14187

PHASE II INTERIM TASKS FOR MORGANTOWN ORDNANCE WORKS SITE OU 1 MORGANTOWN, WEST VIRGINIA

JULY 1996

VOLUME II

ABB Environmental Services, Inc.

ABB

AR302369

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-47

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 47 0-2'	02-02	☑ SOIL ☐ SED ☐ WATER	3-11-96	8.45	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND; Silty clay, trace grit sand, tan/brown mottled w/ organic material

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 47 5-7	05-07	☑ SOIL ☐ SED ☐ WATER	3-11-96	8.46	5-7 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Silty clay, white to tan/brown, dark organic material throughout

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MONONGAHELA TOWN OU-1 SITE: LA-48

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-48-00-04	LA-48-00-04	[x] SOIL [ ] SED [ ] WATER	2-3-96	14:45	0-4 [x] FEET [ ] INCHES	[x] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): V. A FICOLORED BUT MOSTLY YELLOW BRN. W/ BLACK ZONES, CLAYEY SILT BLOCKY FILL, SLIGHT PETROL

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [x] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-48-04-08	LA-04-07-08	[x] SOIL [ ] SED [ ] WATER	2-3-96	14:50	4-8 [x] FEET [ ] INCHES	[x] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): REDDISH BRN. W/ OLIVE GREEN & GRAY MOTTLING, CLAYEY SILT, BLACK ORGANIC NODULES THROUGHOUT - LOOKS LIKE CO-MINGLED SOIL - SOME V. FINE ROOTS

OIL BLEEDING FROM FACES

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [x] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-48-08-12	LA-48-07-10	[x] SOIL [ ] SED [ ] WATER	2-3-96	15:00	8-12 [x] FEET [ ] INCHES	[x] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): VERY CLEAN SILT, VERY WELL SORTED, PINKISH BROWN TO GRAYISH BROWN NON-TO SL. PLASTIC V. STIFF TO HARD, DAMP. WAVY INTERBEDDED

MOCK. LAYERS

ML

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [x] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SIGNATURE: [illegible] DATE: 2/3/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-49

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 49	00-02	☐ SOIL ☐ SED ☐ WATER	7-11-96	10:59	0-2 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☑ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
little yellow-brown silty clay, mostly black bottom ash.

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-49	00-04	☐ SOIL ☐ SED ☐ WATER	7-11-96	10:59	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☑ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND — slight naphthalene odor
Yellow-brown clay, some white clay, black bottom ash throughout

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Morgantown OU-1 SITE: LA-50

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-50-00-04		☑ SOIL ☐ SED ☐ WATER	2-3-96	14:10	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): LOOSE, TR. GRAVEL. BLACK, GRITTY ASH, CINDER. LAST 1/2" IS YELLOW, GRAY TAN CLAY/SILT WET, SOFT ML/CL

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-50-04-08	LA-50-06-07	☑ SOIL ☐ SED ☐ WATER	2-3-96	14:15	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): YELLOW BRN, W/ PROMINENT GRAY MOTTLING CLAYEY SILT, TR. ANGULAR C. SAND IN LAYERS, MOSTLY MASSIVE TO BLOCKY HARD, MOIST ML HARDER W/ DEPTH BL. ORGANIC (?) SPECS ON FRAC. FACES WHEN BREAK APART

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-50-08-12	LA-50-10-11	☑ SOIL ☐ SED ☐ WATER	2-3-96	14:30	8-12 ☑ FEET ☐ INCHES	☑ SOIL PRO[illegible] ☐ SURFACE [illegible] ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): [illegible] W/ PROMINENT GRAY, SILT/CLAYEY SILT - BLOCKY - BECOMES MORE MASSIVE W/ DEPTH, HARD, ~~BE~~ MOIST (NO FREE WATER)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLL[illegible] FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE [signature] DATE 2/3/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-51

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-51 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2-13-96	9:20	02-04 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND slight NAP odor
Black grit - mixed w/ some brown silty-clay, rainbow colored on bottom

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-51 06-08	06-08	☑ SOIL ☐ SED ☐ WATER	2-13-96	9:25	6-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
Yellow-brown silty clay mottled with white, moist - firm

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE _____ DATE 2/13/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: HOUGHTON CLL-1 SITE: LA-52

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
A-52-00-24		☑ SOIL ☐ SED ☐ WATER	2-3-96	13:40	0-4 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) BLACK & GRAY BLACK TO 3.5' - ASH, CINDER, LOAM, WET, W, [illegible] FOUND DOWN, [illegible] HITS - BOTTOM 2' & RED BRN [illegible] WET, TR GRAVEL

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-52-04-08	A-52-27-08	☑ SOIL ☐ SED ☐ WATER	2-3-96	13:45	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) BLACK TO [illegible] W/ [illegible], CONTAMINATED - BLACK GRITