium	41.1	47.2	3.3	42.6	19.9	8.9	9.6	13.4	19.0
Zinc	36.0	41.9	5.0 U	47.7	47.9	8.6 U	9.3 U	9.0 U	25.2 J
Cyanide	0.29 U	0.29 U	0.27 U	0.28 U	0.28 U	0.25 U	0.26 UJ	0.25 UJ	0.26 UJ

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

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B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS (a)
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
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Sample Number Depth (ft) Units	T-SU-SB211C 20 mg/kg	T-SU-SB212A 5 mg/kg	T-SU-SB212B 10 mg/kg	T-SU-SB212C 18 mg/kg	T-SU-SB213A 5 mg/kg	T-SU-SB213B 20 mg/kg	T-SU-SB214A 5 mg/kg	T-SU-SB214B 10 mg/kg	T-SU-SB215A 5 mg/kg
Aluminum	1,360 J	3,810 J	12,900 J	709 J	12,600 J	5,330 J	25,500 J	3,230 J	32,200
Antimony	1.3 UR	1.2 UR	1.1 UR	1.2 UR	1.2 UR	1.2 UR	1.3 UR	1.2 UR	1.3 UJ
Arsenic	0.34 UJ	0.54 J	1.9 J	0.33 UJ	0.73 J	0.93 J	3.1 J	0.32 J	3.0
Barium	688 J	76.4 J	70.1 J	12.5 J	92.1 J	49.4 J	488 J	113 J	2,540 J
Beryllium	0.68 U	0.70 U	0.83 U	0.59 U	0.89 U	0.85 U	1.5 U	0.77 U	0.75
Cadmium	0.71 U	0.65 U	0.61 U	0.68 U	0.68 U	0.63 U	0.69 U	0.66 U	0.70 U
Calcium	5,100	1,140	905	92.8	1,160	11,600	2,170	1,200	8,110 J
Chromium	8.1 U	12.0 J	24.3 J	5.9 U	14.4 J	13.6 J	32.0 J	10.7 J	30.8
Cobalt	3.5	3.0	4.2	1.9	3.9	4.4	7.2	4.5	14.0
Copper	7.1	4.1	4.4	1.4 U	6.1	4.7	9.0	4.5	18.5
Iron	2,270 J	7,560 J	1,100 J	960 J.	9,680 J	6,230 J	23,900 J	4,230 J	24,000 J
Lead	2.4 J	2.7 J	4.8 J	0.50 J	5.0 J	3.4 J	12.2 J	3.3 J	11.7
Magnesium	1,310	1,250	2,840	359 U	1,910	8,070	3,200	1,280	4,380
Manganese	83.9 J	330 J	100 J	73.0 J	120 J	323 J	421 J	670 J	421 J
Mercury	0.06 U	0.06 U	0.05 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	3.8 U	9.3 U	13.8 J	3.2	9.5 U	13.5 J	17.3 J	11.8 U	23.4
Potassium	339 J	499 J	2,200 J	203 U	1,160 J	1,030	2,210 J	436 J	3,950
Selenium	0.49 UJ	0.45 UJ	0.43 UJ	0.47 UJ	0.47 UJ	0.44 UJ	0.47 UJ	0.45 UJ	0.48 UJ
Silver	1.8 UJ	1.7 UJ	1.6 UJ	1.8 UJ	1.7 UJ	1.6 UJ	1.7 UJ	1.7 UJ	1.8 UJ
Sodium	106 U	101 J	629 J	103 U	102 U	95.1 U	511 J	98.4 U	748
Thallium	0.32 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.30 UJ	0.29 UJ	0.31 UJ	0.29 UJ	0.31 UJ
Vanadium	3.5	11.3	22.9	1.7	15.5	16.2	38.9	11.8	36 8
Zinc	8.0 U	12.1 U	17.7 J	3.8 U	18.6 J	19.4 J	122 J	31.6 J	44.4
Cyanide	0.26 UJ	0.25 U	0.24 UJ	0.26 UJ	0.26 UJ	0.24 UJ	0.25 UJ	0.26 UJ	0.28 U

Data Qualifier Legend

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B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Depth (ft) Units	T-SU-SB211C 20 mg/kg	T-SU-SB212A 5 mg/kg	T-SU-SB212B 10 mg/kg	T-SU-SB212C 18 mg/kg	T-SU-SB213A 5 mg/kg	T-SU-SB213B 20 mg/kg	T-SU-SB214A 5 mg/kg	T-SU-SB214B 10 mg/kg	T-SU-SB215A 5 mg/kg
Aluminum	1,360 J	3,810 J	12,900 J	709 J	12,600 J	5,330 J	25,500 J	3,230 J	32,200
Antimony	1.3 UR	1.2 UR	1.1 UR	1.2 UR	1.2 UR	1.2 UR	1.3 UR	1.2 UR	1.3 UJ
Arsenic	0.34 UJ	0.54 J	1.9 J	0.33 UJ	0.73 J	0.93 J	3.1 J	0.32 J	3.0
Barium	688 J	76.4 J	70.1 J	12.5 J	92.1 J	49.4 J	488 J	113 J	2,540 J
Beryllium	0.68 U	0.70 U	0.83 U	0.59 U	0.89 U	0.85 U	1.5 U	0.77 U	0.75
Cadmium	0.71 U	0.65 U	0.61 U	0.68 U	0.68 U	0.63 U	0.69 U	0.66 U	0.70 U
Calcium	5,100	1,140	905	92.8	1,160	11,600	2,170	1,200	8,110 J
Chromium	8.1 U	12.0 J	24.3 J	5.9 U	14.4 J	13.6 J	32.0 J	10.7 J	30.8
Cobalt	3.5	3.0	4.2	1.9	3.9	4.4	7.2	4.5	14.0
Copper	7.1	4.1	4.4	1.4 U	6.1	4.7	9.0	4.5	18.5
Iron	2,270 J	7,560 J	1,100 J	960 J	9,680 J	6,230 J	23,900 J	4,230 J	24,000 J
Lead	2.4 J	2.7 J	4.8 J	0.50 J	5.0 J	3.4 J	12.2 J	3.3 J	11.7
Magnesium	1,310	1,250	2,840	359 U	1,910	8,070	3,200	1,280	4,380
Manganese	83.9 J	330 J	100 J	73.0 J	120 J	323 J	421 J	670 J	421 J
Mercury	0.06 U	0.06 U	0.05 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nickel	3.8 U	9.3 U	13.8 J	3.2	9.5 U	13.5 J	17.3 J	11.8 U	23.4
Potassium	339 J	499 J	2,200 J	203 U	1,160 J	1,030	2,210 J	436 J	3,950
Selenium	0.49 UJ	0.45 UJ	0.43 UJ	0.47 UJ	0.47 UJ	0.44 UJ	0.47 UJ	0.45 UJ	0.48 UJ
Silver	1.8 UJ	1.7 UJ	1.6 UJ	1.8 UJ	1.7 UJ	1.6 UJ	1.7 UJ	1.7 UJ	1.8 UJ
Sodium	106 U	101 J	629 J	103 U	102 U	95.1 U	511 J	98.4 U	748
Thallium	0.32 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.30 UJ	0.29 UJ	0.31 UJ	0.29 UJ	0.31 UJ
Vanadium	3.5	11.3	22.9	1.7	15.5	16.2	38.9	11.8	36 8
Zinc	8.0 U	12.1 U	17.7 J	3.8 U	18.6 J	19.4 J	122 J	31.6 J	44.4
Cyanide	0.26 UJ	0.25 U	0.24 UJ	0.26 UJ	0.26 UJ	0.24 UJ	0.25 UJ	0.26 UJ	0.28 U

Data Qualifier Legend

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(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

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B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Depth (ft) Units	T-SU-SB215B 10 mg/kg	T-SU-SB215C 20 mg/kg	T-SU-SB216A 5 mg/kg	T-SU-SB216B 10 mg/kg	T-SU-SB216X 10 mg/kg	T-SU-SB216C 20 mg/kg	T-SU-SB217A 5 mg/kg	T-SU-SB217B 10 mg/kg	T-SU-SB217C 20 mg/kg
Aluminum	19,100J	1,320	20,300	40,000	13,600	19,400	25,400	4,470	3,890
Antimony	1.2 UR	1.2 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.4 UJ	1.1 UJ	1.2 UJ	1.3 UJ
Arsenic	1.4 J	0.32 U	4.8	1.8	1.3	3.0	1.8	1.2	0.53
Barium	195 J	5.8 J	201 J	1,160 J	360 J	1,340 J	178 J	66.3 J	78.4 J
Beryllium	1.1 U	0.35 U	0.36 U	0.72	0.36 U	0.39	0.32 U	0.34 U	0.38
Cadmium	0.68 U	0.67 U	0.69 U	0.70 U	0.69 U	0.75 U	0.62 U	0.65 U	0.73 U
Calcium	2,500	257 J	2,520 J	4,990 J	2,980 J	5,550 U	1,490 J	553 J	66,600 J
Chromium	23.5 J	3.7	19.5	45.2	18.5	25.4	22.6	8.5	8.9
Cobalt	9.6	2.8 U	9.0	12.6	9.0	10.1	8.5	3.8 U	5.1 U
Copper	18.9	1.4 U	7.3	17.1	9.6	10.9	6.6	1.8	12.1
Iron	16,400 J	3,280 J	21,200 J	29,100 J	14,800 J	19,400 J	16,600 J	5,870 J	8,470 J
Lead	8.1 J	1.1	16.8	8.6	6.5	9.0	4.1	6.8	5.2
Magnesium	6,700	1,410	2,340	3,140	3,790	3,620	1,720	4,850	1,410
Manganese	383 J	80.7 J	759 J	286 J	250 J	393 J	195 J	210 J	879 J
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.05 U	0.05 U	0.06 U
Nickel	26.4 J	4.9	13.4	30.5	19.5	18.8	13.8	9.7	12.6
Potassium	2,400 J	268 U	1,300	5,360	1,510	2,720	2,300	851	835
Selenium	0.47 UJ	0.46 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.52 UJ	0.42 UJ	0.45 UJ	0.50 UJ
Silver	1.8 UJ	1.7 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.9 UJ	1.6 UJ	1.7 UJ	1.9 UJ
Sodium	865 J	101 U	NA	NA	792	695	92.4 U	97.7 U	250 U
Thallium	0.31 UJ	0.30 UJ	0.31 UJ	0.31 UJ	0.31 UJ	0.33 UJ	0.27 UJ	0.29 UJ	0.33 UJ
Vanadium	20.5	8.8	34.9	44.1	18.6	29.4	33.6	6.1	20.5
Zinc	63.8 J	5.9	34.0	51.2	25.3	40.6	27.1	23.4	14.7
Cyanide	0.27 UJ	0.25 U	0.27 U	0.26 U	0.27 U	0.29 U	0.24 U	0.24 U	0.28 U

Data Qualifier Legend

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(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Depth (ft) Units	T-SU-SB215B 10 mg/kg	T-SU-SB215C 20 mg/kg	T-SU-SB216A 5 mg/kg	T-SU-SB216B 10 mg/kg	T-SU-SB216X 10 mg/kg	T-SU-SB216C 20 mg/kg	T-SU-SB217A 5 mg/kg	T-SU-SB217B 10 mg/kg	T-SU-SB217C 20 mg/kg
Aluminum	19,100J	1,320	20,300	40,000	13,600	19,400	25,400	4,470	3,890
Antimony	1.2 UR	1.2 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.4 UJ	1.1 UJ	1.2 UJ	1.3 UJ
Arsenic	1.4 J	0.32 U	4.8	1.8	1.3	3.0	1.8	1.2	0.53
Barium	195 J	5.8 J	201 J	1,160 J	360 J	1,340 J	178 J	66.3 J	78.4 J
Beryllium	1.1 U	0.35 U	0.36 U	0.72	0.36 U	0.39	0.32 U	0.34 U	0.38
Cadmium	0.68 U	0.67 U	0.69 U	0.70 U	0.69 U	0.75 U	0.62 U	0.65 U	0.73 U
Calcium	2,500	257 J	2,520 J	4,990 J	2,980 J	5,550 U	1,490 J	553 J	66,600 J
Chromium	23.5 J	3.7	19.5	45.2	18.5	25.4	22.6	8.5	8.9
Cobalt	9.6	2.8 U	9.0	12.6	9.0	10.1	8.5	3.8 U	5.1 U
Copper	18.9	1.4 U	7.3	17.1	9.6	10.9	6.6	1.8	12.1
Iron	16,400 J	3,280 J	21,200 J	29,100 J	14,800 J	19,400 J	16,600 J	5,870 J	8,470 J
Lead	8.1 J	1.1	16.8	8.6	6.5	9.0	4.1	6.8	5.2
Magnesium	6,700	1,410	2,340	3,140	3,790	3,620	1,720	4,850	1,410
Manganese	383 J	80.7 J	759 J	286 J	250 J	393 J	195 J	210 J	879 J
Mercury	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.05 U	0.05 U	0.06 U
Nickel	26.4 J	4.9	13.4	30.5	19.5	18.8	13.8	9.7	12.6
Potassium	2,400 J	268 U	1,300	5,360	1,510	2,720	2,300	851	835
Selenium	0.47 UJ	0.46 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.52 UJ	0.42 UJ	0.45 UJ	0.50 UJ
Silver	1.8 UJ	1.7 UJ	1.8 UJ	1.8 UJ	1.8 UJ	1.9 UJ	1.6 UJ	1.7 UJ	1.9 UJ
Sodium	865 J	101 U	NA	NA	792	695	92.4 U	97.7 U	250 U
Thallium	0.31 UJ	0.30 UJ	0.31 UJ	0.31 UJ	0.31 UJ	0.33 UJ	0.27 UJ	0.29 UJ	0.33 UJ
Vanadium	20.5	8.8	34.9	44.1	18.6	29.4	33.6	6.1	20.5
Zinc	63.8 J	5.9	34.0	51.2	25.3	40.6	27.1	23.4	14.7
Cyanide	0.27 UJ	0.25 U	0.27 U	0.26 U	0.27 U	0.29 U	0.24 U	0.24 U	0.28 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-6

INORGANICS IN SOILS (a)
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB218A 5 mg/kg	T-SU-SB218B 20 mg/kg	T-SU-SB218X 20 mg/kg	T-SU-SB220A 5 mg/kg	T-SU-SB220B 10 mg/kg	T-SU-SB220C 20 mg/kg	T-SU-SB221A 4 mg/kg	T-SU-SB221B 10 mg/kg	T-SU-SB221C 20 mg/kg	T-SU-BB001A Surface mg/kg
Aluminum	5,110	1,820 J	44,000 J	14,700	8,220	959	27,3002 J	18,700 J	11,500 J	37,400J
Antimony	1.3 UJ	1.2 U	1.3 U	1.2 UJ	1.2 UJ	1.3 UJ	1.3 U	1.2 U	1.3 U	1.4 U
Arsenic	0.62	0.57	0.51	2 3	0.81	0.34 U	1.5	1.1	1.0	1.1
Barium	123 J	2,320	255	156J	44.0 J	73.2 J	63.8	37.5	269	681
Beryllium	0.36 U	0.36	2.0	0.37	0.35 U	0.37 U	1.0	0.91	0.47	1.5
Cadmium	0.69 U	0.67 U	0.70 U	0.67 U	0.68 U	0.71 U	0.71 U	0.66 U	0.69 U	0.77 U
Calcium	24,300 J	13,500	3,240	3,960 J	1,060 J	325 J	2,940	2,280	3,480	4,600
Chromium	6.2	9.7 J	39.4 J	19.8	18.9	7.0	33.7 J	48.1 J	21.4 J	41.6 J
Cobalt	4.0 U	5.2 U	14.4	9.5	4.1 U	4.2 U	8.1 U	7.0 U	8.3 U	15.4
Copper	4.3	2.1 U	40.9	7.3	16.5	1.5 U	13.7 U	8.0 U	8.7 U	37.8
Iron	5,790 J	4,510 J	30,700 J	14,100 J	8,100 J	2,100 J	22,500 J	22,800 J	13,500 J	29,500 J
Lead	12.5	3.7	12.9	10.5	4.9	0.51	7.7	5.5	4.1	14.1
Magnesium	3,330	8,260	11,500	2,480	1,340	431	4,140	4,330	3,410	11,600
Manganese	952 J	481 J	1,280 J	75.4 J	331 J	202 J	112 J	380 J	423 J	944 J
Mercury	0.06 U	0.05 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.07 U
Nickel	6.0	9.0	42.4	12.0	9.1 J	2.5	14.3	63.2	13.4	32.8
Potassium	674	393	9,220	1,240	1,270	269 U	2,830	2,470	1,510	6,750
Selenium	0.48 UJ	0.44 U	0.49 U	1.4 J	0.91 J	0.48 UJ	0.49 U	0.44 U	0.46 U	0.53 U
Silver	1.8 UJ	1.6 U	1.8 UJ	1.7 UJ	1.7 UJ	1.8 UJ	1.8 UJ	1.6 UJ	1.7 UJ	2.0 UJ
Sodium	248 U	158 U	610 U	309 U	105 U	106 U	803	645	427 U	599 U
Thallium	0 31 UJ	0.29 U	0.32 U	0.30 U	0.30 UJ	0.31 UJ	0.32 U	0.28 U	0.30 U	0.35 U
Vanadium	9 5	15.5	35.9	36.2	12.9	3.2	39.9	31.5	20.8	36 4
Zinc	13.5	8.2 U	55.8 J	23.9	15.0	6.9	40.6 J	35.2 J	22.9 J	56.3 J
Cyanide	0.27 U	0.25 U	0.28 U	0.25 U	0.25 U	0.27 U	0.27 U	0.26 U	0.27 U	0.29 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

R476911

TABLE B-6

INORGANICS IN SOILS [a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SEVEN

Sample Number Depth (ft) Units	T-SU-SB218A 5 mg/kg	T-SU-SB218B 20 mg/kg	T-SU-SB218X 20 mg/kg	T-SU-SB220A 5 mg/kg	T-SU-SB220B 10 mg/kg	T-SU-SB220C 20 mg/kg	T-SU-SB221A 4 mg/kg	T-SU-SB221B 10 mg/kg	T-SU-SB221C 20 mg/kg	T-SU-BB001A Surface mg/kg
Aluminum	5,110	1,820 J	44,000 J	14,700	8,220	959	27,3002 J	18,700 J	11,500 J	37,400J
Antimony	1.3 UJ	1.2 U	1.3 U	1.2 UJ	1.2 UJ	1.3 UJ	1.3 U	1.2 U	1.3 U	1.4 U
Arsenic	0.62	0.57	0.51	2.3	0.81	0.34 U	1.5	1.1	1.0	1.1
Barium	123 J	2,320	255	156J	44.0 J	73.2 J	63.8	37.5	269	681
Beryllium	0.36 U	0.36	2.0	0.37	0.35 U	0.37 U	1.0	0.91	0.47	1.5
Cadmium	0.69 U	0.67 U	0.70 U	0.67 U	0.68 U	0.71 U	0.71 U	0.66 U	0.69 U	0.77 U
Calcium	24,300 J	13,500	3,240	3,960 J	1,060 J	325 J	2,940	2,280	3,480	4,600
Chromium	6.2	9.7 J	39.4 J	19.8	18.9	7.0	33.7 J	48.1 J	21.4 J	41.6 J
Cobalt	4.0 U	5.2 U	14.4	9.5	4.1 U	4.2 U	8.1 U	7.0 U	8.3 U	15.4
Copper	4.3	2.1 U	40.9	7.3	16.5	1.5 U	13.7 U	8.0 U	8.7 U	37.8
Iron	5,790 J	4,510 J	30,700 J	14,100 J	8,100 J	2,100 J	22,500 J	22,800 J	13,500 J	29,500 J
Lead	12.5	3.7	12.9	10.5	4.9	0.51	7.7	5.5	4.1	14.1
Magnesium	3,330	8,260	11,500	2,480	1,340	431	4,140	4,330	3,410	11,600
Manganese	952 J	481 J	1,280 J	75.4 J	331 J	202 J	112 J	380 J	423 J	944 J
Mercury	0.06 U	0.05 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.07 U
Nickel	6.0	9.0	42.4	12.0	9.1 J	2.5	14.3	63.2	13.4	32.8
Potassium	674	393	9,220	1,240	1,270	269 U	2,830	2,470	1,510	6,750
Selenium	0.48 UJ	0.44 U	0.49 U	1.4 J	0.91 J	0.48 UJ	0.49 U	0.44 U	0.46 U	0.53 U
Silver	1.8 UJ	1.6 U	1.8 UJ	1.7 UJ	1.7 UJ	1.8 UJ	1.8 UJ	1.6 UJ	1.7 UJ	2.0 UJ
Sodium	248 U	158 U	610 U	309 U	105 U	106 U	803	645	427 U	599 U
Thallium	0.31 UJ	0.29 U	0.32 U	0.30 U	0.30 UJ	0.31 UJ	0.32 U	0.28 U	0.30 U	0.35 U
Vanadium	9.5	15.5	35.9	36.2	12.9	3.2	39.9	31.5	20.8	36.4
Zinc	13.5	8.2 U	55.8 J	23.9	15.0	6.9	40.6 J	35.2 J	22.9 J	56.3 J
Cyanide	0.27 U	0.25 U	0.28 U	0.25 U	0.25 U	0.27 U	0.27 U	0.26 U	0.27 U	0.29 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
[a] Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - Soil sample collected from a depth of 0.5 to 5.5 feet (i.e., SB201A).
B - Soil sample collected from a depth of 6 to 10 feet (i.e., SB201B).
C - Soil sample collected from a depth of 15 to 20 feet (i.e., SB201C)
X - Duplicate sample (i.e., SB201X).

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SB - 201A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19852

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 83.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20900			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.93		J	F
7440-39-3	Barium	29.9			P
7440-41-7	Beryllium	1.8		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	2040		J	P
7440-47-3	Chromium	63.8		J	P
7440-48-4	Cobalt	7.1			P
7440-50-8	Copper	10.1		U	P
7439-89-6	Iron	26100			P
7439-92-1	Lead	4.0		J	F
7439-95-4	Magnesium	6440			A
7439-96-5	Manganese	170		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	26.0			P
7440-09-7	Potassium	3910			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1100			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	40.6			P
7440-66-6	Zinc	26.5			P
	Cyanide	0.27	U		C

J

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201A 5'

SB - 201A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19852

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 83.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20900			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.93		J	F
7440-39-3	Barium	29.9		J	P
7440-41-7	Beryllium	1.8		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	2040		J	P
7440-47-3	Chromium	63.8		J	P
7440-48-4	Cobalt	7.1			P
7440-50-8	Copper	10.1		U	P
7439-89-6	Iron	26100			P
7439-92-1	Lead	4.0		J	F
7439-95-4	Magnesium	6440			A
7439-96-5	Manganese	170		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	26.0			P
7440-09-7	Potassium	3910			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1100			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	40.6			P
7440-66-6	Zinc	26.5			P
	Cyanide	0.27	U		C

J

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201A 5'

SB-201X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19853

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 83.3

FIELD DUP TO SB-201A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21100			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.3		J	F
7440-39-3	Barium	346		J	P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	6960		J	P
7440-47-3	Chromium	25.1		J	P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	24.7		U	P
7439-89-6	Iron	21000			P
7439-92-1	Lead	22.9		J	F
7439-95-4	Magnesium	5530			A
7439-96-5	Manganese	948		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	23.7			P
7440-09-7	Potassium	2890			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1180			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	20.0			P
7440-66-6	Zinc	43.3			P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201X DUP

SB-201X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19853

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 83.3

FIELD DUP TO SB-201A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21100			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.3		J	F
7440-39-3	Barium	346		J	P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	6960		J	P
7440-47-3	Chromium	25.1		J	P
7440-48-4	Cobalt	12.5			P
7440-50-8	Copper	24.7		U	P
7439-89-6	Iron	21000			P
7439-92-1	Lead	22.9		J	F
7439-95-4	Magnesium	5530			A
7439-96-5	Manganese	948		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	23.7			P
7440-09-7	Potassium	2890			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1180			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	20.0			P
7440-66-6	Zinc	43.3			P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201X DUP

SB-201B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19854

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1820			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.33	U	UJ	F
7440-39-3	Barium	25.7		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	1860		J	P
7440-47-3	Chromium	6.2		J	P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	2.2		U	P
7439-89-6	Iron	4090			P
7439-92-1	Lead	1.1		J	F
7439-95-4	Magnesium	1540			A
7439-96-5	Manganese	99.6		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	5.2			P
7440-09-7	Potassium	436			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	103	U		A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	6.4			P
7440-66-6	Zinc	4.6		U	P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201B 13'

SB-201B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19854

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1820			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.33	U	UJ	F
7440-39-3	Barium	25.7		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	1860		J	P
7440-47-3	Chromium	6.2		J	P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	2.2		UL	P
7439-89-6	Iron	4090			P
7439-92-1	Lead	1.1		J	F
7439-95-4	Magnesium	1540			A
7439-96-5	Manganese	99.6		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	5.2			P
7440-09-7	Potassium	436			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	103	U		A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	6.4			P
7440-66-6	Zinc	4.6		U	P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201B 13'

SB-201C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19855

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.63		J	F
7440-39-3	Barium	619		J	P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	5080		J	P
7440-47-3	Chromium	39.1		J	P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	8.4		U	P
7439-89-6	Iron	21900			P
7439-92-1	Lead	7.4		J	F
7439-95-4	Magnesium	7420			A
7439-96-5	Manganese	256		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	27.3			P
7440-09-7	Potassium	4290			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	402			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	63.6			P
7440-66-6	Zinc	17.6			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201C 19'

SB-201C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19855

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18100			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.63		J	F
7440-39-3	Barium	619		J	P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	5080		J	P
7440-47-3	Chromium	39.1		J	P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	8.4		U	P
7439-89-6	Iron	21900			P
7439-92-1	Lead	7.4		J	F
7439-95-4	Magnesium	7420			A
7439-96-5	Manganese	256		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	27.3			P
7440-09-7	Potassium	4290			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	402			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	63.6			P
7440-66-6	Zinc	17.6			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB201C 19'

SB-202A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19856

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32700			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.7		J	F
7440-39-3	Barium	155		J	P
7440-41-7	Beryllium	1.8		U	P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	2530		J	P
7440-47-3	Chromium	33.4		J	P
7440-48-4	Cobalt	11.5			P
7440-50-8	Copper	19.6		U	P
7439-89-6	Iron	26300			P
7439-92-1	Lead	12.1		J	F
7439-95-4	Magnesium	7770			A
7439-96-5	Manganese	274		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	24.3			P
7440-09-7	Potassium	5840			A
7782-49-2	Selenium	0.49	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	780			A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	30.8			P
7440-66-6	Zinc	30.8			P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202A 5'

SB-202A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19856

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32700		[redacted]	P
7440-36-0	Antimony	1.3	U	[redacted] UJ	F
7440-38-2	Arsenic	1.7	[redacted]	J	F
7440-39-3	Barium	155	[redacted]	J	P
7440-41-7	Beryllium	1.8		U	P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	2530	[redacted]	J	P
7440-47-3	Chromium	33.4		J	P
7440-48-4	Cobalt	11.5	[redacted]		P
7440-50-8	Copper	19.6		U	P
7439-89-6	Iron	26300			P
7439-92-1	Lead	12.1	[redacted]	J	F
7439-95-4	Magnesium	7770			A
7439-96-5	Manganese	274	[redacted]	J	P
7439-97-6	Mercury	0.06	U	[redacted] UJ	CV
7440-02-0	Nickel	24.3			P
7440-09-7	Potassium	5840			A
7782-49-2	Selenium	0.49	U	[redacted] UJ	F
7440-22-4	Silver	1.8	U	[redacted] UJ	P
7440-23-5	Sodium	780	[redacted]		A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	30.8			P
7440-66-6	Zinc	30.8		[redacted]	P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202A 5'

SB-202B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19857

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3030			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U	UJ	F
7440-39-3	Barium	43.5		J	P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	429		J	P
7440-47-3	Chromium	9.1		J	P
7440-48-4	Cobalt	3.2			P
7440-50-8	Copper	2.9		U	P
7439-89-6	Iron	7130			P
7439-92-1	Lead	2.9		J	F
7439-95-4	Magnesium	1450			A
7439-96-5	Manganese	283		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	7.9			P
7440-09-7	Potassium	631			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	97.7	U		A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	15.1			P
7440-66-6	Zinc	7.6		U	P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202B 10'

SB-202B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19857

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3030			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U	UJ	F
7440-39-3	Barium	43.5		J	P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	429		J	P
7440-47-3	Chromium	9.1		J	P
7440-48-4	Cobalt	3.2			P
7440-50-8	Copper	2.9		U	P
7439-89-6	Iron	7130			P
7439-92-1	Lead	2.9		J	F
7439-95-4	Magnesium	1450			A
7439-96-5	Manganese	283		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	7.9			P
7440-09-7	Potassium	631			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	97.7	U		A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	15.1			P
7440-66-6	Zinc	7.6		U	P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202B 10'

SB-202C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19858

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.96		J	F
7440-39-3	Barium	252		J	P
7440-41-7	Beryllium	0.77		U	P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	3100		J	P
7440-47-3	Chromium	28.8		J	P
7440-48-4	Cobalt	6.6			P
7440-50-8	Copper	12.4		U	P
7439-89-6	Iron	26100			P
7439-92-1	Lead	7.4		J	F
7439-95-4	Magnesium	4490			A
7439-96-5	Manganese	215		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	20.7			P
7440-09-7	Potassium	2190			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	185			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	31.8			P
7440-66-6	Zinc	20.3			P
	Cyanide	0.24	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202C 20'

SB-202C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19858

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.96		J	F
7440-39-3	Barium	252		J	P
7440-41-7	Beryllium	0.77		U	P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	3100		J	P
7440-47-3	Chromium	28.8		J	P
7440-48-4	Cobalt	6.6			P
7440-50-8	Copper	12.4		U	P
7439-89-6	Iron	26100			P
7439-92-1	Lead	7.4		J	F
7439-95-4	Magnesium	4490			A
7439-96-5	Manganese	215		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	20.7			P
7440-09-7	Potassium	2190			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	185			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	31.8			P
7440-66-6	Zinc	20.3			P
	Cyanide	0.24	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB202C 20'

SB-203A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19859

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24800			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.1		J	F
7440-39-3	Barium	416		J	P
7440-41-7	Beryllium	1.6		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2360		J	P
7440-47-3	Chromium	26.8		J	P
7440-48-4	Cobalt	38.1			P
7440-50-8	Copper	14.0		U	P
7439-89-6	Iron	20700			P
7439-92-1	Lead	12.8		J	F
7439-95-4	Magnesium	4220			A
7439-96-5	Manganese	618		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	2520			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	171			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	30.1			P
7440-66-6	Zinc	35.2			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203A 5'

SB-203A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19859

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24800			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.1		J	F
7440-39-3	Barium	416		J	P
7440-41-7	Beryllium	1.6		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2360		J	P
7440-47-3	Chromium	26.8		J	P
7440-48-4	Cobalt	38.1			P
7440-50-8	Copper	14.0		U	P
7439-89-6	Iron	20700			P
7439-92-1	Lead	12.8		J	F
7439-95-4	Magnesium	4220			A
7439-96-5	Manganese	618		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	2520			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	171			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	30.1			P
7440-66-6	Zinc	35.2			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203A 5'

SB-203B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19860

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 75.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3410			P
7440-36-0	Antimony	1.4		UJ	F
7440-38-2	Arsenic	0.42		J	F
7440-39-3	Barium	92.8		J	P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.77	U		P
7440-70-2	Calcium	551		J	P
7440-47-3	Chromium	9.5		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.6		U	P
7439-89-6	Iron	6170			P
7439-92-1	Lead	2.3		J	F
7439-95-4	Magnesium	778			A
7439-96-5	Manganese	783		J	P
7439-97-6	Mercury	0.15		J	CV
7440-02-0	Nickel	8.4			P
7440-09-7	Potassium	547			A
7782-49-2	Selenium	0.53	U	UJ	F
7440-22-4	Silver	2.0	U	UJ	P
7440-23-5	Sodium	116	U		A
7440-28-0	Thallium	0.34	U		F
7440-62-2	Vanadium	12.3			P
7440-66-6	Zinc	8.1		U	P
	Cyanide	0.30	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203B 10'

SB-203B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19860

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 75.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3410			P
7440-36-0	Antimony	1.4	U	UJ	F
7440-38-2	Arsenic	0.42		J	F
7440-39-3	Barium	92.8		J	P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.77	U		P
7440-70-2	Calcium	551		J	P
7440-47-3	Chromium	9.5		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.6		U	P
7439-89-6	Iron	6170			P
7439-92-1	Lead	2.3		J	F
7439-95-4	Magnesium	778			A
7439-96-5	Manganese	783		J	P
7439-97-6	Mercury	0.15		J	CV
7440-02-0	Nickel	8.4			P
7440-09-7	Potassium	547			A
7782-49-2	Selenium	0.53	U	UJ	F
7440-22-4	Silver	2.0	U	UJ	P
7440-23-5	Sodium	116	U		A
7440-28-0	Thallium	0.34	U		F
7440-62-2	Vanadium	12.3			P
7440-66-6	Zinc	8.1		U	P
	Cyanide	0.30	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203B 10'

SB-203C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19861

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 90.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5620			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.46		J	F
7440-39-3	Barium	566		J	P
7440-41-7	Beryllium	0.39		U	P
7440-43-9	Cadmium	0.63	U		P
7440-70-2	Calcium	6820		J	P
7440-47-3	Chromium	15.6		J	P
7440-48-4	Cobalt	4.3			P
7440-50-8	Copper	4.2		U	P
7439-89-6	Iron	10900			P
7439-92-1	Lead	3.5		J	F
7439-95-4	Magnesium	5870			A
7439-96-5	Manganese	276		J	P
7439-97-6	Mercury	0.05	U	UJ	CV
7440-02-0	Nickel	12.5			P
7440-09-7	Potassium	1150			A
7782-49-2	Selenium	0.44	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	155			A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	17.8			P
7440-66-6	Zinc	11.2		U	P
	Cyanide	0.21	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203C 20'

SB-203C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19861

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 90.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5620			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.46		J	F
7440-39-3	Barium	566		J	P
7440-41-7	Beryllium	0.39		U	P
7440-43-9	Cadmium	0.63	U		P
7440-70-2	Calcium	6820		J	P
7440-47-3	Chromium	15.6		J	P
7440-48-4	Cobalt	4.3			P
7440-50-8	Copper	4.2		U	P
7439-89-6	Iron	10900			P
7439-92-1	Lead	3.5		J	F
7439-95-4	Magnesium	5870			A
7439-96-5	Manganese	276		J	P
7439-97-6	Mercury	0.05	U	UJ	CV
7440-02-0	Nickel	12.5			P
7440-09-7	Potassium	1150			A
7782-49-2	Selenium	0.44	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	155			A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	17.8			P
7440-66-6	Zinc	11.2		U	P
	Cyanide	0.21	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB203C 20'

SB-204A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19862

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16900			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	3.3		J	F
7440-39-3	Barium	515		J	P
7440-41-7	Beryllium	1.5		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4990		J	P
7440-47-3	Chromium	19.3		J	P
7440-48-4	Cobalt	3.0			P
7440-50-8	Copper	8.7		U	P
7439-89-6	Iron	13000			P
7439-92-1	Lead	21.5		J	F
7439-95-4	Magnesium	3130			A
7439-96-5	Manganese	358		J	P
7439-97-6	Mercury	0.06		J	CV
7440-02-0	Nickel	13.2			P
7440-09-7	Potassium	1450			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	597			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	28.0			P
7440-66-6	Zinc	27.9			P
	Cyanide	0.27	U		C

Color Before: GREY Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204A 5'

SB-204A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19862

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16900			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	3.3		J	F
7440-39-3	Barium	515		J	P
7440-41-7	Beryllium	1.5		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4990		J	P
7440-47-3	Chromium	19.3		J	P
7440-48-4	Cobalt	3.0			P
7440-50-8	Copper	8.7		U	P
7439-89-6	Iron	13000			P
7439-92-1	Lead	21.5		J	F
7439-95-4	Magnesium	3130			A
7439-96-5	Manganese	358		J	P
7439-97-6	Mercury	0.06		J	CV
7440-02-0	Nickel	13.2			P
7440-09-7	Potassium	1450			A
7782-49-2	Selenium	0.48		UJ	F
7440-22-4	Silver	1.8		UJ	P
7440-23-5	Sodium	597			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	28.0			P
7440-66-6	Zinc	27.9			P
	Cyanide	0.27	U		C

Color Before: GREY Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204A 5'

U.S. EPA - CLP

SB-204B

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19864

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11000			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.72		J	F
7440-39-3	Barium	38.2		J	P
7440-41-7	Beryllium	0.54		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1410		J	P
7440-47-3	Chromium	30.0		J	P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	5.6		U	P
7439-89-6	Iron	16800			P
7439-92-1	Lead	4.9		J	F
7439-95-4	Magnesium	3170			A
7439-96-5	Manganese	248		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	20.2			P
7440-09-7	Potassium	2020			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	292			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	17.9			P
7440-66-6	Zinc	15.5			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204B 10'

U.S. EPA - CLP

SB-204B

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19864

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11000			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.72		J	F
7440-39-3	Barium	38.2		J	P
7440-41-7	Beryllium	0.54		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1410		J	P
7440-47-3	Chromium	30.0		J	P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	5.6		U	P
7439-89-6	Iron	16800			P
7439-92-1	Lead	4.9		J	F
7439-95-4	Magnesium	3170			A
7439-96-5	Manganese	248		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	20.2			P
7440-09-7	Potassium	2020			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	292			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	17.9			P
7440-66-6	Zinc	15.5			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204B 10'

SB 204X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19863

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.3

FIELD DUP TO SB 204A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7600			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.53		J	F
7440-39-3	Barium	40.8		J	P
7440-41-7	Beryllium	0.40		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	1080		J	P
7440-47-3	Chromium	26.3		J	P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	5.2		U	P
7439-89-6	Iron	16900			P
7439-92-1	Lead	3.0		J	F
7439-95-4	Magnesium	2530			A
7439-96-5	Manganese	290		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	1470			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	264			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	19.6			P
7440-66-6	Zinc	18.0			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204X DUP

SB 204X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19863

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 82.3

FIELD DUP TO SB 204A

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7600			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.53		J	F
7440-39-3	Barium	40.8		J	P
7440-41-7	Beryllium	0.40		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	1080		J	P
7440-47-3	Chromium	26.3		J	P
7440-48-4	Cobalt	5.8			P
7440-50-8	Copper	5.2		U	P
7439-89-6	Iron	16900			P
7439-92-1	Lead	3.0		J	F
7439-95-4	Magnesium	2530			A
7439-96-5	Manganese	290		J	P
7439-97-6	Mercury	0.06	U	UJ	CV
7440-02-0	Nickel	18.7			P
7440-09-7	Potassium	1470			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	264			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	19.6			P
7440-66-6	Zinc	18.0			P
	Cyanide	0.26	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204X DUP

SB-204C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19865

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 91.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1160			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.30		J	F
7440-39-3	Barium	346		J	P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.61	U		P
7440-70-2	Calcium	817		J	P
7440-47-3	Chromium	5.4		J	P
7440-48-4	Cobalt	1.4			P
7440-50-8	Copper	6.7		U	P
7439-89-6	Iron	3670			P
7439-92-1	Lead	1.7		J	F
7439-95-4	Magnesium	780			A
7439-96-5	Manganese	206		J	P
7439-97-6	Mercury	0.36		J	CV
7440-02-0	Nickel	4.2			P
7440-09-7	Potassium	265			A
7782-49-2	Selenium	0.43	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	92.2	U		A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	4.4			P
7440-66-6	Zinc	5.5		U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204C 18.5'

SB-204C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H19865

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 91.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1160			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.30		J	F
7440-39-3	Barium	346		J	P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.61	U		P
7440-70-2	Calcium	817		J	P
7440-47-3	Chromium	5.4		J	P
7440-48-4	Cobalt	1.4			P
7440-50-8	Copper	6.7		U	P
7439-89-6	Iron	3670			P
7439-92-1	Lead	1.7		J	F
7439-95-4	Magnesium	780			A
7439-96-5	Manganese	206		J	P
7439-97-6	Mercury	0.36		J	CV
7440-02-0	Nickel	4.2			P
7440-09-7	Potassium	265			A
7782-49-2	Selenium	0.43	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	92.2	U		A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	4.4			P
7440-66-6	Zinc	5.5		U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB204C 18.5'

TU-SB205A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20284

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32400			P
7440-36-0	Antimony	1.3	[redacted]	UJ	F
7440-38-2	Arsenic	1.8	U	[redacted]	F
7440-39-3	Barium	399			P
7440-41-7	Beryllium	3.3		U	P
7440-43-9	Cadmium	0.73	U	[redacted]	P
7440-70-2	Calcium	3230			P
7440-47-3	Chromium	32.8			P
7440-48-4	Cobalt	16.7			P
7440-50-8	Copper	38.8			P
7439-89-6	Iron	26000			P
7439-92-1	Lead	11.6	[redacted]	J	F
7439-95-4	Magnesium	10600			A
7439-96-5	Manganese	1400		[redacted]	P
7439-97-6	Mercury	0.06	[redacted]	U	CV
7440-02-0	Nickel	45.6			P
7440-09-7	Potassium	4350			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.9	U	[redacted]	P
7440-23-5	Sodium	1540			A
7440-28-0	Thallium	0.33	U	--	F
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	57.6			P
	Cyanide	0.29	U	UJ	C

Color Before: RED-BROWN Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205A 5'

TU-SB205A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20284

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32400			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	1.8	U		F
7440-39-3	Barium	399			P
7440-41-7	Beryllium	3.3		U	P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	3230			P
7440-47-3	Chromium	32.8			P
7440-48-4	Cobalt	16.7			P
7440-50-8	Copper	38.8			P
7439-89-6	Iron	26000			P
7439-92-1	Lead	11.6		J	F
7439-95-4	Magnesium	10600			A
7439-96-5	Manganese	1400			P
7439-97-6	Mercury	0.06		U	CV
7440-02-0	Nickel	45.6			P
7440-09-7	Potassium	4350			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.9	U		P
7440-23-5	Sodium	1540			A
7440-28-0	Thallium	0.33	U	--	F
7440-62-2	Vanadium	29.9			P
7440-66-6	Zinc	57.6			P
	Cyanide	0.29	U	UJ	C

Color Before: RED-BROWN Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205A 5'

TU-SB205B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20287

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4060			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.52			F
7440-39-3	Barium	10.7			P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4100			P
7440-47-3	Chromium	14.6			P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	4.0			P
7439-89-6	Iron	11900			P
7439-92-1	Lead	10.7		J	F
7439-95-4	Magnesium	4080			A
7439-96-5	Manganese	234			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	11.9			P
7440-09-7	Potassium	642			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	186		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	25.7			P
7440-66-6	Zinc	17.0			P
	Cyanide	0.27		UJ	C

Color Before: RED-BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205B 10'

TU-SB205B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20287

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4060			P
7440-36-0	Antimony	1.3		UJ	F
7440-38-2	Arsenic	0.52			F
7440-39-3	Barium	10.7			P
7440-41-7	Beryllium	1.7		U	P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4100			P
7440-47-3	Chromium	14.6			P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	4.0			P
7439-89-6	Iron	11900			P
7439-92-1	Lead	10.7		J	F
7439-95-4	Magnesium	4080			A
7439-96-5	Manganese	234			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	11.9			P
7440-09-7	Potassium	642			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.8	U		P
7440-23-5	Sodium	186		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	25.7			P
7440-66-6	Zinc	17.0			P
	Cyanide	0.27		UJ	C

Color Before: RED-BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205B 10'

TU-SB205C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20288

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	533			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	17.0			P
7440-41-7	Beryllium	1.1		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1010			P
7440-47-3	Chromium	4.0			P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	1730			P
7439-92-1	Lead	1.2		J	F
7439-95-4	Magnesium	847			A
7439-96-5	Manganese	54.0			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	2.3	U		P
7440-09-7	Potassium	108			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	179			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	4.9			P
7440-66-6	Zinc	4.1		U	P
	Cyanide	0.26	U	UJ	C

Color Before: RED-BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205C 20'

Tu-SB205C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20288

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	533			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	17.0			P
7440-41-7	Beryllium	1.1		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1010			P
7440-47-3	Chromium	4.0			P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	1730			P
7439-92-1	Lead	1.2		J	F
7439-95-4	Magnesium	847			A
7439-96-5	Manganese	54.0			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	2.3	U		P
7440-09-7	Potassium	108			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	179		W	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	4.9			P
7440-66-6	Zinc	4.1		U	P
	Cyanide	0.26	U	UJ	C

Color Before: RED-BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB205C 20'

SB-206A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20292

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	33000			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	402			P
7440-41-7	Beryllium	2.8		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	4670			P
7440-47-3	Chromium	34.8			P
7440-48-4	Cobalt	12.0			P
7440-50-8	Copper	21.0			P
7439-89-6	Iron	24500			P
7439-92-1	Lead	10.6		J	F
7439-95-4	Magnesium	6460			A
7439-96-5	Manganese	375			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	23.3			P
7440-09-7	Potassium	4490			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	105		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	41.1			P
7440-66-6	Zinc	50.0			P
	Cyanide	0.27		UJ	C

Color Before: RED-BROWN Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206A 5'

SB - 206A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20292

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	33000			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	402			P
7440-41-7	Beryllium	2.8		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	4670			P
7440-47-3	Chromium	34.8			P
7440-48-4	Cobalt	12.0			P
7440-50-8	Copper	21.0			P
7439-89-6	Iron	24500			P
7439-92-1	Lead	10.6		J	F
7439-95-4	Magnesium	6460			A
7439-96-5	Manganese	375			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	23.3			P
7440-09-7	Potassium	4490			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	105		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	41.1			P
7440-66-6	Zinc	50.0			P
	Cyanide	0.27	U	UJ	C

Color Before: RED-BROWN Clarity Before: Texture: CLAY

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206A 5'

SB-206 a

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20293

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 84.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7940			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	1.3			F
7440-39-3	Barium	100			P
7440-41-7	Beryllium	2.0		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	4380			P
7440-47-3	Chromium	23.1			P
7440-48-4	Cobalt	5.4			P
7440-50-8	Copper	4.5			P
7439-89-6	Iron	16900			P
7439-92-1	Lead	7.7		J	F
7439-95-4	Magnesium	4820			A
7439-96-5	Manganese	387			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	16.2			P
7440-09-7	Potassium	1340			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	357		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	29.1			P
7440-66-6	Zinc	24.3			P
	Cyanide	0.26		UJ	C

Color Before: RED-BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206C 10'

SB-206 C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20293

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 84.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7940			P
7440-36-0	Antimony	1.2		UJ	F
7440-38-2	Arsenic	1.3			F
7440-39-3	Barium	100			P
7440-41-7	Beryllium	2.0		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	4380			P
7440-47-3	Chromium	23.1			P
7440-48-4	Cobalt	5.4			P
7440-50-8	Copper	4.5			P
7439-89-6	Iron	16900			P
7439-92-1	Lead	7.7		J	F
7439-95-4	Magnesium	4820			A
7439-96-5	Manganese	387			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	16.2			P
7440-09-7	Potassium	1340			A
7782-49-2	Selenium	0.47		UJ	F
7440-22-4	Silver	1.7	U		P
7440-23-5	Sodium	357		U	A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	29.1			P
7440-66-6	Zinc	24.3			P
	Cyanide	0.26		UJ	C

Color Before: RED-BROWN Clarity Before: Texture: DIRT

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206C 10'

SB-206D

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20294

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	799			P	
7440-36-0	Antimony	1.3		UJ	F	
7440-38-2	Arsenic	0.34	U		F	
7440-39-3	Barium	6.9			P	
7440-41-7	Beryllium	1.1		U	P	
7440-43-9	Cadmium	0.69	U		P	
7440-70-2	Calcium	1420			P	
7440-47-3	Chromium	4.3			P	
7440-48-4	Cobalt	1.7			P	
7440-50-8	Copper	1.5	U		P	
7439-89-6	Iron	2000			P	
7439-92-1	Lead	1.1			F	U
7439-95-4	Magnesium	1240			A	
7439-96-5	Manganese	69.7			P	
7439-97-6	Mercury	0.06	U		CV	
7440-02-0	Nickel	2.3	U		P	
7440-09-7	Potassium	150			A	
7782-49-2	Selenium	0.48	U	UJ	F	
7440-22-4	Silver	1.8	U		P	
7440-23-5	Sodium	193		U	A	
7440-28-0	Thallium	0.31	U		F	
7440-62-2	Vanadium	5.0			P	
7440-66-6	Zinc	5.0		U	P	
	Cyanide	0.26	U	UJ	C	

Color Before: RED-BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206D 19'

SB-206D

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20294

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/12/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	799			P	
7440-36-0	Antimony	1.3		UJ	F	
7440-38-2	Arsenic	0.34	U		F	
7440-39-3	Barium	6.9			P	
7440-41-7	Beryllium	1.1		U	P	
7440-43-9	Cadmium	0.69	U		P	
7440-70-2	Calcium	1420			P	
7440-47-3	Chromium	4.3			P	
7440-48-4	Cobalt	1.7			P	
7440-50-8	Copper	1.5	U		P	
7439-89-6	Iron	2000			P	
7439-92-1	Lead	1.1			F	U
7439-95-4	Magnesium	1240			A	
7439-96-5	Manganese	69.7			P	
7439-97-6	Mercury	0.06	U		CV	
7440-02-0	Nickel	2.3	U		P	
7440-09-7	Potassium	150			A	
7782-49-2	Selenium	0.48	U	UJ	F	
7440-22-4	Silver	1.8	U		P	
7440-23-5	Sodium	193		U	A	
7440-28-0	Thallium	0.31	U		F	
7440-62-2	Vanadium	5.0			P	
7440-66-6	Zinc	5.0		U	P	
	Cyanide	0.26	U	UJ	C	

Color Before: RED-BROWN Clarity Before: Texture: SAND

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB206D 19'

SB-207A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20453

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23700		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	297		J	P
7440-41-7	Beryllium	0.99			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	2150			P
7440-47-3	Chromium	46.1		J	P
7440-48-4	Cobalt	28.8			P
7440-50-8	Copper	13.9		U	P
7439-89-6	Iron	27100			P
7439-92-1	Lead	11.6		J	F
7439-95-4	Magnesium	5180			A
7439-96-5	Manganese	2360			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	32.2			P
7440-09-7	Potassium	4320			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	917			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	36.2			P
7440-66-6	Zinc	42.5			P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207A 5'

SB-207A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20453

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23700		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	297		J	P
7440-41-7	Beryllium	0.99			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	2150			P
7440-47-3	Chromium	46.1		J	P
7440-48-4	Cobalt	28.8			P
7440-50-8	Copper	13.9		U	P
7439-89-6	Iron	27100			P
7439-92-1	Lead	11.6		J	F
7439-95-4	Magnesium	5180			A
7439-96-5	Manganese	2360			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	32.2			P
7440-09-7	Potassium	4320			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	917			A
7440-28-0	Thallium	0.31	U		F
7440-62-2	Vanadium	36.2			P
7440-66-6	Zinc	42.5			P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207A 5'

SB-207B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H2045C

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 85.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6770		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.87			F
7440-39-3	Barium	821		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	580			P
7440-47-3	Chromium	13.4		J	P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	4.3		U	P
7439-89-6	Iron	12800			P
7439-92-1	Lead	2.7		J	F
7439-95-4	Magnesium	2250			A
7439-96-5	Manganese	91.0			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.7		U	P
7440-09-7	Potassium	1350			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	231		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	20.2			P
7440-66-6	Zinc	18.3			P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207B 10'

SB-207B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H2045(

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 85.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6770		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.87			F
7440-39-3	Barium	821		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	580			P
7440-47-3	Chromium	13.4		J	P
7440-48-4	Cobalt	5.7			P
7440-50-8	Copper	4.3		U	P
7439-89-6	Iron	12800			P
7439-92-1	Lead	2.7		J	F
7439-95-4	Magnesium	2250			A
7439-96-5	Manganese	91.0			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.7		U	P
7440-09-7	Potassium	1350			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	231		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	20.2			P
7440-66-6	Zinc	18.3			P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207B 10'

SB-207C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20457

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 67.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21500		J	P
7440-36-0	Antimony	1.6	U	UJ	F
7440-38-2	Arsenic	1.6			F
7440-39-3	Barium	102		J	P
7440-41-7	Beryllium	0.97			P
7440-43-9	Cadmium	0.86	U		P
7440-70-2	Calcium	4880			P
7440-47-3	Chromium	44.1		J	P
7440-48-4	Cobalt	14.3			P
7440-50-8	Copper	31.8			P
7439-89-6	Iron	33000			P
7439-92-1	Lead	11.5		J	F
7439-95-4	Magnesium	8990			A
7439-96-5	Manganese	410			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	42.7			P
7440-09-7	Potassium	4280			A
7782-49-2	Selenium	0.59	U	UJ	F
7440-22-4	Silver	2.2	U	UJ	P
7440-23-5	Sodium	614		U	A
7440-28-0	Thallium	0.39	U		F
7440-62-2	Vanadium	46.0			P
7440-66-6	Zinc	54.3			P
	Cyanide	0.33	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207C 20'

SB-207C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20457

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 67.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21500		J	P
7440-36-0	Antimony	1.6	U	UJ	F
7440-38-2	Arsenic	1.6			F
7440-39-3	Barium	102		J	P
7440-41-7	Beryllium	0.97			P
7440-43-9	Cadmium	0.86	U		P
7440-70-2	Calcium	4880			P
7440-47-3	Chromium	44.1		J	P
7440-48-4	Cobalt	14.3			P
7440-50-8	Copper	31.8			P
7439-89-6	Iron	33000			P
7439-92-1	Lead	11.5		J	F
7439-95-4	Magnesium	8990			A
7439-96-5	Manganese	410			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	42.7			P
7440-09-7	Potassium	4280			A
7782-49-2	Selenium	0.59	U	UJ	F
7440-22-4	Silver	2.2	U	UJ	P
7440-23-5	Sodium	614		W	A
7440-28-0	Thallium	0.39	U		F
7440-62-2	Vanadium	46.0			P
7440-66-6	Zinc	54.3			P
	Cyanide	0.33	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207C 20'

SB-207X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20458

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 87.7

FIELD DUP. 7

Concentration Units (ug/L or mg/kg dry weight): MG/KG SB-207C

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16200		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	68.6		J	P
7440-41-7	Beryllium	0.86			P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	5710			P
7440-47-3	Chromium	33.4		J	P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	17.2		U	P
7439-89-6	Iron	28600			P
7439-92-1	Lead	7.0		J	F
7439-95-4	Magnesium	7440			A
7439-96-5	Manganese	356			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	28.4			P
7440-09-7	Potassium	3420			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	446		U	A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	39.6			P
7440-66-6	Zinc	44.6			P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB207X - FIELD DUP

SB-207X

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20458

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 87.7

FIELD DUP. 7

Concentration Units (ug/L or mg/kg dry weight): MG/KG SB-207C

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	16200		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	68.6		J	P
7440-41-7	Beryllium	0.86			P
7440-43-9	Cadmium	0.64	U		P
7440-70-2	Calcium	5710			P
7440-47-3	Chromium	33.4		J	P
7440-48-4	Cobalt	9.8			P
7440-50-8	Copper	17.2		U	P
7439-89-6	Iron	28600			P
7439-92-1	Lead	7.0		J	F
7439-95-4	Magnesium	7440			A
7439-96-5	Manganese	356			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	28.4			P
7440-09-7	Potassium	3420			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	446		U	A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	39.6			P
7440-66-6	Zinc	44.6			P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

CLIENT ID: T-SU-SB207X - FIELD DUP

SB-208A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20459

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 88.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	769		J	P
7440-41-7	Beryllium	0.72			P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	23000			P
7440-47-3	Chromium	23.8		J	P
7440-48-4	Cobalt	7.2			P
7440-50-8	Copper	13.4		U	P
7439-89-6	Iron	18200			P
7439-92-1	Lead	8.9		J	F
7439-95-4	Magnesium	4850			A
7439-96-5	Manganese	142			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	15.2			P
7440-09-7	Potassium	2000			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	699			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	29.0			P
7440-66-6	Zinc	36.2			P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208A 5'

SB-208A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20459

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 88.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	769		J	P
7440-41-7	Beryllium	0.72			P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	23000			P
7440-47-3	Chromium	23.8		J	P
7440-48-4	Cobalt	7.2			P
7440-50-8	Copper	13.4		U	P
7439-89-6	Iron	18200			P
7439-92-1	Lead	8.9		J	F
7439-95-4	Magnesium	4890			A
7439-96-5	Manganese	142			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	15.2			P
7440-09-7	Potassium	2000			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	699			A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	29.0			P
7440-66-6	Zinc	36.2			P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208A 5'

SB-208B (10'

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20460

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 86.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	29100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.6	U		F
7440-39-3	Barium	494		J	P
7440-41-7	Beryllium	0.96			P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	32500			P
7440-47-3	Chromium	29.1		J	P
7440-48-4	Cobalt	13.3			P
7440-50-8	Copper	35.8			P
7439-89-6	Iron	20900			P
7439-92-1	Lead	3.4		J	F
7439-95-4	Magnesium	21500			A
7439-96-5	Manganese	944			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	32.7			P
7440-09-7	Potassium	6390			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	1030			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	17.4			P
7440-66-6	Zinc	51.1			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208~~A~~B 10'

SB-208B (10'

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20460

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 86.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	29100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.6	U		F
7440-39-3	Barium	494		J	P
7440-41-7	Beryllium	0.96			P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	32500			P
7440-47-3	Chromium	29.1		J	P
7440-48-4	Cobalt	13.3			P
7440-50-8	Copper	35.8			P
7439-89-6	Iron	20900			P
7439-92-1	Lead	3.4		J	F
7439-95-4	Magnesium	21500			A
7439-96-5	Manganese	944			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	32.7			P
7440-09-7	Potassium	6390			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	1030			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	17.4			P
7440-66-6	Zinc	51.1			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208~~A~~B 10'

SB-208C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20466

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20700		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.0			F
7440-39-3	Barium	86.2		J	P
7440-41-7	Beryllium	0.96			P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	3190			P
7440-47-3	Chromium	54.8		J	P
7440-48-4	Cobalt	12.1			P
7440-50-8	Copper	3.0		U	P
7439-89-6	Iron	32000			P
7439-92-1	Lead	5.0		J	F
7439-95-4	Magnesium	7040			A
7439-96-5	Manganese	323			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	30.7			P
7440-09-7	Potassium	4460			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	645			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	54.5			P
7440-66-6	Zinc	45.2		U	P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208C 20'

SB-208C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20466

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20700		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.0			F
7440-39-3	Barium	86.2		J	P
7440-41-7	Beryllium	0.96			P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	3190			P
7440-47-3	Chromium	54.8		J	P
7440-48-4	Cobalt	12.1			P
7440-50-8	Copper	3.0		UL	P
7439-89-6	Iron	32000			P
7439-92-1	Lead	5.0		J	F
7439-95-4	Magnesium	7040			A
7439-96-5	Manganese	323			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	30.7			P
7440-09-7	Potassium	4460			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	645			A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	54.5			P
7440-66-6	Zinc	45.2		UL	P
	Cyanide	0.26	U		C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB208C 20'

SB-209A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20461

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 79.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	29300		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	3.1			F
7440-39-3	Barium	151		J	P
7440-41-7	Beryllium	0.70			P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	2600			P
7440-47-3	Chromium	27.4		J	P
7440-48-4	Cobalt	8.7			P
7440-50-8	Copper	13.8		U	P
7439-89-6	Iron	18400			P
7439-92-1	Lead	11.9		J	F
7439-95-4	Magnesium	4120			A
7439-96-5	Manganese	765			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	14.6		U	P
7440-09-7	Potassium	2420			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	599		U	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	41.1			P
7440-66-6	Zinc	36.0			P
	Cyanide	0.29	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209A 5'

SB-209A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20461

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 79.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	29300		J	P
7440-36-0	Antimony	1.9	U	UJ	F
7440-38-2	Arsenic	3.1			F
7440-39-3	Barium	151		J	P
7440-41-7	Beryllium	0.70			P
7440-43-9	Cadmium	0.79	U		P
7440-70-2	Calcium	2600			P
7440-47-3	Chromium	27.4		J	P
7440-48-4	Cobalt	8.7			P
7440-50-8	Copper	13.8		U	P
7439-89-6	Iron	18400			P
7439-92-1	Lead	11.9		J	F
7439-95-4	Magnesium	4120			A
7439-96-5	Manganese	765			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	14.6		U	P
7440-09-7	Potassium	2420			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	599		U	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	41.1			P
7440-66-6	Zinc	36.0			P
	Cyanide	0.29	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209A 5'

SB-209B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20462

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	34200		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.0			F
7440-39-3	Barium	222		J	P
7440-41-7	Beryllium	0.91			P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	4260			P
7440-47-3	Chromium	34.1		J	P
7440-48-4	Cobalt	7.5			P
7440-50-8	Copper	14.8		UL	P
7439-89-6	Iron	24200			P
7439-92-1	Lead	12.7		J	F
7439-95-4	Magnesium	5200			A
7439-96-5	Manganese	291			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium	2780			A
7782-49-2	Selenium	0.51	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	800			A
7440-28-0	Thallium	0.33	U		F
7440-62-2	Vanadium	47.2			P
7440-66-6	Zinc	41.9			P
	Cyanide	0.29	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209B 10'

SB-209B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20462

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	34200		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.0			F
7440-39-3	Barium	222		J	P
7440-41-7	Beryllium	0.91			P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	4260			P
7440-47-3	Chromium	34.1		J	P
7440-48-4	Cobalt	7.5			P
7440-50-8	Copper	14.8		W	P
7439-89-6	Iron	24200			P
7439-92-1	Lead	12.7		J	F
7439-95-4	Magnesium	5200			A
7439-96-5	Manganese	291			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium	2780			A
7782-49-2	Selenium	0.51	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	800			A
7440-28-0	Thallium	0.33	U		F
7440-62-2	Vanadium	47.2			P
7440-66-6	Zinc	41.9			P
	Cyanide	0.29	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209B 10'

SB-209C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20467

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 84.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U		F
7440-39-3	Barium	19.0		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	216		U	P
7440-47-3	Chromium	4.5		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	2.2		U	P
7439-89-6	Iron	1690			P
7439-92-1	Lead	0.78		U	F
7439-95-4	Magnesium	554		U	A
7439-96-5	Manganese	84.6			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.6		U	P
7440-09-7	Potassium	261			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	159		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	3.3			P
7440-66-6	Zinc	5.0		U	P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209C 20'

SB-209C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20467

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 84.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1130		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U		F
7440-39-3	Barium	19.0		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	216		U	P
7440-47-3	Chromium	4.5		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	2.2		U	P
7439-89-6	Iron	1690			P
7439-92-1	Lead	0.78		U	F
7439-95-4	Magnesium	554		U	A
7439-96-5	Manganese	84.6			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.6		U	P
7440-09-7	Potassium	261			A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	159		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	3.3			P
7440-66-6	Zinc	5.0		U	P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB209C 20'

SB-210A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20463

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37200		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.8			F
7440-39-3	Barium	1760		J	P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	0.74	U		P
7440-70-2	Calcium	3720			P
7440-47-3	Chromium	36.7		J	P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	20.2			P
7439-89-6	Iron	26500			P
7439-92-1	Lead	13.9		J	F
7439-95-4	Magnesium	7270			A
7439-96-5	Manganese	526			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	27.6			P
7440-09-7	Potassium	3910			A
7782-49-2	Selenium	0.51	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	948			A
7440-28-0	Thallium	0.33	U		F
7440-62-2	Vanadium	42.6			P
7440-66-6	Zinc	47.7			P
	Cyanide	0.28	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210A 5'

SB-210A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20463

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37200		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	2.8			F
7440-39-3	Barium	1760		J	P
7440-41-7	Beryllium	1.2			P
7440-43-9	Cadmium	0.74	U		P
7440-70-2	Calcium	3720			P
7440-47-3	Chromium	36.7		J	P
7440-48-4	Cobalt	13.1			P
7440-50-8	Copper	20.2			P
7439-89-6	Iron	26500			P
7439-92-1	Lead	13.9		J	F
7439-95-4	Magnesium	7270			A
7439-96-5	Manganese	526			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	27.6			P
7440-09-7	Potassium	3910			A
7782-49-2	Selenium	0.51	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	948			A
7440-28-0	Thallium	0.33	U		F
7440-62-2	Vanadium	42.6			P
7440-66-6	Zinc	47.7			P
	Cyanide	0.28	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210A 5'

SB-210B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20464

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27300		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.9			F
7440-39-3	Barium	55.8		J	P
7440-41-7	Beryllium	0.90			P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	33800			P
7440-47-3	Chromium	30.5		J	P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	27.4			P
7439-89-6	Iron	21800			P
7439-92-1	Lead	6.4		J	F
7439-95-4	Magnesium	19200			A
7439-96-5	Manganese	922			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	31.5			P
7440-09-7	Potassium	5300			A
7782-49-2	Selenium	0.49	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1090			A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	19.9			P
7440-66-6	Zinc	47.9			P
	Cyanide	0.28	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210B 10'

SB-210B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20464

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27300		J	P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.9			F
7440-39-3	Barium	55.8		J	P
7440-41-7	Beryllium	0.90			P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	33800			P
7440-47-3	Chromium	30.5		J	P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	27.4			P
7439-89-6	Iron	21800			P
7439-92-1	Lead	6.4		J	F
7439-95-4	Magnesium	19200			A
7439-96-5	Manganese	922			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	31.5			P
7440-09-7	Potassium	5300			A
7782-49-2	Selenium	0.49	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1090			A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	19.9			P
7440-66-6	Zinc	47.9			P
	Cyanide	0.28	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210B 10'

U.S. EPA - CLP

SB-210C

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20465

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.47			F
7440-39-3	Barium	8.9		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	218		U	P
7440-47-3	Chromium	7.7		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.1		U	P
7439-89-6	Iron	3480			P
7439-92-1	Lead	1.0		U	F
7439-95-4	Magnesium	702		U	A
7439-96-5	Manganese	35.1			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	5.9		U	P
7440-09-7	Potassium	443			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	157		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	8.9			P
7440-66-6	Zinc	8.6		U	P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: SAND

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210C 20'

SB-210C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20465

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2100		J	P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.47			F
7440-39-3	Barium	8.9		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	218		U	P
7440-47-3	Chromium	7.7		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.1		U	P
7439-89-6	Iron	3480			P
7439-92-1	Lead	1.0		U	F
7439-95-4	Magnesium	702		U	A
7439-96-5	Manganese	35.1			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	5.9		U	P
7440-09-7	Potassium	443			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	157		U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	8.9			P
7440-66-6	Zinc	8.6		U	P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: SAND

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB210C 20'

SB-211A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20841

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3310		J	P
7440-36-0	Antimony	~~1.2~~	U	R	F
7440-38-2	Arsenic	0.47		J	F
7440-39-3	Barium	48.6		J	P
7440-41-7	Beryllium	0.61		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	5640			P
7440-47-3	Chromium	150		J	P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	2.7			P
7439-89-6	Iron	3010		J	P
7439-92-1	Lead	2.2		J	F
7439-95-4	Magnesium	1440			A
7439-96-5	Manganese	55.3		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.3		U	P
7440-09-7	Potassium	660		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1080		J	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	9.6			P
7440-66-6	Zinc	9.3		U	P
	Cyanide	0.26	U	UJ	C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211A

SB-211A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20841

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3310		J	P
7440-36-0	Antimony	~~1.2~~	U	R	F
7440-38-2	Arsenic	0.47		J	F
7440-39-3	Barium	48.6		J	P
7440-41-7	Beryllium	0.61		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	5640			P
7440-47-3	Chromium	150		J	P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	2.7			P
7439-89-6	Iron	3010		J	P
7439-92-1	Lead	2.2		J	F
7439-95-4	Magnesium	1440			A
7439-96-5	Manganese	55.3		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.3		U	P
7440-09-7	Potassium	660		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	1080		J	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	9.6			P
7440-66-6	Zinc	9.3		U	P
	Cyanide	0.26	U	UJ	C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211A

SB-211X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20843

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0E

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.9

FIELD DUP. TO SB-211B

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3200		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.75		J	F
7440-39-3	Barium	58.8		J	P
7440-41-7	Beryllium	0.65		U	P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	6630			P
7440-47-3	Chromium	29.8		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.0			P
7439-89-6	Iron	3020		J	P
7439-92-1	Lead	2.5		J	F
7439-95-4	Magnesium	1690			A
7439-96-5	Manganese	68.6		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.7		U	P
7440-09-7	Potassium	650			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	1520		J	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	13.4			P
7440-66-6	Zinc	9.0		U	P
	Cyanide	0.25	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211X

SB-211X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20843

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0E

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.9

FIELD DUP. TO SB-211B

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3200		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.75		J	F
7440-39-3	Barium	58.8		J	P
7440-41-7	Beryllium	0.65		U	P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	6630			P
7440-47-3	Chromium	23.8		J	P
7440-48-4	Cobalt	1.8			P
7440-50-8	Copper	3.0			P
7439-89-6	Iron	3020		J	P
7439-92-1	Lead	2.5		J	F
7439-95-4	Magnesium	1690			A
7439-96-5	Manganese	68.6		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.7		U	P
7440-09-7	Potassium	650			A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	1520		J	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	13.4			P
7440-66-6	Zinc	9.0		U	P
	Cyanide	0.25	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211X

SB-211B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20842

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 86.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9650		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.61		J	F
7440-39-3	Barium	59.0		J	P
7440-41-7	Beryllium	0.92		B	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	3880			P
7440-47-3	Chromium	23.4		J	P
7440-48-4	Cobalt	4.8			P
7440-50-8	Copper	4.8			P
7439-89-6	Iron	11000		J	P
7439-92-1	Lead	3.3		J	F
7439-95-4	Magnesium	3040			A
7439-96-5	Manganese	214		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.7		B	P
7440-09-7	Potassium	1720			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	323		J	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	19.0			P
7440-66-6	Zinc	25.2		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211B

SB-211B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20842

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 86.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9650		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.61		J	F
7440-39-3	Barium	59.0		J	P
7440-41-7	Beryllium	0.92		U	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	3880			P
7440-47-3	Chromium	23.4		J	P
7440-48-4	Cobalt	4.8			P
7440-50-8	Copper	4.8			P
7439-89-6	Iron	11000		J	P
7439-92-1	Lead	3.3		J	F
7439-95-4	Magnesium	3040			A
7439-96-5	Manganese	214		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.7		U	P
7440-09-7	Potassium	1720			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	323		J	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	19.0			P
7440-66-6	Zinc	25.2		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211B

SB-211C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20844

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 81.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1360		J	P
7440-36-0	Antimony	1.3	U	R	F
7440-38-2	Arsenic	0.34	U	UJ	F
7440-39-3	Barium	688		J	P
7440-41-7	Beryllium	0.68		U	P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	5100			P
7440-47-3	Chromium	8.1		U	P
7440-48-4	Cobalt	3.5			P
7440-50-8	Copper	7.1			P
7439-89-6	Iron	2270		J	P
7439-92-1	Lead	2.4		J	F
7439-95-4	Magnesium	1310			A
7439-96-5	Manganese	83.9		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.8		U	P
7440-09-7	Potassium	339		J	A
7782-49-2	Selenium	0.49	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	106	U		A
7440-28-0	Thallium	0.32	U	UJ	F
7440-62-2	Vanadium	3.5			P
7440-66-6	Zinc	8.0		U	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: SAND

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211C

SB-211C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20844

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 81.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1360		J	P
7440-36-0	Antimony	1.3	U	R	F
7440-38-2	Arsenic	0.34	U	UJ	F
7440-39-3	Barium	688		J	P
7440-41-7	Beryllium	0.68		U	P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	5100			P
7440-47-3	Chromium	8.1		U	P
7440-48-4	Cobalt	3.5			P
7440-50-8	Copper	7.1			P
7439-89-6	Iron	2270		J	P
7439-92-1	Lead	2.4		J	F
7439-95-4	Magnesium	1310			A
7439-96-5	Manganese	83.9		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.8		U	P
7440-09-7	Potassium	339		J	A
7782-49-2	Selenium	0.49	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	106	U		A
7440-28-0	Thallium	0.32	U	UJ	F
7440-62-2	Vanadium	3.5			P
7440-66-6	Zinc	8.0		U	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: SAND

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB211C

SB-212A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20839

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3810		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.54		J	F
7440-39-3	Barium	76.4		J	P
7440-41-7	Beryllium	0.70		U	P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	1140			P
7440-47-3	Chromium	12.0		J	P
7440-48-4	Cobalt	3.0			P
7440-50-8	Copper	4.1			P
7439-89-6	Iron	7560		J	P
7439-92-1	Lead	2.7		J	F
7439-95-4	Magnesium	1250			A
7439-96-5	Manganese	330		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.3		U	P
7440-09-7	Potassium	499		J	A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	101		J	A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	11.3			P
7440-66-6	Zinc	12.1		U	P
	Cyanide	0.25	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212A

SB-212A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20839

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3810		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.54		J	F
7440-39-3	Barium	76.4		J	P
7440-41-7	Beryllium	0.70		U	P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	1140			P
7440-47-3	Chromium	12.0		J	P
7440-48-4	Cobalt	3.0			P
7440-50-8	Copper	4.1			P
7439-89-6	Iron	7560		J	P
7439-92-1	Lead	2.7		J	F
7439-95-4	Magnesium	1250			A
7439-96-5	Manganese	330		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.3		U	P
7440-09-7	Potassium	499		J	A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	101		J	A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	11.3			P
7440-66-6	Zinc	12.1		U	P
	Cyanide	0.25	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212A

SB-212B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20847

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 92.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12900		J	P
7440-36-0	Antimony	1.1	U	R	F
7440-38-2	Arsenic	1.9		J	F
7440-39-3	Barium	70.1		J	P
7440-41-7	Beryllium	0.83		U	P
7440-43-9	Cadmium	0.61	U		P
7440-70-2	Calcium	905			P
7440-47-3	Chromium	24.3		J	P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	4.4			P
7439-89-6	Iron	17100		J	P
7439-92-1	Lead	4.8		J	F
7439-95-4	Magnesium	2840			A
7439-96-5	Manganese	100		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	13.8		J	P
7440-09-7	Potassium	2200		J	A
7782-49-2	Selenium	0.43	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	629		J	A
7440-28-0	Thallium	0.28	U	UJ	F
7440-62-2	Vanadium	22.9			P
7440-66-6	Zinc	17.7		J	P
	Cyanide	0.24	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212B

SB-212B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20847

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 92.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12900		J	P
7440-36-0	Antimony	1.1	U	R	F
7440-38-2	Arsenic	1.9		J	F
7440-39-3	Barium	70.1		J	P
7440-41-7	Beryllium	0.83		U	P
7440-43-9	Cadmium	0.61	U		P
7440-70-2	Calcium	905			P
7440-47-3	Chromium	24.3		J	P
7440-48-4	Cobalt	4.2			P
7440-50-8	Copper	4.4			P
7439-89-6	Iron	17100		J	P
7439-92-1	Lead	4.8		J	F
7439-95-4	Magnesium	2840			A
7439-96-5	Manganese	100		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	13.8		J	P
7440-09-7	Potassium	2200		J	A
7782-49-2	Selenium	0.43	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	629		J	A
7440-28-0	Thallium	0.28	U	UJ	F
7440-62-2	Vanadium	22.9			P
7440-66-6	Zinc	17.7		J	P
	Cyanide	0.24	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212B

SB-212C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20840

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	709		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.33	U	UJ	F
7440-39-3	Barium	12.5		J	P
7440-41-7	Beryllium	0.59		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	92.8			P
7440-47-3	Chromium	5.9		U	P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	960		J	P
7439-92-1	Lead	0.50		J	F
7439-95-4	Magnesium	359		U	A
7439-96-5	Manganese	73.0		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.2		U	P
7440-09-7	Potassium	203		U	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	103	U		A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	1.7			P
7440-66-6	Zinc	3.8		U	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212C

SB-212C

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20840

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	709		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.33	U	UJ	F
7440-39-3	Barium	12.5		J	P
7440-41-7	Beryllium	0.59		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	92.8			P
7440-47-3	Chromium	5.9		U	P
7440-48-4	Cobalt	1.9			P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	960		J	P
7439-92-1	Lead	0.50		J	F
7439-95-4	Magnesium	359		U	A
7439-96-5	Manganese	73.0		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	3.2		U	P
7440-09-7	Potassium	203		U	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	103	U		A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	1.7			P
7440-66-6	Zinc	3.8		U	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB212C

SB-213A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20845

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12600		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.73		J	F
7440-39-3	Barium	92.1		J	P
7440-41-7	Beryllium	0.89		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1160			P
7440-47-3	Chromium	14.4		J	P
7440-48-4	Cobalt	3.9			P
7440-50-8	Copper	6.1			P
7439-89-6	Iron	9680		J	P
7439-92-1	Lead	5.0		J	F
7439-95-4	Magnesium	1910			A
7439-96-5	Manganese	120		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.5		U	P
7440-09-7	Potassium	1160		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	102	U		A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	15.5			P
7440-66-6	Zinc	18.6		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB213A

SB-213A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20845

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12600		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.73		J	F
7440-39-3	Barium	92.1		J	P
7440-41-7	Beryllium	0.89		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1160			P
7440-47-3	Chromium	14.4		J	P
7440-48-4	Cobalt	3.9			P
7440-50-8	Copper	6.1			P
7439-89-6	Iron	9680		J	P
7439-92-1	Lead	5.0		J	F
7439-95-4	Magnesium	1910			A
7439-96-5	Manganese	120		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.5		U	P
7440-09-7	Potassium	1160		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	102	U		A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	15.5			P
7440-66-6	Zinc	18.6		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB213A

SB-213B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2084E

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 89.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5330		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.93		J	F
7440-39-3	Barium	49.4		J	P
7440-41-7	Beryllium	0.85		U	P
7440-43-9	Cadmium	0.63	U		P
7440-70-2	Calcium	11600			P
7440-47-3	Chromium	13.6		J	P
7440-48-4	Cobalt	4.4			P
7440-50-8	Copper	4.7			P
7439-89-6	Iron	6230		J	P
7439-92-1	Lead	3.4		J	F
7439-95-4	Magnesium	8070			A
7439-96-5	Manganese	323		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.5		J	P
7440-09-7	Potassium	1030		J	A
7782-49-2	Selenium	0.44	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	95.1	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	16.2			P
7440-66-6	Zinc	19.4		J	P
	Cyanide	0.24	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB213B

SB-213B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2084E

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 89.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5330		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.93		J	F
7440-39-3	Barium	49.4		J	P
7440-41-7	Beryllium	0.85		U	P
7440-43-9	Cadmium	0.63	U		P
7440-70-2	Calcium	11600			P
7440-47-3	Chromium	13.6		J	P
7440-48-4	Cobalt	4.4			P
7440-50-8	Copper	4.7			P
7439-89-6	Iron	6230		J	P
7439-92-1	Lead	3.4		J	F
7439-95-4	Magnesium	8070			A
7439-96-5	Manganese	323		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.5		J	P
7440-09-7	Potassium	1030		J	A
7782-49-2	Selenium	0.44	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	95.1	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	16.2			P
7440-66-6	Zinc	19.4		J	P
	Cyanide	0.24	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB213B

SB-214A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20904

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22500		J	P
7440-36-0	Antimony	1.3	U	R	P
7440-38-2	Arsenic	3.1		J	P
7440-39-3	Barium	488		J	P
7440-41-7	Beryllium	1.5		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2170			P
7440-47-3	Chromium	32.0		J	P
7440-48-4	Cobalt	7.2			P
7440-50-8	Copper	9.0			P
7439-89-6	Iron	23900		J	P
7439-92-1	Lead	12.2		J	P
7439-95-4	Magnesium	3200			A
7439-96-5	Manganese	421		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	17.3		J	P
7440-09-7	Potassium	2210		J	A
7782-49-2	Selenium	0.47	U	UJ	P
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	511		J	A
7440-28-0	Thallium	0.31	U	UJ	P
7440-62-2	Vanadium	38.9			P
7440-66-6	Zinc	122		J	P
	Cyanide	0.25	U	UJ	C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB214A

SB-214A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20904

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	22500		J	P
7440-36-0	Antimony	1.3	U	R	F
7440-38-2	Arsenic	3.1		J	F
7440-39-3	Barium	488		J	P
7440-41-7	Beryllium	1.5		U	P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2170			P
7440-47-3	Chromium	32.0		J	P
7440-48-4	Cobalt	7.2			P
7440-50-8	Copper	9.0			P
7439-89-6	Iron	23900		J	P
7439-92-1	Lead	12.2		J	F
7439-95-4	Magnesium	3200			A
7439-96-5	Manganese	421		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	17.3		J	P
7440-09-7	Potassium	2210		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	511		J	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	38.9			P
7440-66-6	Zinc	122		J	P
	Cyanide	0.25	U	UJ	C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB214A

SB-214B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20907

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 87.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3230		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.32		J	F
7440-39-3	Barium	113		J	P
7440-41-7	Beryllium	0.77		U	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	1200			P
7440-47-3	Chromium	10.7		J	P
7440-48-4	Cobalt	4.5			P
7440-50-8	Copper	4.5			P
7439-89-6	Iron	4230		J	P
7439-92-1	Lead	3.3		J	F
7439-95-4	Magnesium	1280			A
7439-96-5	Manganese	670		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	11.8		U	P
7440-09-7	Potassium	436		J	A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	98.4	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	11.8			P
7440-66-6	Zinc	31.6		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB214B

SB-214B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20907

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 87.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3230		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	0.32		J	F
7440-39-3	Barium	113		J	P
7440-41-7	Beryllium	0.77		U	P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	1200			P
7440-47-3	Chromium	10.7		J	P
7440-48-4	Cobalt	4.5			P
7440-50-8	Copper	4.5			P
7439-89-6	Iron	4230		J	P
7439-92-1	Lead	3.3		J	F
7439-95-4	Magnesium	1280			A
7439-96-5	Manganese	670		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	11.8		U	P
7440-09-7	Potassium	436		J	A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	98.4	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	11.8			P
7440-66-6	Zinc	31.6		J	P
	Cyanide	0.26	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB214B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20908

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32200			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	3.0			F
7440-39-3	Barium	2540		J	P
7440-41-7	Beryllium	0.75			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	8110		J	P
7440-47-3	Chromium	30.8			P
7440-48-4	Cobalt	14.0			P
7440-50-8	Copper	18.5			P
7439-89-6	Iron	24000		J	P
7439-92-1	Lead	11.7			F
7439-95-4	Magnesium	4380			A
7439-96-5	Manganese	421		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	23.4			P
7440-09-7	Potassium	3950			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	748			A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	36.8			P
7440-66-6	Zinc	44.4			P
	Cyanide	0.28	U		C

Color Before: ORANGE-BR Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU ~~SB21A~~ PEO 10/91
SB215A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20908

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 82.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32200			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	3.0			F
7440-39-3	Barium	2540		J	P
7440-41-7	Beryllium	0.75			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	8110		J	P
7440-47-3	Chromium	30.8			P
7440-48-4	Cobalt	14.0			P
7440-50-8	Copper	18.5			P
7439-89-6	Iron	24000		J	P
7439-92-1	Lead	11.7			F
7439-95-4	Magnesium	4380			A
7439-96-5	Manganese	421		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	23.4			P
7440-09-7	Potassium	3950			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	748			A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	36.8			P
7440-66-6	Zinc	44.4			P
	Cyanide	0.28	U		C

Color Before: ORANGE-BR Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU ~~SB21A~~ PEO 10/91
SB215A

SB-215B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20911

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19100		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	1.4		J	F
7440-39-3	Barium	195		J	P
7440-41-7	Beryllium	1.1		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	2500			P
7440-47-3	Chromium	23.5		J	P
7440-48-4	Cobalt	9.6			P
7440-50-8	Copper	18.9			P
7439-89-6	Iron	16400		J	P
7439-92-1	Lead	8.1		J	F
7439-95-4	Magnesium	6700			A
7439-96-5	Manganese	383		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	26.4		J	P
7440-09-7	Potassium	2400		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	865		J	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	20.5			P
7440-66-6	Zinc	63.8		J	P
	Cyanide	0.27	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB215B

SB-215B

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20911

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19100		J	P
7440-36-0	Antimony	1.2	U	R	F
7440-38-2	Arsenic	1.4		J	F
7440-39-3	Barium	195		J	P
7440-41-7	Beryllium	1.1		U	P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	2500			P
7440-47-3	Chromium	23.5		J	P
7440-48-4	Cobalt	9.6			P
7440-50-8	Copper	18.9			P
7439-89-6	Iron	16400		J	P
7439-92-1	Lead	8.1		J	F
7439-95-4	Magnesium	6700			A
7439-96-5	Manganese	383		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	26.4		J	P
7440-09-7	Potassium	2400		J	A
7782-49-2	Selenium	0.47	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	865		J	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	20.5			P
7440-66-6	Zinc	63.8		J	P
	Cyanide	0.27	U	UJ	C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB215B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20912

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 85.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1320			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U		F
7440-39-3	Barium	5.8		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	257		J	P
7440-47-3	Chromium	3.7			P
7440-48-4	Cobalt	2.8		B	P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	3280		J	P
7439-92-1	Lead	1.1			F
7439-95-4	Magnesium	1410			A
7439-96-5	Manganese	80.7		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.9			P
7440-09-7	Potassium	268		B	A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	101	U		A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	8.8			P
7440-66-6	Zinc	5.9			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB215C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20912

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 85.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1320			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.32	U		F
7440-39-3	Barium	5.8		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	257		J	P
7440-47-3	Chromium	3.7			P
7440-48-4	Cobalt	2.8		U	P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	3280		J	P
7439-92-1	Lead	1.1			F
7439-95-4	Magnesium	1410			A
7439-96-5	Manganese	80.7		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	4.9			P
7440-09-7	Potassium	268		U	A
7782-49-2	Selenium	0.46	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	101	U		A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	8.8			P
7440-66-6	Zinc	5.9			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB215C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21012

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 83.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20300			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	4.8			F
7440-39-3	Barium	201		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2520		J	P
7440-47-3	Chromium	19.5			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	7.3			P
7439-89-6	Iron	21200			P
7439-92-1	Lead	16.8			F
7439-95-4	Magnesium	2340			A
7439-96-5	Manganese	759		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.4			P
7440-09-7	Potassium	1300			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium				
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	34.9			P
7440-66-6	Zinc	34.0			P
	Cyanide	0.27	U		C

NR

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21012

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 83.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20300			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	4.8			F
7440-39-3	Barium	201		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2520		J	P
7440-47-3	Chromium	19.5			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	7.3			P
7439-89-6	Iron	21200			P
7439-92-1	Lead	16.8			F
7439-95-4	Magnesium	2340			A
7439-96-5	Manganese	759		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.4			P
7440-09-7	Potassium	1300			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium				
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	34.9			P
7440-66-6	Zinc	34.0			P
	Cyanide	0.27	U		C

NR

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21013

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 82.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40000			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.8			F
7440-39-3	Barium	1160		J	P
7440-41-7	Beryllium	0.72			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4990		J	P
7440-47-3	Chromium	45.2			P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	17.1			P
7439-89-6	Iron	29100		J	P
7439-92-1	Lead	8.6			F
7439-95-4	Magnesium	3140			A
7439-96-5	Manganese	286		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	30.5			P
7440-09-7	Potassium	5360			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium				
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	44.1			P
7440-66-6	Zinc	51.2			P
	Cyanide	0.26	U		C

NR

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21013

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 82.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40000			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.8			F
7440-39-3	Barium	1160		J	P
7440-41-7	Beryllium	0.72			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	4990		J	P
7440-47-3	Chromium	45.2			P
7440-48-4	Cobalt	12.6			P
7440-50-8	Copper	17.1			P
7439-89-6	Iron	29100		J	P
7439-92-1	Lead	8.6			F
7439-95-4	Magnesium	3140			A
7439-96-5	Manganese	286		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	30.5			P
7440-09-7	Potassium	5360			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium				
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	44.1			P
7440-66-6	Zinc	51.2			P
	Cyanide	0.26	U		C

NR

Color Before: ORANGE Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216B

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21015

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13600			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.3			F
7440-39-3	Barium	360		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2980		J	P
7440-47-3	Chromium	18.5			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	9.6			P
7439-89-6	Iron	14800		J	P
7439-92-1	Lead	6.5			F
7439-95-4	Magnesium	3790			A
7439-96-5	Manganese	250		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	19.5			P
7440-09-7	Potassium	1510			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	792			A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	18.6			P
7440-66-6	Zinc	25.3			P
	Cyanide	0.27	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216X

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21015

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	13600			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	1.3			F
7440-39-3	Barium	360		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	2980		J	P
7440-47-3	Chromium	18.5			P
7440-48-4	Cobalt	9.0			P
7440-50-8	Copper	9.6			P
7439-89-6	Iron	14800		J	P
7439-92-1	Lead	6.5			F
7439-95-4	Magnesium	3790			A
7439-96-5	Manganese	250		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	19.5			P
7440-09-7	Potassium	1510			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	792			A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	18.6			P
7440-66-6	Zinc	25.3			P
	Cyanide	0.27	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216X

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21014

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 76.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19400			P
7440-36-0	Antimony	1.4	U	UJ	F
7440-38-2	Arsenic	3.0			F
7440-39-3	Barium	1340		J	P
7440-41-7	Beryllium	0.39			P
7440-43-9	Cadmium	0.75	U		P
7440-70-2	Calcium	5550			P
7440-47-3	Chromium	25.4			P
7440-48-4	Cobalt	10.1			P
7440-50-8	Copper	10.9			P
7439-89-6	Iron	19400		J	P
7439-92-1	Lead	9.0			F
7439-95-4	Magnesium	3620			A
7439-96-5	Manganese	393		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	18.8			P
7440-09-7	Potassium	2720			A
7782-49-2	Selenium	0.52	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	695			A
7440-28-0	Thallium	0.33	U	UJ	F
7440-62-2	Vanadium	29.4			P
7440-66-6	Zinc	40.6			P
	Cyanide	0.29	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21014

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 76.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19400			P
7440-36-0	Antimony	1.4	U	UJ	F
7440-38-2	Arsenic	3.0			F
7440-39-3	Barium	1340		J	P
7440-41-7	Beryllium	0.39			P
7440-43-9	Cadmium	0.75	U		P
7440-70-2	Calcium	5550			P
7440-47-3	Chromium	25.4			P
7440-48-4	Cobalt	10.1			P
7440-50-8	Copper	10.9			P
7439-89-6	Iron	19400		J	P
7439-92-1	Lead	9.0			F
7439-95-4	Magnesium	3620			A
7439-96-5	Manganese	393		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	18.8			P
7440-09-7	Potassium	2720			A
7782-49-2	Selenium	0.52	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	695			A
7440-28-0	Thallium	0.33	U	UJ	F
7440-62-2	Vanadium	29.4			P
7440-66-6	Zinc	40.6			P
	Cyanide	0.29	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB216C

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21016

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 93.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25400			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	1.8			F
7440-39-3	Barium	178		J	P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.62	U		P
7440-70-2	Calcium	1490		J	P
7440-47-3	Chromium	22.6			P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	6.6			P
7439-89-6	Iron	16600		J	P
7439-92-1	Lead	4.1			F
7439-95-4	Magnesium	1720			A
7439-96-5	Manganese	195		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	13.8			P
7440-09-7	Potassium	2300			A
7782-49-2	Selenium	0.42	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	92.4	U		A
7440-28-0	Thallium	0.27	U	UJ	F
7440-62-2	Vanadium	33.6			P
7440-66-6	Zinc	27.1			P
	Cyanide	0.24	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21016

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 93.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	25400			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	1.8			F
7440-39-3	Barium	178		J	P
7440-41-7	Beryllium	0.32	U		P
7440-43-9	Cadmium	0.62	U		P
7440-70-2	Calcium	1490		J	P
7440-47-3	Chromium	22.6			P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	6.6			P
7439-89-6	Iron	16600		J	P
7439-92-1	Lead	4.1			F
7439-95-4	Magnesium	1720			A
7439-96-5	Manganese	195		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	13.8			P
7440-09-7	Potassium	2300			A
7782-49-2	Selenium	0.42	U	UJ	F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	92.4	U		A
7440-28-0	Thallium	0.27	U	UJ	F
7440-62-2	Vanadium	33.6			P
7440-66-6	Zinc	27.1			P
	Cyanide	0.24	U		C

Color Before: ORANGE-BN Clarity Before: Texture: CLAY

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21017

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4470			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	66.3		J	P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	553		J	P
7440-47-3	Chromium	8.5			P
7440-48-4	Cobalt	3.8		U	P
7440-50-8	Copper	1.8			P
7439-89-6	Iron	5870		J	P
7439-92-1	Lead	6.8			F
7439-95-4	Magnesium	4850			A
7439-96-5	Manganese	210		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	9.7			P
7440-09-7	Potassium	851			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	97.7	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	6.1			P
7440-66-6	Zinc	23.4			P
	Cyanide	0.24	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21017

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4470			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	66.3		J	P
7440-41-7	Beryllium	0.34	U		P
7440-43-9	Cadmium	0.65	U		P
7440-70-2	Calcium	553		J	P
7440-47-3	Chromium	8.5			P
7440-48-4	Cobalt	3.8		U	P
7440-50-8	Copper	1.8			P
7439-89-6	Iron	5870		J	P
7439-92-1	Lead	6.8			F
7439-95-4	Magnesium	4850			A
7439-96-5	Manganese	210		J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	9.7			P
7440-09-7	Potassium	851			A
7782-49-2	Selenium	0.45	U	UJ	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	97.7	U		A
7440-28-0	Thallium	0.29	U	UJ	F
7440-62-2	Vanadium	6.1			P
7440-66-6	Zinc	23.4			P
	Cyanide	0.24	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21018

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 79.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3980			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	78.4		J	P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	66600		J	P
7440-47-3	Chromium	8.9			P
7440-48-4	Cobalt	5.1		u	P
7440-50-8	Copper	12.1			P
7439-89-6	Iron	8470		J	P
7439-92-1	Lead	5.2			F
7439-95-4	Magnesium	1410			A
7439-96-5	Manganese	879		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.6			P
7440-09-7	Potassium	835			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	250		u	A
7440-28-0	Thallium	0.33	U	UJ	F
7440-62-2	Vanadium	20.5			P
7440-66-6	Zinc	14.7			P
	Cyanide	0.28	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21018

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 79.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3980			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.53			F
7440-39-3	Barium	78.4		J	P
7440-41-7	Beryllium	0.38	U		P
7440-43-9	Cadmium	0.73	U		P
7440-70-2	Calcium	66600		J	P
7440-47-3	Chromium	8.9			P
7440-48-4	Cobalt	5.1		U	P
7440-50-8	Copper	12.1			P
7439-89-6	Iron	8470		J	P
7439-92-1	Lead	5.2			F
7439-95-4	Magnesium	1410			A
7439-96-5	Manganese	879		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.6			P
7440-09-7	Potassium	835			A
7782-49-2	Selenium	0.50	U	UJ	F
7440-22-4	Silver	1.9	U	UJ	P
7440-23-5	Sodium	250		U	A
7440-28-0	Thallium	0.33	U	UJ	F
7440-62-2	Vanadium	20.5			P
7440-66-6	Zinc	14.7			P
	Cyanide	0.28	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB217C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21076

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.62			F
7440-39-3	Barium	123		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	24300		J	P
7440-47-3	Chromium	6.2			P
7440-48-4	Cobalt	4.0		U	P
7440-50-8	Copper	4.3			P
7439-89-6	Iron	5790		J	P
7439-92-1	Lead	12.5			F
7439-95-4	Magnesium	3330			A
7439-96-5	Manganese	952		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	6.0			P
7440-09-7	Potassium	674			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	248		U	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	9.5			P
7440-66-6	Zinc	13.5			P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB218A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21076

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.62			F
7440-39-3	Barium	123		J	P
7440-41-7	Beryllium	0.36	U		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	24300		J	P
7440-47-3	Chromium	6.2			P
7440-48-4	Cobalt	4.0		U	P
7440-50-8	Copper	4.3			P
7439-89-6	Iron	5790		J	P
7439-92-1	Lead	12.5			F
7439-95-4	Magnesium	3330			A
7439-96-5	Manganese	952		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	6.0			P
7440-09-7	Potassium	674			A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	248		U	A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	9.5			P
7440-66-6	Zinc	13.5			P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB218A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21078

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 89.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1820		* J	P
7440-36-0	Antimony	1.2	U		F
7440-38-2	Arsenic	0.57	B		F
7440-39-3	Barium	2320			P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	0.67	B	U	P
7440-70-2	Calcium	13500			P
7440-47-3	Chromium	9.7		* J	P
7440-48-4	Cobalt	5.2	B	U	P
7440-50-8	Copper	2.1	B	U	P
7439-89-6	Iron	4510		* J	P
7439-92-1	Lead	3.7			F
7439-95-4	Magnesium	8260		*	A
7439-96-5	Manganese	481		* J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	9.0			P
7440-09-7	Potassium	393	B	*	A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U	N UJ	P
7440-23-5	Sodium	158	B	U	A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	15.5		*	P
7440-66-6	Zinc	8.2		* U	P
	Cyanide	0.25	U		C

Color Before: RED Clarity Before: Texture: DIRT

Color After: LT PINK Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB218B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21078

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 89.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1820	*	J	P
7440-36-0	Antimony	1.2	U		F
7440-38-2	Arsenic	0.57	B		F
7440-39-3	Barium	2320			P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	0.67	B	U	P
7440-70-2	Calcium	13500			P
7440-47-3	Chromium	9.7	*	J	P
7440-48-4	Cobalt	5.2	B	U	P
7440-50-8	Copper	2.1	B	U	P
7439-89-6	Iron	4510	*	J	P
7439-92-1	Lead	3.7			F
7439-95-4	Magnesium	8260	*		A
7439-96-5	Manganese	481	*	J	P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	9.0			P
7440-09-7	Potassium	393	B	*	A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U	UJ	P
7440-23-5	Sodium	158	B	U	A
7440-28-0	Thallium	0.29	U		F
7440-62-2	Vanadium	15.5	*		P
7440-66-6	Zinc	8.2	*	U	P
	Cyanide	0.25	U		C

Color Before: RED Clarity Before: Texture: DIRT

Color After: LT PINK Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB218B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21077

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 81.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	44000		J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	0.51			F
7440-39-3	Barium	255			P
7440-41-7	Beryllium	2.0			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	3240			P
7440-47-3	Chromium	39.4	*	J	P
7440-48-4	Cobalt	14.4			P
7440-50-8	Copper	40.9			P
7439-89-6	Iron	30700	*	J	P
7439-92-1	Lead	12.9			F
7439-95-4	Magnesium	11500	*		A
7439-96-5	Manganese	1280	*	J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	42.4			P
7440-09-7	Potassium	9220	*		A
7782-49-2	Selenium	0.49	U		F
7440-22-4	Silver	1.8	U	N UJ	P
7440-23-5	Sodium	610	B	UL	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	35.9	*		P
7440-66-6	Zinc	55.8	*	J	P
	Cyanide	0.28	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB218X

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21077

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 81.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	44000		J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	0.51			F
7440-39-3	Barium	255			P
7440-41-7	Beryllium	2.0			P
7440-43-9	Cadmium	0.70	U		P
7440-70-2	Calcium	3240			P
7440-47-3	Chromium	39.4	*	J	P
7440-48-4	Cobalt	14.4			P
7440-50-8	Copper	40.9			P
7439-89-6	Iron	30700	*	J	P
7439-92-1	Lead	12.9			F
7439-95-4	Magnesium	11500	*		A
7439-96-5	Manganese	1280	*	J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	42.4			P
7440-09-7	Potassium	9220	*		A
7782-49-2	Selenium	0.49	U		F
7440-22-4	Silver	1.8	U	N UJ	P
7440-23-5	Sodium	610	B	W	A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	35.9	*		P
7440-66-6	Zinc	55.8	*	J	P
	Cyanide	0.28	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB218X

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21073

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 86.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14700			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.3			F
7440-39-3	Barium	156		J	P
7440-41-7	Beryllium	0.37			P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	3960		J	P
7440-47-3	Chromium	19.8			P
7440-48-4	Cobalt	9.5			P
7440-50-8	Copper	7.3			P
7439-89-6	Iron	14100		J	P
7439-92-1	Lead	10.5			F
7439-95-4	Magnesium	2480			A
7439-96-5	Manganese	75.4		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.0			P
7440-09-7	Potassium	1240			A
7782-49-2	Selenium	1.4		J	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	309		K	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	36.2			P
7440-66-6	Zinc	23.9			P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21073

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 86.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14700			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	2.3			F
7440-39-3	Barium	156		J	P
7440-41-7	Beryllium	0.37			P
7440-43-9	Cadmium	0.67	U		P
7440-70-2	Calcium	3960		J	P
7440-47-3	Chromium	19.8			P
7440-48-4	Cobalt	9.5			P
7440-50-8	Copper	7.3			P
7439-89-6	Iron	14100		J	P
7439-92-1	Lead	10.5			F
7439-95-4	Magnesium	2480			A
7439-96-5	Manganese	75.4		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	12.0			P
7440-09-7	Potassium	1240			A
7782-49-2	Selenium	1.4		J	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	309		K	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	36.2			P
7440-66-6	Zinc	23.9			P
	Cyanide	0.25	U		C

Color Before: BROWN Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21074

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 85.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8220			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.81			F
7440-39-3	Barium	44.0		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1060		J	P
7440-47-3	Chromium	18.9			P
7440-48-4	Cobalt	4.1		U	P
7440-50-8	Copper	16.5			P
7439-89-6	Iron	8100		J	P
7439-92-1	Lead	4.9			F
7439-95-4	Magnesium	1340			A
7439-96-5	Manganese	331		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.1		J	P
7440-09-7	Potassium	1270			A
7782-49-2	Selenium	0.91		J	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	105		U	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	12.9			P
7440-66-6	Zinc	15.0			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21074

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 85.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8220			P
7440-36-0	Antimony	1.2	U	UJ	F
7440-38-2	Arsenic	0.81			F
7440-39-3	Barium	44.0		J	P
7440-41-7	Beryllium	0.35	U		P
7440-43-9	Cadmium	0.68	U		P
7440-70-2	Calcium	1060		J	P
7440-47-3	Chromium	18.9			P
7440-48-4	Cobalt	4.1		K	P
7440-50-8	Copper	16.5			P
7439-89-6	Iron	8100		J	P
7439-92-1	Lead	4.9			F
7439-95-4	Magnesium	1340			A
7439-96-5	Manganese	331		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	9.1		J	P
7440-09-7	Potassium	1270			A
7782-49-2	Selenium	0.91		J	F
7440-22-4	Silver	1.7	U	UJ	P
7440-23-5	Sodium	105		K	A
7440-28-0	Thallium	0.30	U	UJ	F
7440-62-2	Vanadium	12.9			P
7440-66-6	Zinc	15.0			P
	Cyanide	0.25	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21075

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	959			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.34	U		F
7440-39-3	Barium	73.2		J	P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	325		J	P
7440-47-3	Chromium	7.0			P
7440-48-4	Cobalt	4.2		K	P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	2100		J	P
7439-92-1	Lead	0.51			F
7439-95-4	Magnesium	431			A
7439-96-5	Manganese	202		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	2.5			P
7440-09-7	Potassium	269		K	A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	106	U		A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	3.2			P
7440-66-6	Zinc	6.9			P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21075

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/23/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	959			P
7440-36-0	Antimony	1.3	U	UJ	F
7440-38-2	Arsenic	0.34	U		F
7440-39-3	Barium	73.2		J	P
7440-41-7	Beryllium	0.37	U		P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	325		J	P
7440-47-3	Chromium	7.0			P
7440-48-4	Cobalt	4.2		U	P
7440-50-8	Copper	1.5	U		P
7439-89-6	Iron	2100		J	P
7439-92-1	Lead	0.51			F
7439-95-4	Magnesium	431			A
7439-96-5	Manganese	202		J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	2.5			P
7440-09-7	Potassium	269		U	A
7782-49-2	Selenium	0.48	U	UJ	F
7440-22-4	Silver	1.8	U	UJ	P
7440-23-5	Sodium	106	U		A
7440-28-0	Thallium	0.31	U	UJ	F
7440-62-2	Vanadium	3.2			P
7440-66-6	Zinc	6.9			P
	Cyanide	0.27	U		C

Color Before: ORANGE Clarity Before: Texture: DIRT

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-SU-SB220C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21265

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27300		* J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	1.5	B	W	F
7440-39-3	Barium	63.8			P
7440-41-7	Beryllium	1.0	B		P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	2940			P
7440-47-3	Chromium	33.7		* J	P
7440-48-4	Cobalt	8.1	B	U	P
7440-50-8	Copper	13.7		U	P
7439-89-6	Iron	22500		* J	P
7439-92-1	Lead	7.7			F
7439-95-4	Magnesium	4140		*	A
7439-96-5	Manganese	112		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	14.3			P
7440-09-7	Potassium	2830		*	A
7782-49-2	Selenium	0.49	U		F
7440-22-4	Silver	1.8	U	N UJ	P
7440-23-5	Sodium	803	B		A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	39.9		*	P
7440-66-6	Zinc	40.6		* J	P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21265

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 81.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27300		* J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	1.5	B	W	F
7440-39-3	Barium	63.8			P
7440-41-7	Beryllium	1.0	B		P
7440-43-9	Cadmium	0.71	U		P
7440-70-2	Calcium	2940			P
7440-47-3	Chromium	33.7		* J	P
7440-48-4	Cobalt	8.1	B	U	P
7440-50-8	Copper	13.7		U	P
7439-89-6	Iron	22500		* J	P
7439-92-1	Lead	7.7			F
7439-95-4	Magnesium	4140		*	A
7439-96-5	Manganese	112		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	14.3			P
7440-09-7	Potassium	2830		*	A
7782-49-2	Selenium	0.49	U		F
7440-22-4	Silver	1.8	U	N UJ	P
7440-23-5	Sodium	803	B		A
7440-28-0	Thallium	0.32	U		F
7440-62-2	Vanadium	39.9		*	P
7440-66-6	Zinc	40.6		* J	P
	Cyanide	0.27	U		C

Color Before: BROWN Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21266

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 86.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18700		* J	P
7440-36-0	Antimony	1.2	U		F
7440-38-2	Arsenic	1.1	B		F
7440-39-3	Barium	37.5	B		P
7440-41-7	Beryllium	0.91	B		P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	2280			P
7440-47-3	Chromium	48.1		* J	P
7440-48-4	Cobalt	7.0	B	U	P
7440-50-8	Copper	8.0		U	P
7439-89-6	Iron	22800		* J	P
7439-92-1	Lead	5.5			F
7439-95-4	Magnesium	4330		*	A
7439-96-5	Manganese	380		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	63.2			P
7440-09-7	Potassium	2470		*	A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U	N UJ	P
7440-23-5	Sodium	645	B		A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	31.5		*	P
7440-66-6	Zinc	35.2		* J	P
	Cyanide	0.26	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21266

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 86.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18700		* J	P
7440-36-0	Antimony	1.2	U		F
7440-38-2	Arsenic	1.1	B		F
7440-39-3	Barium	37.5	B		P
7440-41-7	Beryllium	0.91	B		P
7440-43-9	Cadmium	0.66	U		P
7440-70-2	Calcium	2280			P
7440-47-3	Chromium	48.1		* J	P
7440-48-4	Cobalt	7.0	B	U	P
7440-50-8	Copper	8.0		U	P
7439-89-6	Iron	22800		* J	P
7439-92-1	Lead	5.5			F
7439-95-4	Magnesium	4330		*	A
7439-96-5	Manganese	380		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	63.2			P
7440-09-7	Potassium	2470		*	A
7782-49-2	Selenium	0.44	U		F
7440-22-4	Silver	1.6	U	N UJ	P
7440-23-5	Sodium	645	B		A
7440-28-0	Thallium	0.28	U		F
7440-62-2	Vanadium	31.5		*	P
7440-66-6	Zinc	35.2		* J	P
	Cyanide	0.26	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221B

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21267

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 83.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11500		* J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	1.0	B		F
7440-39-3	Barium	269			P
7440-41-7	Beryllium	0.47	B		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	3480			P
7440-47-3	Chromium	21.4		* J	P
7440-48-4	Cobalt	8.3	B	U	P
7440-50-8	Copper	8.7		U	P
7439-89-6	Iron	13500		* J	P
7439-92-1	Lead	4.1			F
7439-95-4	Magnesium	3410		*	A
7439-96-5	Manganese	423		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.4			P
7440-09-7	Potassium	1510		*	A
7782-49-2	Selenium	0.46	U		F
7440-22-4	Silver	1.7	U	N UJ	P
7440-23-5	Sodium	427	B	U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	20.8		*	P
7440-66-6	Zinc	22.9		* J	P
	Cyanide	0.27	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21267

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 83.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11500		* J	P
7440-36-0	Antimony	1.3	U		F
7440-38-2	Arsenic	1.0	B		F
7440-39-3	Barium	269			P
7440-41-7	Beryllium	0.47	B		P
7440-43-9	Cadmium	0.69	U		P
7440-70-2	Calcium	3480			P
7440-47-3	Chromium	21.4		* J	P
7440-48-4	Cobalt	8.3	B	U	P
7440-50-8	Copper	8.7		U	P
7439-89-6	Iron	13500		* J	P
7439-92-1	Lead	4.1			F
7439-95-4	Magnesium	3410		*	A
7439-96-5	Manganese	423		* J	P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	13.4			P
7440-09-7	Potassium	1510		*	A
7782-49-2	Selenium	0.46	U		F
7440-22-4	Silver	1.7	U	N UJ	P
7440-23-5	Sodium	427	B	U	A
7440-28-0	Thallium	0.30	U		F
7440-62-2	Vanadium	20.8		*	P
7440-66-6	Zinc	22.9		* J	P
	Cyanide	0.27	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-SB221C

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21268

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 74.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37400		* J	P
7440-36-0	Antimony	1.4	U		F
7440-38-2	Arsenic	1.1	[redacted]		F
7440-39-3	Barium	681			P
7440-41-7	Beryllium	1.5			P
7440-43-9	Cadmium	0.77	U		P
7440-70-2	Calcium	4600			P
7440-47-3	Chromium	41.6		* J	P
7440-48-4	Cobalt	15.4			P
7440-50-8	Copper	37.8			P
7439-89-6	Iron	29500		* J	P
7439-92-1	Lead	14.1			F
7439-95-4	Magnesium	11600		*	A
7439-96-5	Manganese	944		* J	P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	32.8			P
7440-09-7	Potassium	6750		*	A
7782-49-2	Selenium	0.53	U		F
7440-22-4	Silver	2.0	U	N UJ	P
7440-23-5	Sodium	599	[redacted]	J	A
7440-28-0	Thallium	0.35	U		F
7440-62-2	Vanadium	36.4		*	P
7440-66-6	Zinc	56.3		* J	P
	Cyanide	0.29	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-BB001A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21268

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 74.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	37400		* J	P
7440-36-0	Antimony	1.4	U		F
7440-38-2	Arsenic	1.1	[redacted]		F
7440-39-3	Barium	681			P
7440-41-7	Beryllium	1.5			P
7440-43-9	Cadmium	0.77	U		P
7440-70-2	Calcium	4600			P
7440-47-3	Chromium	41.6		* J	P
7440-48-4	Cobalt	15.4			P
7440-50-8	Copper	37.8			P
7439-89-6	Iron	29500		* J	P
7439-92-1	Lead	14.1			F
7439-95-4	Magnesium	11600		*	A
7439-96-5	Manganese	944		* J	P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	32.8			P
7440-09-7	Potassium	6750		*	A
7782-49-2	Selenium	0.53	U		F
7440-22-4	Silver	2.0	U	N UJ	P
7440-23-5	Sodium	599	[redacted]	J	A
7440-28-0	Thallium	0.35	U		F
7440-62-2	Vanadium	36.4		*	P
7440-66-6	Zinc	56.3		* J	P
	Cyanide	0.29	U		C

Color Before: RED Clarity Before: Texture: CLAY

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-SU-BB001A

APPENDIX B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - PLATING SHOP

APPENDIX B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - PLATING SHOP

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 µg/L	T-GW-SB202A SB202 µg/L	T-GW-SB202X SB202 µg/L	T-GW-SB203A SB203 µg/L	T-GW-SB207A SB207 µg/L	T-GW-SB209A SB209 µg/L	T-GW-SB210A SB210 µg/L
Volatile Organic Compounds[a]										
1. Chloromethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
2. Bromomethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
3. Vinyl Chloride	25 U	5 J	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
4. Chloroethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
5. Methylene Chloride	15 U	6 U	5 U	12 U	5 U	5 U	5 U	60 U	6 U	6 U
6. Acetone	25 U	10 U	10 U	25 U	10 U	10 U	11 U	100 U	10 U	10 U
7. Carbon Disulfide	12 U	5	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
8. 1,1-Dichloroethylene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
9. 1,1-Dichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
10. 1,2-Dichloroethylene (total)	230	12	6	240	12	8	6	110	8	5 U
11. Chloroform	12 U	5 U	5 U	12 U	5 U	5 U	6 U	50 U	5 U	13 U
12. 1,2-Dichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
13. 2-Butanone	25 U	10 U	2 J	25 U	10 U	10 U	10 UJ	100 U	10 U	7 J
14. 1,1,1-Trichloroethane	12 U	5 U	5 U	12 U	5 U	1 J	5 U	50 U	5 U	5 U
15. Carbon Tetrachloride	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
16. Vinyl Acetate	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
17. Bromodichloromethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
18. 1,2-Dichloropropane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
19. cis-1,3-Dichloropropene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
20. Trichloroethylene	310 J	5 U	17	340	40	32	7	1,400	20	8
21. Dibromochloromethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
22. 1,1,2-Trichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 µg/L	T-GW-SB202A SB202 µg/L	T-GW-SB202X SB202 µg/L	T-GW-SB203A SB203 µg/L	T-GW-SB207A SB207 µg/L	T-GW-SB209A SB209 µg/L	T-GW-SB210A SB210 µg/L
Volatile Organic Compounds[a]										
1. Chloromethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
2. Bromomethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
3. Vinyl Chloride	25 U	5 J	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
4. Chloroethane	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
5. Methylene Chloride	15 U	6 U	5 U	12 U	5 U	5 U	5 U	60 U	6 U	6 U
6. Acetone	25 U	10 U	10 U	25 U	10 U	10 U	11 U	100 U	10 U	10 U
7. Carbon Disulfide	12 U	5	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
8. 1,1-Dichloroethylene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
9. 1,1-Dichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
10. 1,2-Dichloroethylene (total)	230	12	6	240	12	8	6	110	8	5 U
11. Chloroform	12 U	5 U	5 U	12 U	5 U	5 U	6 U	50 U	5 U	13 U
12. 1,2-Dichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
13. 2-Butanone	25 U	10 U	2 J	25 U	10 U	10 U	10 UJ	100 U	10 U	7 J
14. 1,1,1-Trichloroethane	12 U	5 U	5 U	12 U	5 U	1 J	5 U	50 U	5 U	5 U
15. Carbon Tetrachloride	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
16. Vinyl Acetate	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
17. Bromodichloromethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
18. 1,2-Dichloropropane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
19. cis-1,3-Dichloropropene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
20. Trichloroethylene	310 J	5 U	17	340	40	32	7	1,400	20	8
21. Dibromochloromethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
22. 1,1,2-Trichloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 µg/L	T-GW-SB202A SB202 µg/L	T-GW-SB202X SB202 µg/L	T-GW-SB203A SB203 µg/L	T-GW-SB207A SB207 µg/L	T-GW-SB209A SB209 µg/L	T-GW-SB210A SB210 µg/L
Volatile Organic Compounds[a]										
23. Benzene	12 U	5 U	2 J	12 U	5 U	5 U	5 U	50 U	5 U	5 U
24. trans-1,3-Dichloropropene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
25. Bromoform	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
26. 4-Methyl-2-pentanone	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
27. 2-Hexanone	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
28. Tetrachloroethylene	150	5	32	96	84	98	42	50 U	46	33 U
29. Toluene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
30. 1,1,2,2-Tetrachloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
31. Chlorobenzene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
32. Ethylbenzene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
33. Styrene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
34. Xylenes (total)	12 U	3 J	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 µg/L	T-GW-SB202A SB202 µg/L	T-GW-SB202X SB202 µg/L	T-GW-SB203A SB203 µg/L	T-GW-SB207A SB207 µg/L	T-GW-SB209A SB209 µg/L	T-GW-SB210A SB210 µg/L
Volatile Organic Compounds[a]										
23. Benzene	12 U	5 U	2 J	12 U	5 U	5 U	5 U	50 U	5 U	5 U
24. trans-1,3-Dichloropropene	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
25. Bromoform	12 U	5 U	5 U	12 U	5 U	5 U	5 U	50 U	5 U	5 U
26. 4-Methyl-2-pentanone	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
27. 2-Hexanone	25 U	10 U	10 U	25 U	10 U	10 U	10 U	100 U	10 U	10 U
28. Tetrachloroethylene	150	5	32	96	84	98	42	50 U	46	33 U
29. Toluene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
30. 1,1,2,2-Tetrachloroethane	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
31. Chlorobenzene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
32. Ethylbenzene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
33. Styrene	12 U	5 U	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U
34. Xylenes (total)	12 U	3 J	5 U	12 U	5 U	5 U	5 UJ	50 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-SB211A SB211 µg/L	T-GW-SB212A SB212 µg/L	T-GW-SB213A SB213 µg/L	T-GW-SB213X SB213 µg/L	T-GW-SB214A SB214 µg/L	T-GW-SB215A SB215 µg/L	T-GW-SB215X SB215 µg/L	T-GW-SB217A SB217 µg/L	T-GW-SB218A SB218 µg/L	T-GW-SB221A SB221 µg/L
Volatile Organic Compounds[a]										
1. Chloromethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
2. Bromomethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
3. Vinyl Chloride	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
4. Chloroethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 UJ	10 U	10 U
5. Methylene Chloride	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
6. Acetone	24 U	100 U	100 U	100 U	30 U	37 U	10 U	65	10 U	10 U
7. Carbon Disulfide	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 UJ	5 U	5 U
8. 1,1-Dichloroethylene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
9. 1,1-Dichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
10. 1,2-Dichloroethylene (total)	5 U	100	50 U	50 U	410	5 UJ	8 J	5 U	21	11
11. Chloroform	5 U	50 U	50 U	50 U	15 U	26 U	28 U	6 U	5 U	5 U
12. 1,2-Dichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
13. 2-Butanone	10 R	100 R	100 R	100 R	30 R	10 R	140 J	19	10 U	10 R
14. 1,1,1-Trichloroethane	5 U	50 U	50 U	50 U	15 U	8	12	5 U	5 U	5 U
15. Carbon Tetrachloride	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
16. Vinyl Acetate	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 UJ	10 U	10 U
17. Bromodichloromethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
18. 1,2-Dichloropropane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
19. cis-1,3-Dichloropropene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
20. Trichloroethylene	5 U	1000	1300	1000	26	14	14	7	8	74
21. Dibromochloromethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
22. 1,1,2-Trichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-SB211A SB211 µg/L	T-GW-SB212A SB212 µg/L	T-GW-SB213A SB213 µg/L	T-GW-SB213X SB213 µg/L	T-GW-SB214A SB214 µg/L	T-GW-SB215A SB215 µg/L	T-GW-SB215X SB215 µg/L	T-GW-SB217A SB217 µg/L	T-GW-SB218A SB218 µg/L	T-GW-SB221A SB221 µg/L
Volatile Organic Compounds[a]										
1. Chloromethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
2. Bromomethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
3. Vinyl Chloride	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 U	10 U	10 U
4. Chloroethane	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 UJ	10 U	10 U
5. Methylene Chloride	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
6. Acetone	24 U	100 U	100 U	100 U	30 U	37 U	10 U	65	10 U	10 U
7. Carbon Disulfide	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 UJ	5 U	5 U
8. 1,1-Dichloroethylene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
9. 1,1-Dichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
10. 1,2-Dichloroethylene (total)	5 U	100	50 U	50 U	410	5 UJ	8 J	5 U	21	11
11. Chloroform	5 U	50 U	50 U	50 U	15 U	26 U	28 U	6 U	5 U	5 U
12. 1,2-Dichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
13. 2-Butanone	10 R	100 R	100 R	100 R	30 R	10 R	140 J	19	10 U	10 R
14. 1,1,1-Trichloroethane	5 U	50 U	50 U	50 U	15 U	8	12	5 U	5 U	5 U
15. Carbon Tetrachloride	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
16. Vinyl Acetate	10 U	100 U	100 U	100 U	30 U	10 U	10 U	10 UJ	10 U	10 U
17. Bromodichloromethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
18. 1,2-Dichloropropane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
19. cis-1,3-Dichloropropene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
20. Trichloroethylene	5 U	1000	1300	1000	26	14	14	7	8	74
21. Dibromochloromethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
22. 1,1,2-Trichloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Location Units	T-GW-SB211A SB211 µg/L	T-GW-SB212A SB212 µg/L	T-GW-SB213A SB213 µg/L	T-GW-SB213X SB213 µg/L	T-GW-SB214A SB214 µg/L	T-GW-SB215A SB215 µg/L	T-GW-SB215X SB215 µg/L	T-GW-SB217A SB217 µg/L	T-GW-SB218A SB218 µg/L	T-GW-SB221A SB221 µg/L
Volatile Organic Compounds[a]										
23. Benzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
24. trans-1,3-Dichloropropene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
25. Bromoform	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
26. 4-Methyl-2-pentanone	10 U	100 U	100 U	100 U	30 U	10 U	10 UJ	2 J	10 U	10 U
27. 2-Hexanone	10 U	100 U	100 U	100 U	30 U	10 U	10 UJ	2 J	10 U	10 U
28. Tetrachloroethylene	5 U	110	120	110	32	65	71	43	180	79
29. Toluene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
30. 1,1,2,2-Tetrachloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
31. Chlorobenzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
32. Ethylbenzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
33. Styrene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
34. Xylenes (total)	5 U	50 U	50 U	50 U	15 U	5 U	5 UJ	5 U	5 U	5 UJ

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

R476911

TABLE B-7

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Location Units	T-GW-SB211A SB211 µg/L	T-GW-SB212A SB212 µg/L	T-GW-SB213A SB213 µg/L	T-GW-SB213X SB213 µg/L	T-GW-SB214A SB214 µg/L	T-GW-SB215A SB215 µg/L	T-GW-SB215X SB215 µg/L	T-GW-SB217A SB217 µg/L	T-GW-SB218A SB218 µg/L	T-GW-SB221A SB221 µg/L
Volatile Organic Compounds[a]										
23. Benzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
24. trans-1,3-Dichloropropene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
25. Bromoform	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
26. 4-Methyl-2-pentanone	10 U	100 U	100 U	100 U	30 U	10 U	10 UJ	2 J	10 U	10 U
27. 2-Hexanone	10 U	100 U	100 U	100 U	30 U	10 U	10 UJ	2 J	10 U	10 U
28. Tetrachloroethylene	5 U	110	120	110	32	65	71	43	180	79
29. Toluene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
30. 1,1,2,2-Tetrachloroethane	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
31. Chlorobenzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
32. Ethylbenzene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
33. Styrene	5 U	50 U	50 U	50 U	15 U	5 U	5 U	5 U	5 U	5 U
34. Xylenes (total)	5 U	50 U	50 U	50 U	15 U	5 U	5 UJ	5 U	5 U	5 UJ

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for volatile organic compounds. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW155A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-6

Matrix: (soil/water) SOIL Lab Sample ID: P134876

Sample wt/vol: 2.0 (g/mL) mL Lab File ID: VIA03189010

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. _____ Date Analyzed: 03/19/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	25	U
75-09-2	Methylene Chloride	15	U
67-64-1	Acetone	25U ~~5~~	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	230	
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	310	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	150	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW155A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-6

Matrix: (soil/water) SOIL Lab Sample ID: P134876

Sample wt/vol: 2.0 (g/mL) mL Lab File ID: VIA03189010

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. ____ Date Analyzed: 03/19/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	25	U
75-09-2	Methylene Chloride	~~15~~ 5	U
67-64-1	Acetone	25U ~~5~~	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	230	
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	310	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	150	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW156A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-6

Matrix: (soil/water) SOIL Lab Sample ID: P134879

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VIA03199006

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. _____ Date Analyzed: 03/19/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	5	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	10U ~~5~~	
75-15-0	Carbon Disulfide	5	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	12	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	3	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW156A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-6

Matrix: (soil/water) SOIL Lab Sample ID: P134879

Sample wt/vol: 5.0 (g/mL) mL Lab File ID: VIA03199006

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. _____ Date Analyzed: 03/19/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	5	J
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	10U ~~5~~	
75-15-0	Carbon Disulfide	5	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	12	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	3	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 2VP0329901

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. ____ Date Analyzed: 03/29/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	6	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	2	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	17	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	2	J
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	32	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE ID.
TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 2VP0329901

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. ____ Date Analyzed: 03/29/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	10 U
74-83-9	Bromomethane	10 U
75-01-4	Vinyl Chloride	10 U
75-00-3	Chloroethane	10 U
75-09-2	Methylene Chloride	5 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	5 U
75-35-4	1,1-Dichloroethene	5 U
75-34-3	1,1-Dichloroethane	5 U
540-59-0	1,2-Dichloroethene (total)	6
67-66-3	Chloroform	5 U
107-06-2	1,2-Dichloroethane	5 U
78-93-3	2-Butanone	2 J
71-55-6	1,1,1-Trichloroethane	5 U
56-23-5	Carbon Tetrachloride	5 U
108-05-4	Vinyl Acetate	10 U
75-27-4	Bromodichloromethane	5 U
78-87-5	1,2-Dichloropropane	5 U
10061-01-5	cis-1,3-Dichloropropene	5 U
79-01-6	Trichloroethene	17
124-48-1	Dibromochloromethane	5 U
79-00-5	1,1,2-Trichloroethane	5 U
71-43-2	Benzene	2 J
10061-02-6	trans-1,3-Dichloropropene	5 U
75-25-2	Bromoform	5 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	10 U
127-18-4	Tetrachloroethene	32
79-34-5	1,1,2,2-Tetrachloroethane	5 U
108-88-3	Toluene	5 U
108-90-7	Chlorobenzene	5 U
100-41-4	Ethylbenzene	5 U
100-42-5	Styrene	5 U
1330-20-7	Xylene (total)	5 U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134485

Sample wt/vol: 2.0 (g/mL) G Lab File ID: V403119013

Level: (low/med) LOW Date Received: 03/06/90

% Moisture: not dec. _____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	25	U
75-09-2	Methylene Chloride	124 ~~5~~	B
67-64-1	Acetone	254 ~~6~~	B
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	240	
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	340	
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	96	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	124 ~~1~~	B
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134485

Sample wt/vol: 2.0 (g/mL) G Lab File ID: V403119013

Level: (low/med) LOW Date Received: 03/06/90

% Moisture: not dec. _____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	25	U
74-83-9	Bromomethane	25	U
75-01-4	Vinyl Chloride	25	U
75-00-3	Chloroethane	25	U
75-09-2	Methylene Chloride	12U ~~5~~	[redacted]
67-64-1	Acetone	25U ~~6~~	[redacted]
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	240	
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
108-05-4	Vinyl Acetate	25	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	340	
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	96	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12U ~~1~~	[redacted]
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202A

b Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134487

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119015

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. _____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5U ~~1~~	[redacted]
67-64-1	Acetone	10U ~~7~~	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	12	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	40	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	84	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202A

b Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134487

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119015

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. ____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5U 1	[redacted]
67-64-1	Acetone	10U 7	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	12	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	40	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	84	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134488

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119016

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. _____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5u	
67-64-1	Acetone	10u	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	J
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	32	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	98	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-4

Matrix: (soil/water) SOIL Lab Sample ID: P134488

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403119016

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. _____ Date Analyzed: 03/12/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5u ~~1~~	
67-64-1	Acetone	10u ~~2~~	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	J
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	32	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	98	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134729

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189004

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. _____ Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5U ~~1~~	
67-64-1	Acetone	11 U	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	6	
67-66-3	Chloroform	6U ~~1~~	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	7	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	UJ
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	42	
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-88-3	Toluene	5	UJ
108-90-7	Chlorobenzene	5	UJ
100-41-4	Ethylbenzene	5	UJ
100-42-5	Styrene	5	UJ
1330-20-7	Xylene (total)	5	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-5

Matrix: (soil/water) SOIL Lab Sample ID: P134729

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V403189004

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. ____ Date Analyzed: 03/18/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5U ~~1~~	[redacted]
67-64-1	Acetone	11U	[redacted]
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	6	
67-66-3	Chloroform	6U ~~1~~	[redacted]
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UJ
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	7	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	UJ
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	42	
79-34-5	1,1,2,2-Tetrachloroethane	5	UJ
108-88-3	Toluene	5	UJ
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	UJ
100-42-5	Styrene	5	UJ
1330-20-7	Xylene (total)	5	UJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB207A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135083

Sample wt/vol: 0.50 (g/mL) G Lab File ID: VIA03209006

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. _____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	60 U	
67-64-1	Acetone	100 U ~~24~~	
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	110	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1400	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50 U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB207A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135083

Sample wt/vol: 0.50 (g/mL) G Lab File ID: VIA03209006

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. _____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	60	U
67-64-1	Acetone	100 U ~~24~~	
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	110	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1400	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50 U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135085

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209008

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. ____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6 U	~~B~~
67-64-1	Acetone	10U ~~1~~	~~BJ~~
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	5U ~~4~~	~~J~~
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	20	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	46	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135085

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209008

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. _____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	U ~~B~~
67-64-1	Acetone	10U ~~1~~	~~BJ~~
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	5U ~~4~~	~~J~~
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	20	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	46	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB210A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135086

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209009

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. _____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6 U	~~B~~
67-64-1	Acetone	10 U ~~7~~	~~BJ~~
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	13 U	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	8	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	33 U	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB210A

Lab Name: NUS-LSG Contract: _____

Lab Code: NUS Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB-7

Matrix: (soil/water) SOIL Lab Sample ID: P135086

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VIA03209009

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. _____ Date Analyzed: 03/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	10 U ~~7~~	~~BJ~~
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	13 U	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	8	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	33 U	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VF03219007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. ____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	24	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	24	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB212A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219011

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	100	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	~~U~~ R
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1000	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	110	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB212A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219011

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	100	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	~~U~~ R
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1000	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	110	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213A
PEO 10/91

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VF03219003

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	~~U~~R
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1300	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	120	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213A

PEO 10/91

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219003

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	~~U~~R
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1300	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	120	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219004

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	UR
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1000	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	110	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219004

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. _____ Date Analyzed: 03/21/90

Column: (pack/cap) PACKED Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	UR
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	1000	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	110	
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219016

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 2.99

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	30	U
74-83-9	Bromomethane	30	U
75-01-4	Vinyl Chloride	30	U
75-00-3	Chloroethane	30	U
75-09-2	Methylene Chloride	15	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (total)	410	
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	30	~~UJ~~ R
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
108-05-4	Vinyl Acetate	30	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	26	
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-Pentanone	30	U
591-78-6	2-Hexanone	30	U
127-18-4	Tetrachloroethene	32	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-88-3	Toluene	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Xylene (total)	15	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219016

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 2.99

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	30	U
74-83-9	Bromomethane	30	U
75-01-4	Vinyl Chloride	30	U
75-00-3	Chloroethane	30	U
75-09-2	Methylene Chloride	15	U
67-64-1	Acetone	30	U
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (total)	410	
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	30	~~U~~ R
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
108-05-4	Vinyl Acetate	30	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	26	
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-Pentanone	30	U
591-78-6	2-Hexanone	30	U
127-18-4	Tetrachloroethene	32	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-88-3	Toluene	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Xylene (total)	15	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VF03219014

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	37	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	UJ
67-66-3	Chloroform	26	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~
71-55-6	1,1,1-Trichloroethane	8	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	14	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	65	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03219014

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. ____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	37	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	UJ
67-66-3	Chloroform	26	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~
71-55-6	1,1,1-Trichloroethane	8	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	14	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	65	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120915

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229001

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. ____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8	J
67-66-3	Chloroform	28	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	140	J
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	14	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	UJ
591-78-6	2-Hexanone	10	UJ
127-18-4	Tetrachloroethene	71	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120915

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 2VP03229001

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. _____ Date Analyzed: 03/22/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	8 J	
67-66-3	Chloroform	28 U	
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	140 J	
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	14	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	UJ
591-78-6	2-Hexanone	10	UJ
127-18-4	Tetrachloroethene	71	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03239001

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. ____ Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	5U ~~1~~	[redacted]
67-64-1	Acetone	65	[redacted]
75-15-0	Carbon Disulfide	5	UJ
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6	[redacted]U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	19	[redacted]
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	UJ
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	7	[redacted]
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5U ~~3~~	[redacted]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	2	[redacted]J
591-78-6	2-Hexanone	2	[redacted]J
127-18-4	Tetrachloroethene	43	[redacted]
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 3VP03239001

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. ____ Date Analyzed: 03/23/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	UJ
75-09-2	Methylene Chloride	5U ~~1~~	[redacted]
67-64-1	Acetone	65	[redacted]
75-15-0	Carbon Disulfide	5	UJ
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	6	[redacted]U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	19	[redacted]
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	UJ
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	7	[redacted]
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5U ~~3~~	[redacted]
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	2	[redacted]J
591-78-6	2-Hexanone	2	[redacted]J
127-18-4	Tetrachloroethene	43	[redacted]
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G
T~~S~~WSB221A
PEO 10/91

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03279009

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. ____ Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	11	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	74	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	79	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	UJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

G
T~~S~~WSB221A
PEO 10/91

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: _____ SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 6VP03279009

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. ____ Date Analyzed: 03/27/90

Column: (pack/cap) PACKED Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	0	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	11	
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	74	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	79	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	UJ

APPENDIX B-8

SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - PLATING SHOP

APPENDIX B-8

SEMIVOLATILE ORGANIC COMPOUNDS IN GROUNDWATER - PLATING SHOP

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TABLE B-8

SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroethyl)ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzyl Alcohol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroisopropyl)ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-n-dipropylamine	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitrophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzoic Acid	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Bis(2-Chloroethoxy)methane	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

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TABLE B-8

SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroethyl)ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzyl Alcohol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroisopropyl)ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-n-dipropylamine	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitrophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzoic Acid	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Bis(2-Chloroethoxy)methane	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

R476911

TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2-Chloronaphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dimethylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Acenaphthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Nitrophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dibenzofuran	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrotoluene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chlorophenyl-phenyl ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluorene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 UJ
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600
N-nitrosodiphenylamine	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Bromophenyl-phenylether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
(a) Target compound list for semi-volatile organic compounds.

R476911

TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2-Chloronaphthalene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dimethylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Acenaphthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Nitrophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dibenzofuran	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrotoluene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chlorophenyl-phenyl ether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluorene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 UJ
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600
N-nitrosodiphenylamine	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Bromophenyl-phenylether	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	50 U	50 U	50 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

R479911

TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenanthrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-butylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pyrene	10 U	10 U	2 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butylbenzylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U
Benzo(a)anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzo(1,h)anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

R476911

TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-MW155A MW-155 µg/L	T-GW-MW156A MW-156 µg/L	T-GW-MW157A MW-157 µg/L	T-GW-SB201A SB201 µg/kg	T-GW-SB202A SB202 µg/kg	T-GW-SB202X SB202 µg/kg	T-GW-SB203A SB203 µg/kg	T-GW-SB207A SB207 µg/kg	T-GW-SB209A SB209 µg/kg	T-GW-SB210A SB210 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenanthrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-butylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pyrene	10 U	10 U	2 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butylbenzylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U
Benzo(a)anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Ethylhexyl)phthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octylphthalate	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzo(1,h)anthracene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
(a) Target compound list for semi-volatile organic compounds.

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TABLE B-8

SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FOUR

Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroethyl)ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzyl Alcohol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroisopropyl)ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-n-dipropylamine	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitrophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzoic Acid	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Bis(2-Chloroethoxy)methane	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2,4-Trichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
(a) Target compound list for semi-volatile organic compounds.

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TABLE B-8

SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroethyl)ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzyl Alcohol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Chloroisopropyl)ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-n-dipropylamine	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitrophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzoic Acid	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Bis(2-Chloroethoxy)methane	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2,4-Trichlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol (para-chloro-meta-cresol)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

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TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2-Chloronaphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dimethylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Acenaphthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Nitrophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dibenzofuran	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrotoluene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chlorophenyl-phenyl ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluorene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4,6-Dinitro-2-methylphenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
N-nitrosodiphenylamine	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Bromophenyl-phenylether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

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TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE FIVE

Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
2-Methylnaphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2-Chloronaphthalene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dimethylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Acenaphthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Nitrophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Dibenzofuran	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrotoluene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chlorophenyl-phenyl ether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluorene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4,6-Dinitro-2-methylphenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
N-nitrosodiphenylamine	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Bromophenyl-phenylether	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U

Data Qualifier Legend

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NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

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TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
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Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenanthrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	330 U	330 U	330 U	330 U	24 J	41 J	330 U	330 U	330 U	330 U
Di-n-butylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butylbenzylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U
Benzo(a)anthracene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Ethylhexyl)phthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzo(1,h)anthracene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
(a) Target compound list for semi-volatile organic compounds.

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TABLE B-8
SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER
PLATING SHOP-BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE SIX

Sample Number Location Units	T-GW-SB211A SB211 µg/kg	T-GW-SB212A SB212 µg/kg	T-GW-SB213A SB213 µg/kg	T-GW-SB213X SB213 µg/kg	T-GW-SB214A SB214 µg/kg	T-GW-SB215A SB215 µg/kg	T-GW-SB215X SB215 µg/kg	T-GW-SB217A SB217 µg/kg	T-GW-SB218A SB218 µg/kg	T-GW-SB221A SB221 µg/kg
Semi-Volatile Organic Compounds[a]										
Phenanthrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	330 U	330 U	330 U	330 U	24 J	41 J	330 U	330 U	330 U	330 U
Di-n-butylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butylbenzylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U	660 U
Benzo(a)anthracene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Bis(2-Ethylhexyl)phthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-octylphthalate	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzo(1,h)anthracene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed.
R - The data are unusable. (Note: Analyte may or may not be present).
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.

Sample Number Legend

A - First sampling event - March 6, 1990 to March 23, 1990 (i.e., SB201A).
X - Duplicate sample (i.e, SB201X).
[a] Target compound list for semi-volatile organic compounds.

B

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI55A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120322

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BF04039003

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI55A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120322

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039003

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.00

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI55A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120322

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039003

Level: (low/med) LOW Date Received: 03/13/90

%-Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI55A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120322

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039003

Level: (low/med) LOW Date Received: 03/13/90

%-Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI56A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120325

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039006

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI56A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120325

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039006

Level: (low/med) LOW Date Received: 03/13/90

%-Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI56A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120325

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039006

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	0
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMWI56A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB6

Matrix: (soil/water) WATER Lab Sample ID: H120325

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04039006

Level: (low/med) LOW Date Received: 03/13/90

% Moisture: not dec. dec. Date Extracted: 03/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04129013

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. dec. Date Extracted: 03/30/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04129013

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. dec. Date Extracted: 03/30/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04129013

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. dec. Date Extracted: 03/30/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	2	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWMW157A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix: (soil/water) WATER Lab Sample ID: H121309

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 5BP04129013

Level: (low/med) LOW Date Received: 03/26/90

% Moisture: not dec. dec. Date Extracted: 03/30/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 04/12/90

GPC Cleanup: (Y/N) N pH: 6.9 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	2	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

B

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119868

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119868

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119868

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB201A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119868

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319006

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.4 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119870

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119870

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TGWSB202A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119870

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TGWSB202A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119870

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319008

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB202X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB4

Matrix: (soil/water) SOIL Lab Sample ID: H119871

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP03319009

Level: (low/med) LOW Date Received: 03/08/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 03/31/90

GPC Cleanup: (Y/N) N pH: 7.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120289

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019008

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120289

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019008

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120289

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019008

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB203A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB5

Matrix: (soil/water) SOIL Lab Sample ID: H120289

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04019008

Level: (low/med) LOW Date Received: 03/10/90

% Moisture: not dec. dec. Date Extracted: 03/15/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/01/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TGWSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120469

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

TGWSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120469

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120469

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB207A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120469

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039010

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120471

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120471

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120471

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB209A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120471

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039012

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 4127-47-3	CYCLOPROPANE, 1,1,2,2-TETRAM	6.42	180	J
2. 4032-93-3	HEPTANE, 2,3,6-TRIMETHYL-	7.30	200	J
3.	ALDOL CONDENSATION PRODUCT	7.48	3600	A
4. 3074-71-3	HEPTANE, 2,3-DIMETHYL-	7.83	160	BJ
5. 921-47-1	HEXANE, 2,3,4-TRIMETHYL-	8.00	190	BJ
6. 111-76-2	ETHANOL, 2-BUTOXY-	8.95	1200	BJ
7. 20019-64-1	2(5H)-FURANONE, 5,5-DIMETHYL	9.85	160	BJ
8. 74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	20.29	400	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TGWSB210A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB7

Matrix: (soil/water) SOIL Lab Sample ID: H120472

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04039013

Level: (low/med) LOW Date Received: 03/15/90

% Moisture: not dec. dec. Date Extracted: 03/19/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/03/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.000

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 8

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 4127-47-3	CYCLOPROPANE, 1,1,2,2-TETRAM	6.42	180	J
2. 4032-93-3	HEPTANE, 2,3,6-TRIMETHYL-	7.30	200	J
3.	ALDOL CONDENSATION PRODUCT	7.48	3600	A
4. 3074-71-3	HEPTANE, 2,3-DIMETHYL-	7.83	160	BJ
5. 921-47-1	HEXANE, 2,3,4-TRIMETHYL-	8.00	190	BJ
6. 111-76-2	ETHANOL, 2-BUTOXY-	8.95	1200	BJ
7. 20019-64-1	2(5H)-FURANONE, 5,5-DIMETHYL	9.85	160	BJ
8. 74381-40-1	PROPANOIC ACID, 2-METHYL-, 1	20.29	400	J

B

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

B 1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG 0

CAS NO.	COMPOUND		
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120850

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069007

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211~~B~~A

~~PSO~~ 1C

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211~~3~~A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB211B

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120851

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069008

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069005

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069005

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069005

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120848

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069005

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069006

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069006

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB8

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069006

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB213X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFBB

Matrix: (soil/water) SOIL Lab Sample ID: H120849

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04069006

Level: (low/med) LOW Date Received: 03/20/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/06/90

GPC Cleanup: (Y/N) N pH: 7.2 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109006

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109006

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109006

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	24	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB214A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120914

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109006

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	24	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109005

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109005

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109005

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	41	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120913

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109005

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	41	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

ame: NUS HOUSTON Contract: 4M410

ode: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

x: (soil/water) SOIL Lab Sample ID: H120915

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109008

(low/med) LOW Date Received: 03/21/90

ture: not dec. dec. Date Extracted: 03/22/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

leanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

ame: NUS HOUSTON Contract: 4M410

ode: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

x: (soil/water) SOIL Lab Sample ID: H120915

wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109008

(low/med) LOW Date Received: 03/21/90

ture: not dec. dec. Date Extracted: 03/22/90

tion: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

leanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120915

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109008

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB215X

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H120915

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04109008

Level: (low/med) LOW Date Received: 03/21/90

% Moisture: not dec. dec. Date Extracted: 03/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119002

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119002

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	0
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119002

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB217A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB9

Matrix: (soil/water) SOIL Lab Sample ID: H121020

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04119002

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 03/27/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121080

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04169018

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 04/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/17/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121080

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP041690I5

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 04/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/17/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSR218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121080

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04169018

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 04/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/17/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB218A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121080

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04169018

Level: (low/med) LOW Date Received: 03/22/90

% Moisture: not dec. dec. Date Extracted: 04/16/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/17/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB221A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139007

Level: (low/med) LOW Date Received: 03/24/90

Moisture: not dec. dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB221A

Name: NUS HOUSTON Contract: 4M410

Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139007

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl Alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)Ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB221A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP04139007

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TGWSB221A

Lab Name: NUS HOUSTON Contract: 4M410

Lab Code: NUS-HAL Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix: (soil/water) SOIL Lab Sample ID: H121263

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5BP0413900T

Level: (low/med) LOW Date Received: 03/24/90

% Moisture: not dec. dec. Date Extracted: 03/28/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/13/90

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-Methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

APPENDIX B-9

INORGANICS IN GROUNDWATER - PLATING SHOP

APPENDIX B-9

INORGANICS IN GROUNDWATER - PLATING SHOP

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TABLE B-9

INORGANICS IN GROUNDWATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 mg/kg	T-GW-SB202A SB202 mg/kg	T-GW-SB202X SB203 mg/kg	T-GW-SB203A SB203 mg/kg	T-GW-SB207A SB207 mg/kg	T-GW-SB209A SB209 mg/kg	T-GW-SB210A SB210 mg/kg
Aluminum	762	35.0 U	20.9 U	539	889	849	67.9	390 J	153 J	9.8 U
Antimony	5.3 U	5.3 U	5.3 U	1.0 UJ	0.96 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.9 UJ
Arsenic	2.1	5.7	1.7	0.27 UJ	0.28 UJ	0.28 UJ	0.27 U	0.27 U	0.28 U	0.27 U
Barium	191	130	479 U	42.4 J	20.8 J	14.1 J	3.4 U	3.4 U	15.4 J	3.4 U
Beryllium	1.5 U	1.5 U	1.5 U	0.29 U	0.27 U	0.30 U	0.88 U	0.30 U	0.30 U	0.29 U
Cadmium	5.2 U	3.6 U	2.9 U	0.56 U	0.52 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Calcium	58,300	22,900	138,000 U	174 J	325 J	216 J	54.5 U	151 U	146 U	19.9 U
Chromium	7.6 U	7.6 U	8,620	1.5 U	2.5 J	1.5 U	1.5 U	1.5 UJ	6.5 J	1.5 UJ
Cobalt	10.0 U	9.9 U	29.1	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Copper	8.6	6.1 U	13.5 U	1.7 U	1.4 U	1.8 U	1.4	2.1 U	2.3 U	1.2 U
Iron	185 U	30.0 U	262	786	1,330	1,050	78.5	489	155	6.4 U
Lead	4.9 U	2.0 U	1.1 U	0.40 J	0.63 J	0.34 J	0.14 UJ	0.27	0.51 U	1.0 U
Magnesium	27,400	11,700	51,300 U	284	423	358	139	310 U	242 U	178 U
Manganese	70.8	75.6	919	9.9 J	23.5 J	16.0 J	5.2	8.4	15.5	0.72 U
Mercury	0.20 U	0.10 U	1.2J	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	10.3	9.8 U	90.2	1.9 U	2.6	2.2	1.9 U	2.0 U	2.6 U	1.9 U
Potassium	1,240	1,390	1,250 U	127	222	217	15.8 U	83.1	45.5	15.7 U
Selenium	2.6	2.0 U	3.7	0.38 UJ	0.39 UJ	0.40 UJ	0.39 UJ	0.39 UJ	0.40 UJ	0.39 UJ
Silver	7.4 U	7.4 U	7.4 UJ	1.4 UJ	1.5 UJ	1.5 UJ	1.4 U	1.4 UJ	1.5 UJ	1.5 UJ
Sodium	98,100	188,000	130,000	125	78.6 U	109	112 U	283 U	188 U	111 U
Thallium	1.3 U	1.3 U	1.3 U	0.25 U	0.26 U	0.26	0.25 U	0.25 U	0.26 U	0.25 U
Vanadium	16.5	11.3	6.5 U	1.2 U	1.7	1.3	1.3 U	1.3 U	1.3 U	1.3 U
Zinc	481	36.1 U	41.5	4.1 U	3.0	20 U	1.4 U	2.4 U	2.7 U	1.4 U
Cyanide	228 U	228 U	228 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.22 U	0.23 U	0.22 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-9

INORGANICS IN GROUNDWATER(a)
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Location Units	T-GW-MWI55A MW-I55 µg/L	T-GW-MWI56A MW-I56 µg/L	T-GW-MWI57A MW-I57 µg/L	T-GW-SB201A SB201 mg/kg	T-GW-SB202A SB202 mg/kg	T-GW-SB202X SB203 mg/kg	T-GW-SB203A SB203 mg/kg	T-GW-SB207A SB207 mg/kg	T-GW-SB209A SB209 mg/kg	T-GW-SB210A SB210 mg/kg
Aluminum	762	35.0 U	20.9 U	539	889	849	67.9	390 J	153 J	9.8 U
Antimony	5.3 U	5.3 U	5.3 U	1.0 UJ	0.96 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.9 UJ
Arsenic	2.1	5.7	1.7	0.27 UJ	0.28 UJ	0.28 UJ	0.27 U	0.27 U	0.28 U	0.27 U
Barium	191	130	479 U	42.4 J	20.8 J	14.1 J	3.4 U	3.4 U	15.4 J	3.4 U
Beryllium	1.5 U	1.5 U	1.5 U	0.29 U	0.27 U	0.30 U	0.88 U	0.30 U	0.30 U	0.29 U
Cadmium	5.2 U	3.6 U	2.9 U	0.56 U	0.52 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Calcium	58,300	22,900	138,000 U	174 J	325 J	216 J	54.5 U	151 U	146 U	19.9 U
Chromium	7.6 U	7.6 U	8,620	1.5 U	2.5 J	1.5 U	1.5 U	1.5 UJ	6.5 J	1.5 UJ
Cobalt	10.0 U	9.9 U	29.1	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Copper	8.6	6.1 U	13.5 U	1.7 U	1.4 U	1.8 U	1.4	2.1 U	2.3 U	1.2 U
Iron	185 U	30.0 U	262	786	1,330	1,050	78.5	489	155	6.4 U
Lead	4.9 U	2.0 U	1.1 U	0.40 J	0.63 J	0.34 J	0.14 UJ	0.27	0.51 U	1.0 U
Magnesium	27,400	11,700	51,300 U	284	423	358	139	310 U	242 U	178 U
Manganese	70.8	75.6	919	9.9 J	23.5 J	16.0 J	5.2	8.4	15.5	0.72 U
Mercury	0.20 U	0.10 U	1.2J	0.05 UJ	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	10.3	9.8 U	90.2	1.9 U	2.6	2.2	1.9 U	2.0 U	2.6 U	1.9 U
Potassium	1,240	1,390	1,250 U	127	222	217	15.8 U	83.1	45.5	15.7 U
Selenium	2.6	2.0 U	3.7	0.38 UJ	0.39 UJ	0.40 UJ	0.39 UJ	0.39 UJ	0.40 UJ	0.39 UJ
Silver	7.4 U	7.4 U	7.4 UJ	1.4 UJ	1.5 UJ	1.5 UJ	1.4 U	1.4 UJ	1.5 UJ	1.5 UJ
Sodium	98,100	188,000	130,000	125	78.6 U	109	112 U	283 U	188 U	111 U
Thallium	1.3 U	1.3 U	1.3 U	0.25 U	0.26 U	0.26	0.25 U	0.25 U	0.26 U	0.25 U
Vanadium	16.5	11.3	6.5 U	1.2 U	1.7	1.3	1.3 U	1.3 U	1.3 U	1.3 U
Zinc	481	36.1 U	41.5	4.1 U	3.0	20 U	1.4 U	2.4 U	2.7 U	1.4 U
Cyanide	228 U	228 U	228 U	0.23 U	0.23 U	0.23 U	0.23 UJ	0.22 U	0.23 U	0.22 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-9

INORGANICS IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-SB211A SB211 mg/kg	T-GW-SB212A SB212 mg/kg	T-GW-SB213A SB213 mg/kg	T-GW-SB213X SB213 mg/kg	T-GW-SB214A SB214 mg/kg	T-GW-SB215A SB215 mg/kg	T-GW-SB215X SB215 mg/kg
Aluminum	239 J	220 J	523 J	462 J	107	514	346
Antimony	1.0 UR	1.9 U	1.0 UR	4.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	0.28 UJ	0.27 UJ	0.28 UJ	0.28 UJ	0.28 U	0.28 U	0.28 U
Barium	85.5 J	8.9 J	27.1 J	26.1 J	127 J	3.8 J	3.4 U
Beryllium	0.43 U	0.57 U	0.45 U	0.52 U	0.30 U	0.30 U	0.30 U
Cadmium	0.57 U	0.57 U	0.56 U	0.58 U	0.58 U	0.58 U	0.58 U
Calcium	761	571	232	235	153 J	645 J	584 J
Chromium	2.5 U	283 J	6.2 U	5.3 U	1.5 U	1.5 U	1.5 U
Cobalt	2.7	1.2 U	1.2 U	1.2 U	2.3 U	2.2 U	1.2 U
Copper	2.4	1.2 U	1.5	2.8	1.2 U	1.2 U	1.2 U
Iron	413	209 J	423 J	403 J	169 J	836 J	472 J
Lead	0.48 J	0.14 U	0.77 J	0.22 J	0.14 U	0.34	0.28
Magnesium	344 U	399 U	329 U	359 U	177	578	379
Manganese	21.2 J	15.1 J	20.5 J	22.3 J	45.1 J	38.8 J	31.6 J
Mercury	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0	2.0 U
Potassium	98.7 U	98.2 U	130 U	117 U	49.9 U	109 U	85.6 U
Selenium	0.40 UJ	0.39 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.40 UJ
Silver	1.5 UJ	1.4 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
Sodium	85.9 U	85.4 U	84.3 U	86.3 U	196 U	86.3 U	89.6 U
Thallium	0.26 UJ	0.25 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ
Vanadium	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Zinc	4.6 U	13.4 J	11.6 U	35.7 J	0.64 U	2.9 U	1.4 U
Cyanide	0.22 UJ	0.22 UJ	0.23 UJ	0.22 UJ	0.22 U	0.23 U	0.22 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-9

INORGANICS IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Location Units	T-GW-SB211A SB211 mg/kg	T-GW-SB212A SB212 mg/kg	T-GW-SB213A SB213 mg/kg	T-GW-SB213X SB213 mg/kg	T-GW-SB214A SB214 mg/kg	T-GW-SB215A SB215 mg/kg	T-GW-SB215X SB215 mg/kg
Aluminum	239 J	220 J	523 J	462 J	107	514	346
Antimony	1.0 UR	1.9 U	1.0 UR	4.1 U	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	0.28 UJ	0.27 UJ	0.28 UJ	0.28 UJ	0.28 U	0.28 U	0.28 U
Barium	85.5 J	8.9 J	27.1 J	26.1 J	127 J	3.8 J	3.4 U
Beryllium	0.43 U	0.57 U	0.45 U	0.52 U	0.30 U	0.30 U	0.30 U
Cadmium	0.57 U	0.57 U	0.56 U	0.58 U	0.58 U	0.58 U	0.58 U
Calcium	761	571	232	235	153 J	645 J	584 J
Chromium	2.5 U	283 J	6.2 U	5.3 U	1.5 U	1.5 U	1.5 U
Cobalt	2.7	1.2 U	1.2 U	1.2 U	2.3 U	2.2 U	1.2 U
Copper	2.4	1.2 U	1.5	2.8	1.2 U	1.2 U	1.2 U
Iron	413	209 J	423 J	403 J	169 J	836 J	472 J
Lead	0.48 J	0.14 U	0.77 J	0.22 J	0.14 U	0.34	0.28
Magnesium	344 U	399 U	329 U	359 U	177	578	379
Manganese	21.2 J	15.1 J	20.5 J	22.3 J	45.1 J	38.8 J	31.6 J
Mercury	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nickel	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0	2.0 U
Potassium	98.7 U	98.2 U	130 U	117 U	49.9 U	109 U	85.6 U
Selenium	0.40 UJ	0.39 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.40 UJ
Silver	1.5 UJ	1.4 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
Sodium	85.9 U	85.4 U	84.3 U	86.3 U	196 U	86.3 U	89.6 U
Thallium	0.26 UJ	0.25 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ
Vanadium	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Zinc	4.6 U	13.4 J	11.6 U	35.7 J	0.64 U	2.9 U	1.4 U
Cyanide	0.22 UJ	0.22 UJ	0.23 UJ	0.22 UJ	0.22 U	0.23 U	0.22 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B).
X - Duplicate sample (i.e., SB202X).

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TABLE B-9

INORGANICS IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-SB217A SB217 mg/kg	T-GW-SB218A SB218 mg/kg	T-GW-SB221A SB221 mg/kg
Aluminum	442	464 J	251
Antimony	1.1 UJ	1.00 U	1.0 U
Arsenic	0.44	0.26 U	0.26 U
Barium	9.6 J	111	19.3
Beryllium	0.30 U	0.28 U	0.29 U
Cadmium	0.58 U	0.55 U	0.70 U
Calcium	853 J	600	428
Chromium	1.5 U	1.4 U	1.4 U
Cobalt	6.9	1.5 U	1.3 U
Copper	1.2 U	1.5 U	3.2 U
Iron	750 J	760 J	398
Lead	0.52	6.7	0.32
Magnesium	671	335 U	308 U
Manganese	27.7 J	73.1	24.2 J
Mercury	0.05 U	0.05 U	0.05 U
Nickel	2.0 U	2.8	2.0
Potassium	134 U	99.9 U	66.5 U
Selenium	0.40 J	0.37 U	0.38 U
Silver	1.5 UJ	1.4 UJ	1.4 UJ
Sodium	86.9 U	243 U	139 U
Thallium	0.26 UJ	0.24 U	0.25 U
Vanadium	2.2	1.2 U	1.2 U
Zinc	1.6 U	3.0 U	1.2 U
Cyanide	0.23 U	0.22 U	0.23 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B)
X - Duplicate sample (i.e., SB202X).

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TABLE B-9

INORGANICS IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Location Units	T-GW-SB217A SB217 mg/kg	T-GW-SB218A SB218 mg/kg	T-GW-SB221A SB221 mg/kg
Aluminum	442	464 J	251
Antimony	1.1 UJ	1.00 U	1.0 U
Arsenic	0.44	0.26 U	0.26 U
Barium	9.6 J	111	19.3
Beryllium	0.30 U	0.28 U	0.29 U
Cadmium	0.58 U	0.55 U	0.70 U
Calcium	853 J	600	428
Chromium	1.5 U	1.4 U	1.4 U
Cobalt	6.9	1.5 U	1.3 U
Copper	1.2 U	1.5 U	3.2 U
Iron	750 J	760 J	398
Lead	0.52	6.7	0.32
Magnesium	671	335 U	308 U
Manganese	27.7 J	73.1	24.2 J
Mercury	0.05 U	0.05 U	0.05 U
Nickel	2.0 U	2.8	2.0
Potassium	134 U	99.9 U	66.5 U
Selenium	0.40 J	0.37 U	0.38 U
Silver	1.5 UJ	1.4 UJ	1.4 UJ
Sodium	86.9 U	243 U	139 U
Thallium	0.26 UJ	0.24 U	0.25 U
Vanadium	2.2	1.2 U	1.2 U
Zinc	1.6 U	3.0 U	1.2 U
Cyanide	0.23 U	0.22 U	0.23 U

Data Qualifier Legend

J - The associated numerical value is an estimated quantity.
NA - Not analyzed
R - The data are unusable. (Note: Analyte may or may not be present.)
U - The compound was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
UJ - The compound was not detected. The associated value is an estimate and may be inaccurate.
(a) Target compound list for inorganics. Samples collected from March 6, 1990 to March 23, 1990.

Sample Number Legend

A - First sampling event (i.e., SB201A).
B - Second sampling event (i.e., SB201B)
X - Duplicate sample (i.e., SB202X).

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TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Date Collected	T-GW-MWI55A MW-I55[a] 03/11/90	T-GW-MWI56A MW-I56[a] 03/11/90	T-GW-MWI57A MW-I57[a] 03/23/90	T-GW-SB201A SB201[b] 03/06/90	T-GW-SB202A SB202[b] 03/07/90	T-GW-SB202X SB202[b] 03/07/90	T-GW-SB203A SB203[b] 03/08/90	T-GW-SB207A SB207[b] 03/12/90	T-GW-SB209A SB209[b] 03/12/90	T-GW-SB210A SB210[b] 03/14/90
Aluminum	762	--	--	--	--	NA	67.9	390	153	--
Antimony	--	--	--	--	--	NA	--	--	--	--
Arsenic	2.1	5.7	1.7	--	--	NA	--	--	0.28	--
Barium	191	130	--	--	--	NA	--	--	15.4J	--
Beryllium	--	--	--	--	--	NA	--	--	--	--
Cadmium	--	--	--	--	--	NA	--	--	--	--
Calcium	58,300	22,900	--	--	--	NA	--	--	--	--
Chromium	--	--	8,620	--	2.5J	NA	--	--	6.5J	--
Cobalt	--	--	29.1	--	--	NA	--	--	--	--
Copper	8.6	--	--	--	--	NA	1.4	--	--	--
Iron	--	--	262	--	--	NA	78.5	489	155	--
Lead	--	--	1.1	--	--	NA	--	--	--	--
Magnesium	27,400	11,700	--	--	--	NA	139	--	--	--
Manganese	70.8	75.6	919	--	--	NA	5.2J	8.4	15.5	--
Mercury	--	--	1.2J	--	--	NA	--	--	--	--
Nickel	10.3	--	90.2	--	--	NA	--	--	--	--
Potassium	1,240	1,390	--	--	--	NA	--	83.1	45.5	--
Selenium	2.6	--	3.7	--	--	NA	--	--	--	--
Silver	--	--	--	--	--	NA	--	--	--	--
Sodium	98,100	188,000	130,000	--	--	NA	--	--	--	--
Thallium	--	--	--	--	--	NA	--	--	--	--
Vanadium	16.5	11.3	--	--	1.7	NA	--	--	--	--
Zinc	481	--	41.5	--	--	NA	--	--	--	--
Cyanide	--	--	--	--	--	NA	--	--	--	--

(a) Results reported in µg/L.
(b) Results reported in mg/kg.

TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA

Sample Number Depth (ft) Date Collected	T-GW-MWI55A MW-I55[a] 03/11/90	T-GW-MWI56A MW-I56[a] 03/11/90	T-GW-MWI57A MW-I57[a] 03/23/90	T-GW-SB201A SB201[b] 03/06/90	T-GW-SB202A SB202[b] 03/07/90	T-GW-SB202X SB202[b] 03/07/90	T-GW-SB203A SB203[b] 03/08/90	T-GW-SB207A SB207[b] 03/12/90	T-GW-SB209A SB209[b] 03/12/90	T-GW-SB210A SB210[b] 03/14/90
Aluminum	762	--	--	--	--	NA	67.9	390	153	--
Antimony	--	--	--	--	--	NA	--	--	--	--
Arsenic	2.1	5.7	1.7	--	--	NA	--	--	0.28	--
Barium	191	130	--	--	--	NA	--	--	15.4J	--
Beryllium	--	--	--	--	--	NA	--	--	--	--
Cadmium	--	--	--	--	--	NA	--	--	--	--
Calcium	58,300	22,900	--	--	--	NA	--	--	--	--
Chromium	--	--	8,620	--	2.5J	NA	--	--	6.5J	--
Cobalt	--	--	29.1	--	--	NA	--	--	--	--
Copper	8.6	--	--	--	--	NA	1.4	--	--	--
Iron	--	--	262	--	--	NA	78.5	489	155	--
Lead	--	--	1.1	--	--	NA	--	--	--	--
Magnesium	27,400	11,700	--	--	--	NA	139	--	--	--
Manganese	70.8	75.6	919	--	--	NA	5.2J	8.4	15.5	--
Mercury	--	--	1.2J	--	--	NA	--	--	--	--
Nickel	10.3	--	90.2	--	--	NA	--	--	--	--
Potassium	1,240	1,390	--	--	--	NA	--	83.1	45.5	--
Selenium	2.6	--	3.7	--	--	NA	--	--	--	--
Silver	--	--	--	--	--	NA	--	--	--	--
Sodium	98,100	188,000	130,000	--	--	NA	--	--	--	--
Thallium	--	--	--	--	--	NA	--	--	--	--
Vanadium	16.5	11.3	--	--	1.7	NA	--	--	--	--
Zinc	481	--	41.5	--	--	NA	--	--	--	--
Cyanide	--	--	--	--	--	NA	--	--	--	--

(a) Results reported in µg/L.
(b) Results reported in mg/kg.

TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Date Collected	T-GW-SB211A SB211[b] 03/17/90	T-GW-SB212A SB212[b] 03/18/90	T-GW-SB213A SB213[b] 03/18/90	T-GW-SB213X SB213[b] 03/19/90	T-GW-SB214A SB214[b] 03/19/90	T-GW-SB215A SB215[b] 03/19/90	T-GW-SB215X SB215[b] 03/19/90
Aluminum	239J	220J	523J	462J	107	514	346
Antimony	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--
Barium	85.5J	8.9J	27.1J	26.1J	127J	3.8J	--
Beryllium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Calcium	761	571	232	235	153J	645J	584J
Chromium	--	283J	--	--	--	--	--
Cobalt	2.7	--	--	--	--	--	--
Copper	2.4	--	1.5	2.8	--	--	--
Iron	413J	209J	423J	403J	169J	836J	472J
Lead	0.48J	--	0.77J	0.22J	--	0.34	0.28
Magnesium	--	--	--	--	177	578	379
Manganese	21.2J	15.1J	20.5J	22.3J	45.1J	38.8J	31.6J
Mercury	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	2.0	--
Potassium	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--
Zinc	--	13.4J	--	35.7J	--	--	--
Cyanide	--	--	--	--	--	--	--

(a) Results reported in µg/L.
(b) Results reported in mg/kg.

TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE TWO

Sample Number Depth (ft) Date Collected	T-GW-SB211A SB211[b] 03/17/90	T-GW-SB212A SB212[b] 03/18/90	T-GW-SB213A SB213[b] 03/18/90	T-GW-SB213X SB213[b] 03/19/90	T-GW-SB214A SB214[b] 03/19/90	T-GW-SB215A SB215[b] 03/19/90	T-GW-SB215X SB215[b] 03/19/90
Aluminum	239J	220J	523J	462J	107	514	346
Antimony	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--
Barium	85.5J	8.9J	27.1J	26.1J	127J	3.8J	--
Beryllium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Calcium	761	571	232	235	153J	645J	584J
Chromium	--	283J	--	--	--	--	--
Cobalt	2.7	--	--	--	--	--	--
Copper	2.4	--	1.5	2.8	--	--	--
Iron	413J	209J	423J	403J	169J	836J	472J
Lead	0.48J	--	0.77J	0.22J	--	0.34	0.28
Magnesium	--	--	--	--	177	578	379
Manganese	21.2J	15.1J	20.5J	22.3J	45.1J	38.8J	31.6J
Mercury	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	2.0	--
Potassium	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--
Zinc	--	13.4J	--	35.7J	--	--	--
Cyanide	--	--	--	--	--	--	--

(a) Results reported in µg/L.
(b) Results reported in mg/kg.

TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Date Collected	T-GW-SB217A SB217[b] 03/21/90	T-GW-SB218A SB218[b] 03/21/90	T-GW-SB221A SB221[b] 03/22/90	Background Conditions[c]
Aluminum	442	464J	251J	NA
Antimony	--	--	--	NA
Arsenic	0.44	--	--	10
Barium	9.6J	111	19.3	1,110
Beryllium	--	--	--	NA
Cadmium	--	--	--	10
Calcium	853J	600	428	NA
Chromium	--	--	--	46
Cobalt	6.9	--	--	NA
Copper	--	--	--	NA
Iron	750J	760J	398J	NA
Lead	0.52	6.7	0.32	57
Magnesium	671	--	--	NA
Manganese	27.7J	73.1J	24.2J	NA
Mercury	--	--	--	<0.4
Nickel	--	2.8	2.0	101
Potassium	--	--	--	NA
Selenium	0.40J	--	--	2.1
Silver	--	--	--	10
Sodium	--	--	--	NA
Thallium	--	--	--	NA
Vanadium	2.2	--	--	NA
Zinc	--	--	--	110
Cyanide	--	--	--	<200

Notes: The complete list of samples and analytical results can be found in Appendix B of this report.
J qualifier indicates an estimated value.
-- Indicates analyte was not detected
NA Not analyzed for.

(a) Results reported in µg/L.
(b) Results reported in mg/kg.
(c) From USACOE, 1988

TABLE 4-10

INORGANICS DETECTED IN GROUND WATER[a]
PLATING SHOP - BUILDING 3001
TINKER AIR FORCE BASE
OKLAHOMA CITY, OKLAHOMA
PAGE THREE

Sample Number Depth (ft) Date Collected	T-GW-SB217A SB217[b] 03/21/90	T-GW-SB218A SB218[b] 03/21/90	T-GW-SB221A SB221[b] 03/22/90	Background Conditions[c]
Aluminum	442	464J	251J	NA
Antimony	--	--	--	NA
Arsenic	0.44	--	--	10
Barium	9.6J	111	19.3	1,110
Beryllium	--	--	--	NA
Cadmium	--	--	--	10
Calcium	853J	600	428	NA
Chromium	--	--	--	46
Cobalt	6.9	--	--	NA
Copper	--	--	--	NA
Iron	750J	760J	398J	NA
Lead	0.52	6.7	0.32	57
Magnesium	671	--	--	NA
Manganese	27.7J	73.1J	24.2J	NA
Mercury	--	--	--	<0.4
Nickel	--	2.8	2.0	101
Potassium	--	--	--	NA
Selenium	0.40J	--	--	2.1
Silver	--	--	--	10
Sodium	--	--	--	NA
Thallium	--	--	--	NA
Vanadium	2.2	--	--	NA
Zinc	--	--	--	110
Cyanide	--	--	--	<200

Notes: The complete list of samples and analytical results can be found in Appendix B of this report.
J qualifier indicates an estimated value.
-- Indicates analyte was not detected
NA Not analyzed for.

(a) Results reported in µg/L.
(b) Results reported in mg/kg.
(c) From USACOE, 1988

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20322

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB06

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/13/90

% Solids: 0.0 GW-MW155A

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	762			P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	2.1			F
7440-39-3	Barium	191			P
7440-41-7	Beryllium	1.6		U	P
7440-43-9	Cadmium	5.2		U	P
7440-70-2	Calcium	58300			P
7440-47-3	Chromium	7.6	U		P
7440-48-4	Cobalt	10.0		U	P
7440-50-8	Copper	8.6			P
7439-89-6	Iron	185		U	P
7439-92-1	Lead	4.9		U	F
7439-95-4	Magnesium	27400			A
7439-96-5	Manganese	70.8			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	1240			A
7782-49-2	Selenium	2.6			F
7440-22-4	Silver	7.4	U		P
7440-23-5	Sodium	98100			A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	16.5			P
7440-66-6	Zinc	481			P
	Cyanide	228	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MW155A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20322

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB06

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/13/90

% Solids: 0.0

GW-MW155A

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	762			P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	2.1			F
7440-39-3	Barium	191			P
7440-41-7	Beryllium	1.6		U	P
7440-43-9	Cadmium	5.2		U	P
7440-70-2	Calcium	58300			P
7440-47-3	Chromium	7.6	U		P
7440-48-4	Cobalt	10.0		U	P
7440-50-8	Copper	8.6			P
7439-89-6	Iron	185		U	P
7439-92-1	Lead	4.9		U	F
7439-95-4	Magnesium	27400			A
7439-96-5	Manganese	70.8			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	1240			A
7782-49-2	Selenium	2.6			F
7440-22-4	Silver	7.4	U		P
7440-23-5	Sodium	98100			A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	16.5			P
7440-66-6	Zinc	481			P
	Cyanide	228	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MWI55A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2032

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/13/90

GW-MW156A

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	[redacted]	U	P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	5.7	[redacted]		F
7440-39-3	Barium	130	[redacted]		P
7440-41-7	Beryllium	1.5	U		P
7440-43-9	Cadmium	3.6	[redacted]	U	P
7440-70-2	Calcium	22900			P
7440-47-3	Chromium	7.6	U		P
7440-48-4	Cobalt	9.9	[redacted]	U	P
7440-50-8	Copper	6.1	U		P
7439-89-6	Iron	30.0	[redacted]	U	P
7439-92-1	Lead	2.0	[redacted]	U	F
7439-95-4	Magnesium	11700			A
7439-96-5	Manganese	75.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.8	U		P
7440-09-7	Potassium	1390	[redacted]		A
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	7.4	U		P
7440-23-5	Sodium	188000			A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	11.3	[redacted]		P
7440-66-6	Zinc	36.1		U	P
	Cyanide	228	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MWI56A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

H2032

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/13/90

% Solids: 0.0 GW-MW156A

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.0	[redacted]	U	P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	5.7	[redacted]		F
7440-39-3	Barium	130	[redacted]		P
7440-41-7	Beryllium	1.5	U		P
7440-43-9	Cadmium	3.6	[redacted]	U	P
7440-70-2	Calcium	22900			P
7440-47-3	Chromium	7.6	U		P
7440-48-4	Cobalt	9.9	[redacted]	U	P
7440-50-8	Copper	6.1	U		P
7439-89-6	Iron	30.0	[redacted]	U	P
7439-92-1	Lead	2.0	[redacted]	U	F
7439-95-4	Magnesium	11700			A
7439-96-5	Manganese	75.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.8	U		P
7440-09-7	Potassium	1390	[redacted]		A
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	7.4	U		P
7440-23-5	Sodium	188000			A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	11.3	[redacted]		P
7440-66-6	Zinc	36.1		U	P
	Cyanide	228	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MW156A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21309

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/26/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.9	U		P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	1.7	[redacted]		F
7440-39-3	Barium	479	[redacted]	U	P
7440-41-7	Beryllium	1.5	U		P
7440-43-9	Cadmium	2.9	U		P
7440-70-2	Calcium	[redacted]	[redacted]	U	P
7440-47-3	Chromium	8620	[redacted]		P
7440-48-4	Cobalt	29.1	[redacted]		P
7440-50-8	Copper	[redacted]	[redacted]	U	P
7439-89-6	Iron	262	[redacted]		P
7439-92-1	Lead	[redacted]	[redacted]	U	F
7439-95-4	Magnesium	[redacted]	[redacted]	U	A
7439-96-5	Manganese	919	[redacted]		P
7439-97-6	Mercury	[redacted]	[redacted]	J	CV
7440-02-0	Nickel	90.2	[redacted]		P
7440-09-7	Potassium	[redacted]	[redacted]	U	A
7782-49-2	Selenium	3.7	[redacted]		F
7440-22-4	Silver	7.4	U [redacted]	UJ	P
7440-23-5	Sodium	130000	[redacted]		A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	6.5	U		P
7440-66-6	Zinc	41.5	[redacted]		P
	Cyanide	228	U [redacted]		C

Color Before: LT YELLOW Clarity Before: CLEAR Texture:

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MW157A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21309

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB11

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 03/26/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.9	U		P
7440-36-0	Antimony	5.3	U		F
7440-38-2	Arsenic	1.7	[redacted]		F
7440-39-3	Barium	479	[redacted]	U	P
7440-41-7	Beryllium	1.5	U		P
7440-43-9	Cadmium	2.9	U		P
7440-70-2	Calcium	1[redacted]000	[redacted]	U	P
7440-47-3	Chromium	8620			P
7440-48-4	Cobalt	29.1	[redacted]		P
7440-50-8	Copper	13.5	[redacted]	U	P
7439-89-6	Iron	262	[redacted]		P
7439-92-1	Lead	[redacted]	[redacted]	U	F
7439-95-4	Magnesium	[redacted]	[redacted]	U	A
7439-96-5	Manganese	919			P
7439-97-6	Mercury	[redacted]	[redacted]	J	CV
7440-02-0	Nickel	90.2			P
7440-09-7	Potassium	[redacted]	[redacted]	U	A
7782-49-2	Selenium	3.7	[redacted]		F
7440-22-4	Silver	7.4	U[redacted]	UJ	P
7440-23-5	Sodium	130000			A
7440-28-0	Thallium	1.3	U		F
7440-62-2	Vanadium	6.5	U		P
7440-66-6	Zinc	41.5			P
	Cyanide	228	U[redacted]		C

Color Before: LT YELLOW Clarity Before: CLEAR Texture:

Color After: LT YELLOW Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-MW157A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19868

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	539			P
7440-36-0	Antimony	1.0	U	~~N~~ UJ	F
7440-38-2	Arsenic	0.27	U	~~N~~ UJ	F
7440-39-3	Barium	42.4		~~N~~ J	P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	174	~~E~~	~~N~~ J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.7	~~E~~	U	P
7439-89-6	Iron	786			P
7439-92-1	Lead	0.40	~~E~~	~~N~~ J	F
7439-95-4	Magnesium	284	~~E~~		A
7439-96-5	Manganese	9.9		~~N~~ J	P
7439-97-6	Mercury	0.05 ~~0.00~~	~~U~~	~~N~~ UJ	CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	127	~~E~~		A
7782-49-2	Selenium	0.38	~~U~~	~~N~~ UJ	F
7440-22-4	Silver	1.4	~~U~~	~~N~~ UJ	P
7440-23-5	Sodium	125	~~E~~		A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.2	U		P
7440-66-6	Zinc	4.1		~~E~~ U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: I-GW-SB201A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19868

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	539			P
7440-36-0	Antimony	1.0	U	~~N~~ UJ	F
7440-38-2	Arsenic	0.27	U	~~N~~ UJ	F
7440-39-3	Barium	42.4		~~N~~ J	P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	174	~~U~~	~~N~~ J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.7	~~U~~	U	P
7439-89-6	Iron	786			P
7439-92-1	Lead	0.40	~~U~~	~~N~~ J	F
7439-95-4	Magnesium	284	~~U~~		A
7439-96-5	Manganese	9.9		~~N~~ J	P
7439-97-6	Mercury	0.05 ~~0.00~~	~~U~~	~~N~~ UJ	CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	127	~~U~~		A
7782-49-2	Selenium	0.38	~~U~~	~~N~~ UJ	F
7440-22-4	Silver	1.4	~~U~~	~~N~~ UJ	P
7440-23-5	Sodium	125	~~U~~		A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.2	U		P
7440-66-6	Zinc	4.1		~~U~~ U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: 1-GW-SB201A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19870

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	889			P
7440-36-0	Antimony	0.96	~~B~~ ~~N~~	UJ	F
7440-38-2	Arsenic	0.28	~~W~~ ~~DW~~	UJ	F
7440-39-3	Barium	20.8	~~B~~ ~~DW~~	J	P
7440-41-7	Beryllium	0.27	U		P
7440-43-9	Cadmium	0.52	U		P
7440-70-2	Calcium	325	~~B~~ ~~W~~	J	P
7440-47-3	Chromium	2.5		J	P
7440-48-4	Cobalt	1.1	U		P
7440-50-8	Copper	1.4	~~B~~	U	P
7439-89-6	Iron	1330			P
7439-92-1	Lead	0.63	~~B~~ ~~W~~	J	F
7439-95-4	Magnesium	423	~~B~~		A
7439-96-5	Manganese	23.5	~~B~~ ~~W~~	J	P
7439-97-6	Mercury	0.05 ~~0.00~~	~~B~~ ~~W~~	UJ	CV
7440-02-0	Nickel	2.6	~~B~~		P
7440-09-7	Potassium	222	~~B~~		A
7782-49-2	Selenium	0.39	~~B~~ ~~DW~~	UJ	F
7440-22-4	Silver	1.5	~~B~~ ~~W~~	UJ	P
7440-23-5	Sodium	78.6	U		A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	1.7	~~B~~		P
7440-66-6	Zinc	3.0	~~B~~ ~~W~~	U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB202A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19870

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	889			P
7440-36-0	Antimony	0.96	~~U~~ ~~N~~	UJ	F
7440-38-2	Arsenic	0.28	~~U~~ ~~NW~~	UJ	F
7440-39-3	Barium	20.8	~~U~~ ~~N~~	J	P
7440-41-7	Beryllium	0.27	U		P
7440-43-9	Cadmium	0.52	U		P
7440-70-2	Calcium	325	~~U~~ ~~N~~	J	P
7440-47-3	Chromium	2.5		J	P
7440-48-4	Cobalt	1.1	U		P
7440-50-8	Copper	1.4	~~U~~	U	P
7439-89-6	Iron	1330			P
7439-92-1	Lead	0.63	~~U~~ ~~N~~	J	F
7439-95-4	Magnesium	423	~~U~~		A
7439-96-5	Manganese	23.5	~~U~~	J	P
7439-97-6	Mercury	0.05 ~~0.00~~	~~U~~ ~~N~~	UJ	CV
7440-02-0	Nickel	2.6	~~U~~		P
7440-09-7	Potassium	222	~~U~~		A
7782-49-2	Selenium	0.39	~~U~~ ~~NW~~	UJ	F
7440-22-4	Silver	1.5	~~U~~ ~~N~~	UJ	P
7440-23-5	Sodium	78.6	U		A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	1.7	~~U~~		P
7440-66-6	Zinc	3.0	~~U~~ ~~E~~	U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB202A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19871

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	849			P
7440-36-0	Antimony	1.0	U	UJ	P
7440-38-2	Arsenic	0.28	U	UJ	P
7440-39-3	Barium	14.1		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	216		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.8	U	U	P
7439-89-6	Iron	1050			P
7439-92-1	Lead	0.34	U	J	P
7439-95-4	Magnesium	358	U		A
7439-96-5	Manganese	16.0		J	P
7439-97-6	Mercury	0.05 ~~0.00~~	BIN	UJ	CV
7440-02-0	Nickel	2.2	U		P
7440-09-7	Potassium	217	U		A
7782-49-2	Selenium	0.40	U	UJ	P
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	109	U		A
7440-28-0	Thallium	0.26	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.0	U	U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB202X

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H19871

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB04

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/08/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	849			P
7440-36-0	Antimony	1.0	U	UJ	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	14.1		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	216		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.8	U	U	P
7439-89-6	Iron	1050			P
7439-92-1	Lead	0.34		J	F
7439-95-4	Magnesium	358	U		A
7439-96-5	Manganese	16.0		J	P
7439-97-6	Mercury	0.05 ~~0.00~~	~~BIN~~	UJ	CV
7440-02-0	Nickel	2.2	U		P
7440-09-7	Potassium	217	U		A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	109	U		A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.0	U	U	P
	Cyanide	0.23	U		C

Color Before: BROWN Clarity Before: Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB202X

GW-SB203A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20289

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	67.9			P
7440-36-0	Antimony	1.0		UJ	F
7440-38-2	Arsenic	0.27	U		F
7440-39-3	Barium	3.4	U		P
7440-41-7	Beryllium	0.88		U	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	54.5		W	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4			P
7439-89-6	Iron	78.5			P
7439-92-1	Lead	0.14		UJ	F
7439-95-4	Magnesium	139			A
7439-96-5	Manganese	5.2			P
7439-97-6	Mercury	0.05 U			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	15.8	U		A
7782-49-2	Selenium	0.39		UJ	F
7440-22-4	Silver	1.4	U		P
7440-23-5	Sodium	112		W	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	1.4		U	P
	Cyanide	0.23		UJ	C

Color Before: COLORLESS Clarity Before: CLEAR Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB203A

GW-SB203A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20289

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB05

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/10/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	67.9			P
7440-36-0	Antimony	1.0		UJ	F
7440-38-2	Arsenic	0.27	U		F
7440-39-3	Barium	3.4	U		P
7440-41-7	Beryllium	0.88		U	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	54.5		W	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4			P
7439-89-6	Iron	78.5			P
7439-92-1	Lead	0.14	U	UJ	F
7439-95-4	Magnesium	139			A
7439-96-5	Manganese	5.2			P
7439-97-6	Mercury	0.05 U			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	15.8	U		A
7782-49-2	Selenium	0.39	U	UJ	F
7440-22-4	Silver	1.4	U		P
7440-23-5	Sodium	112		W	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	1.4		U	P
	Cyanide	0.23	U	UJ	C

Color Before: COLORLESS Clarity Before: CLEAR Texture: WATER

Color After: CLEAR Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB203A

GW-SB207A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20469

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	390		E J	P
7440-36-0	Antimony	1.0	UN	UJ	P
7440-38-2	Arsenic	0.27	U W		P
7440-39-3	Barium	3.4	U N		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	151	N	U	P
7440-47-3	Chromium	1.5	U N	UJ	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.1	N	U	P
7439-89-6	Iron	489			P
7439-92-1	Lead	0.27	U N	U	P
7439-95-4	Magnesium	310	N	U	A
7439-96-5	Manganese	8.4			P
7439-97-6	Mercury	0.05U ~~0.00~~	B		CV
7440-02-0	Nickel	2.0	N	U	P
7440-09-7	Potassium	83.1	N		A
7782-49-2	Selenium	0.39	U NW	UJ	P
7440-22-4	Silver	1.4	U N	UJ	P
7440-23-5	Sodium	283	N	U	A
7440-28-0	Thallium	0.25	U W		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.4	N	U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB207A

GW-SB207A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20469

Lab Name: NUS CORPORATION Contract: 1AFB

Lab Code: Case No.: 1AFB1 SAS No.: SDG No.: 1AFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	390		E J	P
7440-36-0	Antimony	1.0	N	UJ	F
7440-38-2	Arsenic	0.27	U N		F
7440-39-3	Barium	3.4	U N		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	151	N	U	P
7440-47-3	Chromium	1.5	N N	UJ	P
7440-48-4	Cobalt	1.2	U N		P
7440-50-8	Copper	2.1	N	U	P
7439-89-6	Iron	489			P
7439-92-1	Lead	0.27	N N	U	F
7439-95-4	Magnesium	310	N	U	A
7439-96-5	Manganese	8.4			P
7439-97-6	Mercury	0.05U ~~0.00~~	U		CV
7440-02-0	Nickel	2.0	N	U	P
7440-09-7	Potassium	83.1	N		A
7782-49-2	Selenium	0.39	N NW	UJ	F
7440-22-4	Silver	1.4	N N	UJ	P
7440-23-5	Sodium	283	N	U	A
7440-28-0	Thallium	0.25	U N		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.4	N	U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB207A

GW-SB209A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20471

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	153		J	P
7440-36-0	Antimony	1.0		UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	15.4		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	146		U	P
7440-47-3	Chromium	6.5		J	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.3		U	P
7439-89-6	Iron	155			P
7439-92-1	Lead	0.51		U	F
7439-95-4	Magnesium	242		U	A
7439-96-5	Manganese	15.5			P
7439-97-6	Mercury	0.05 U ~~0.00~~			CV
7440-02-0	Nickel	2.6		U	P
7440-09-7	Potassium	45.5			A
7782-49-2	Selenium	0.40		UJ	F
7440-22-4	Silver	1.5		UJ	P
7440-23-5	Sodium	188		U	A
7440-28-0	Thallium	0.26	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.7		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB209A

GW-SB209A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20471

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	153		J	P
7440-36-0	Antimony	1.0		UJ	P
7440-38-2	Arsenic	0.28	U		P
7440-39-3	Barium	15.4		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	146		U	P
7440-47-3	Chromium	6.5		J	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.3		U	P
7439-89-6	Iron	155			P
7439-92-1	Lead	0.51		U	P
7439-95-4	Magnesium	242		U	A
7439-96-5	Manganese	15.5			P
7439-97-6	Mercury	0.05U ~~0.09~~			CV
7440-02-0	Nickel	2.6		U	P
7440-09-7	Potassium	45.5			A
7782-49-2	Selenium	0.40		UJ	P
7440-22-4	Silver	1.5		UJ	P
7440-23-5	Sodium	188		U	A
7440-28-0	Thallium	0.26	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	2.7		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB209A

GW-SB210A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20472

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9.8	~~U~~	U	P
7440-36-0	Antimony	1.0	~~UN~~	UJ	F
7440-38-2	Arsenic	0.27	U		F
7440-39-3	Barium	3.4	U ~~W~~		P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	19.9	~~U~~	U	P
7440-47-3	Chromium	1.5	~~U~~ ~~N~~	UJ	P
7440-48-4	Cobalt	1.2	U ~~W~~		P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	6.4	~~U~~	U	P
7439-92-1	Lead	1.0	~~N~~	U	F
7439-95-4	Magnesium	178	~~U~~	U	A
7439-96-5	Manganese	0.72	U		P
7439-97-6	Mercury	0.06 ~~[illegible]~~	~~B~~ U		CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	15.7	U		A
7782-49-2	Selenium	0.39	~~UN~~	UJ	F
7440-22-4	Silver	1.5	~~UN~~	UJ	P
7440-23-5	Sodium	111	~~U~~	U	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	1.4	~~U~~	U	P
	Cyanide	0.22	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: 1-GW-SB210A

GW-SB210A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20472

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB07

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/15/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9.8	~~B~~	~~B~~ U	P
7440-36-0	Antimony	1.0	~~UN~~	~~N~~ UJ	P
7440-38-2	Arsenic	0.27	U		F
7440-39-3	Barium	3.4	U	~~N~~	P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	19.9	~~N~~	U	P
7440-47-3	Chromium	1.5	~~UN~~	~~N~~ UJ	P
7440-48-4	Cobalt	1.2	U	~~N~~	P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	6.4	~~N~~	U	P
7439-92-1	Lead	1.0		~~N~~ U	F
7439-95-4	Magnesium	178	~~N~~	U	A
7439-96-5	Manganese	0.72	U		P
7439-97-6	Mercury	0.06 U ~~0.08~~	~~B~~		CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	15.7	U		A
7782-49-2	Selenium	0.39	~~UN~~	UJ	F
7440-22-4	Silver	1.5	~~UN~~	~~N~~ UJ	P
7440-23-5	Sodium	111	~~N~~	U	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	1.4	~~N~~	U	P
	Cyanide	0.22	U		C

Color Before: COLORLESS Clarity Before: CLEAR Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

CLIENT ID: 1-GW-SB210A

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U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H20850

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	239		J	P
7440-36-0	Antimony	1.0	U	R	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	85.5		J	P
7440-41-7	Beryllium	0.43		K	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	761			P
7440-47-3	Chromium	2.5		K	P
7440-48-4	Cobalt	2.7			P
7440-50-8	Copper	2.4			P
7439-89-6	Iron	413		J	P
7439-92-1	Lead	0.48		J	F
7439-95-4	Magnesium	344		K	A
7439-96-5	Manganese	21.2		J	P
7439-97-6	Mercury	0.05 K ~~0.00~~			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	98.7		K	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	85.9	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	4.6		K	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB211A

GW - SB211A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20850

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	239		J	P
7440-36-0	Antimony	1.0	U	R	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	85.5		J	P
7440-41-7	Beryllium	0.43		U	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	761			P
7440-47-3	Chromium	2.5		U	P
7440-48-4	Cobalt	2.7			P
7440-50-8	Copper	2.4			P
7439-89-6	Iron	413		J	P
7439-92-1	Lead	0.48		J	F
7439-95-4	Magnesium	344		U	A
7439-96-5	Manganese	21.2		J	P
7439-97-6	Mercury	0.05U ~~0.00~~			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	98.7		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	85.9	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	4.6		U	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB211A

GW-SB212A

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H2085

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	220		J	P
7440-36-0	Antimony	1.9		UL	F
7440-38-2	Arsenic	0.27	U	UJ	F
7440-39-3	Barium	8.9		J	P
7440-41-7	Beryllium	0.57		UL	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	571			P
7440-47-3	Chromium	283		J	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	209		J	P
7439-92-1	Lead	0.14	U		F
7439-95-4	Magnesium	399		UJ	A
7439-96-5	Manganese	15.1		J	P
7439-97-6	Mercury	0.05U ~~0.04~~			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	98.2		UL	A
7782-49-2	Selenium	0.39	U	UJ	F
7440-22-4	Silver	1.4	U	UJ	P
7440-23-5	Sodium	85.4	U		A
7440-28-0	Thallium	0.25	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	13.4		J	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB212A

GW-SB212

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2085

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	220		J	P
7440-36-0	Antimony	1.9		U	F
7440-38-2	Arsenic	0.27	U	UJ	F
7440-39-3	Barium	8.9		J	P
7440-41-7	Beryllium	0.57		U	P
7440-43-9	Cadmium	0.57	U		P
7440-70-2	Calcium	571			P
7440-47-3	Chromium	283		J	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	209		J	P
7439-92-1	Lead	0.14	U		F
7439-95-4	Magnesium	399		U	A
7439-96-5	Manganese	15.1		J	P
7439-97-6	Mercury	0.05U ~~0.09~~			CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	98.2		U	A
7782-49-2	Selenium	0.39	U	UJ	F
7440-22-4	Silver	1.4	U	UJ	P
7440-23-5	Sodium	85.4	U		A
7440-28-0	Thallium	0.25	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	13.4		J	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB212A

GW - SB2

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20848

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	523		J	P
7440-36-0	Antimony	1.0	U	R	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	27.1		J	P
7440-41-7	Beryllium	0.45		U	P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	292			P
7440-47-3	Chromium	6.2		U	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.5			P
7439-89-6	Iron	423		J	P
7439-92-1	Lead	0.77		J	F
7439-95-4	Magnesium	329		U	A
7439-96-5	Manganese	20.5		J	P
7439-97-6	Mercury	0.05U ~~0.00~~	U		CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	130		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	84.3	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	11.6		U	P
	Cyanide	0.23	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB213

GW - SB2

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20848

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	523		J	P
7440-36-0	Antimony	1.0	U	R	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	27.1		J	P
7440-41-7	Beryllium	0.45		U	P
7440-43-9	Cadmium	0.56	U		P
7440-70-2	Calcium	232			P
7440-47-3	Chromium	6.2		U	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.5			P
7439-89-6	Iron	423		J	P
7439-92-1	Lead	0.77		J	F
7439-95-4	Magnesium	329		U	A
7439-96-5	Manganese	20.5		J	P
7439-97-6	Mercury	0.05 U ~~0.00~~	U		CV
7440-02-0	Nickel	1.9	U		P
7440-09-7	Potassium	130		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	84.3	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	11.6		U	P
	Cyanide	0.23	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB213

GW-SB213X

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

H2084

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0E

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

FIELD DUP TO GW-SB213

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	462		J	P
7440-36-0	Antimony	4.1		UJ	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	26.1		J	P
7440-41-7	Beryllium	0.52		U	P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	235			P
7440-47-3	Chromium	5.3		U	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.8			P
7439-89-6	Iron	403		J	P
7439-92-1	Lead	0.22		J	F
7439-95-4	Magnesium	359		U	A
7439-96-5	Manganese	22.3		J	P
7439-97-6	Mercury	0.05 U ~~0.09~~			CV
7440-02-0	Nickel	1.9		U	P
7440-09-7	Potassium	117		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	86.3	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	35.7		J	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB213X

GW-SB213X

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2084

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB08

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/20/90

% Solids: 100.0

FIELD DUP TO GW-SB213

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	462		J	P
7440-36-0	Antimony	4.1		U	F
7440-38-2	Arsenic	0.28	U	UJ	F
7440-39-3	Barium	26.1		J	P
7440-41-7	Beryllium	0.52		U	P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	235			P
7440-47-3	Chromium	5.3		U	P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.8			P
7439-89-6	Iron	403		J	P
7439-92-1	Lead	0.22		J	F
7439-95-4	Magnesium	359		U	A
7439-96-5	Manganese	22.3		J	P
7439-97-6	Mercury	0.05U ~~0.08~~			CV
7440-02-0	Nickel	1.9		U	P
7440-09-7	Potassium	117		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	86.3	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	~~35.7~~		J	P
	Cyanide	0.22	U	UJ	C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB213X

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20914

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	107			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	127		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	153		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	2.3		U	P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	169		J	P
7439-92-1	Lead	0.14	U		F
7439-95-4	Magnesium	177			A
7439-96-5	Manganese	45.1		J	P
7439-97-6	Mercury	0.051			
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	49.9		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	196		U	A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	0.64		U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

CLIENT ID: T-GW-SB214A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20914

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	107			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	127		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	153		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	2.3		U	P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	169		J	P
7439-92-1	Lead	0.14	U		F
7439-95-4	Magnesium	177			A
7439-96-5	Manganese	45.1		J	P
7439-97-6	Mercury	0.05	U		
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	49.9		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	196		U	A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	0.64		U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB214A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2091[illegible]

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	514			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	3.8		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	645		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	2.2		U	P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	[illegible]		J	P
7439-92-1	Lead	0.34			F
7439-95-4	Magnesium	578			A
7439-96-5	Manganese	[illegible]		J	P
7439-97-6	Mercury	0.05 ~~0.00~~			CV
7440-02-0	Nickel	2.0			P
7440-09-7	Potassium	109		U	A
7782-49-2	Selenium	[illegible]		UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	86.3	U		A
7440-28-0	Thallium	0.25	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	[illegible]		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB215A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2091[illegible]

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB0[illegible]

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	514			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	3.8		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	645		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	2.2		U	P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	[illegible]		J	P
7439-92-1	Lead	0.34			F
7439-95-4	Magnesium	578			A
7439-96-5	Manganese	[illegible]		J	P
7439-97-6	Mercury	0.05 U ~~0.00~~			CV
7440-02-0	Nickel	2.0			P
7440-09-7	Potassium	109		U	A
7782-49-2	Selenium	[illegible]		UJ	F
7440-22-4	Silver	[illegible]	U	UJ	P
7440-23-5	Sodium	86.3	U		A
7440-28-0	Thallium	[illegible]	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	[illegible]		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB215A

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20915

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	346			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	3.4	U		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	584		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	472		J	P
7439-92-1	Lead	0.28			F
7439-95-4	Magnesium	379			A
7439-96-5	Manganese	31.6		J	P
7439-97-6	Mercury	0.05 ~~0.00~~			CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	85.6		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	89.6		U	A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	3.4		U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB215X

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H20915

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/21/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	346			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.28	U		F
7440-39-3	Barium	3.4	U		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	584		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	472		J	P
7439-92-1	Lead	0.28			F
7439-95-4	Magnesium	379			A
7439-96-5	Manganese	31.6		J	P
7439-97-6	Mercury	0.05 ~~0.00~~			CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	85.6		U	A
7782-49-2	Selenium	0.40	U	UJ	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	89.6		U	A
7440-28-0	Thallium	0.28	U	UJ	F
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	1.4		U	P
	Cyanide	0.22	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB215X

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2102C

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	442			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.44			F
7440-39-3	Barium	9.6		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	853		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	6.9			P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	750		J	P
7439-92-1	Lead	0.52			F
7439-95-4	Magnesium	671			A
7439-96-5	Manganese	27.7		J	P
7439-97-6	Mercury	0.05 ~~0.00~~			CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	134		U	A
7782-49-2	Selenium	0.40		J	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	86.9	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	2.2			P
7440-66-6	Zinc	1.6		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB217A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H2102C

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB09

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	442			P
7440-36-0	Antimony	1.1	U	UJ	F
7440-38-2	Arsenic	0.44			F
7440-39-3	Barium	9.6		J	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.58	U		P
7440-70-2	Calcium	853		J	P
7440-47-3	Chromium	1.5	U		P
7440-48-4	Cobalt	6.9			P
7440-50-8	Copper	1.2	U		P
7439-89-6	Iron	750		J	P
7439-92-1	Lead	0.52			F
7439-95-4	Magnesium	671			A
7439-96-5	Manganese	27.7		J	P
7439-97-6	Mercury	0.05 ~~0.00~~			CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium	134		U	A
7782-49-2	Selenium	0.40		J	F
7440-22-4	Silver	1.5	U	UJ	P
7440-23-5	Sodium	86.9	U		A
7440-28-0	Thallium	0.26	U	UJ	F
7440-62-2	Vanadium	2.2			P
7440-66-6	Zinc	1.5		U	P
	Cyanide	0.23	U		C

Color Before: ORANGE Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT ID: T-GW-SB217A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21080

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	464	*	J	P
7440-36-0	Antimony	1.00	U		F
7440-38-2	Arsenic	0.26	U		F
7440-39-3	Barium	111			P
7440-41-7	Beryllium	0.28	U		P
7440-43-9	Cadmium	0.55	U		P
7440-70-2	Calcium	600	B		P
7440-47-3	Chromium	1.4	U *		P
7440-48-4	Cobalt	1.5	B	U	P
7440-50-8	Copper	1.5	B	U	P
7439-89-6	Iron	760	*	J	P
7439-92-1	Lead	6.7			F
7439-95-4	Magnesium	335	B *	U	A
7439-96-5	Manganese	73.1	*	J	P
7439-97-6	Mercury	0.05 U			
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	99.9	B *	U	A
7782-49-2	Selenium	0.37	U		F
7440-22-4	Silver	1.4	U N	UJ	P
7440-23-5	Sodium	243	B	U	A
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	1.2	U *		P
7440-66-6	Zinc	3.0	B *	U	P
	Cyanide	0.22	U		C

Color Before: RED Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-SB218A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21080

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/22/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	464		* J	P
7440-36-0	Antimony	1.00	U		F
7440-38-2	Arsenic	0.26	U		F
7440-39-3	Barium	111			P
7440-41-7	Beryllium	0.28	U		P
7440-43-9	Cadmium	0.55	U		P
7440-70-2	Calcium	600	B		P
7440-47-3	Chromium	1.4	U	*	P
7440-48-4	Cobalt	1.5	B	U	P
7440-50-8	Copper	1.5	B	U	P
7439-89-6	Iron	760		* J	P
7439-92-1	Lead	6.7			F
7439-95-4	Magnesium	335	B	* U	A
7439-96-5	Manganese	73.1		* J	P
7439-97-6	Mercury	0.05 U	[redacted]		
7440-02-0	Nickel	2.8	B		P
7440-09-7	Potassium	99.9	B	* U	A
7782-49-2	Selenium	0.37	U		F
7440-22-4	Silver	1.4	U	N UJ	P
7440-23-5	Sodium	243	B	U	A
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	1.2	U	*	P
7440-66-6	Zinc	3.0	B	* U	P
	Cyanide	0.22	U		C

Color Before: RED Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-SB218A

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21263

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	251	*	J	P
7440-36-0	Antimony	1.0	U		F
7440-38-2	Arsenic	0.26	U		F
7440-39-3	Barium	19.3	B		P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.70	B	U	P
7440-70-2	Calcium	428	B		P
7440-47-3	Chromium	1.4	U	*	P
7440-48-4	Cobalt	1.3	B	U	P
7440-50-8	Copper	3.2	B	U	P
7439-89-6	Iron	398	*	J	P
7439-92-1	Lead	0.32	B		F
7439-95-4	Magnesium	308	B	* U	A
7439-96-5	Manganese	24.2	*	J	P
7439-97-6	Mercury	0.05 U	[redacted]		
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	66.5	B	* U	A
7782-49-2	Selenium	0.38	U		F
7440-22-4	Silver	1.4	U	N UJ	P
7440-23-5	Sodium	139	B	U	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.2	U	*	P
7440-66-6	Zinc	1.2	B	* U	P
	Cyanide	0.23	U		C

Color Before: RED Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-SB221A

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

H21263

Lab Name: NUS CORPORATION Contract: TAFB

Lab Code: Case No.: TAFB1 SAS No.: SDG No.: TAFB10

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 03/24/90

% Solids: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	251		* J	P
7440-36-0	Antimony	1.0	U		F
7440-38-2	Arsenic	0.26	U		F
7440-39-3	Barium	19.3	B		P
7440-41-7	Beryllium	0.29	U		P
7440-43-9	Cadmium	0.70	B	U	P
7440-70-2	Calcium	428	B		P
7440-47-3	Chromium	1.4	U	*	P
7440-48-4	Cobalt	1.3	B	U	P
7440-50-8	Copper	3.2	B	U	P
7439-89-6	Iron	398		* J	P
7439-92-1	Lead	0.32	B		F
7439-95-4	Magnesium	308	B	* U	A
7439-96-5	Manganese	24.2		* J	P
7439-97-6	Mercury	0.05U	[redacted]		
7440-02-0	Nickel	2.0	B		P
7440-09-7	Potassium	66.5	B	* U	A
7782-49-2	Selenium	0.38	U		F
7440-22-4	Silver	1.4	U	N UJ	P
7440-23-5	Sodium	139	B	U	A
7440-28-0	Thallium	0.25	U		F
7440-62-2	Vanadium	1.2	U	*	P
7440-66-6	Zinc	1.2	B	* U	P
	Cyanide	0.23	U		C

Color Before: RED Clarity Before: OPAQUE Texture: WATER

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:
CLIENT NO. T-GW-SB221A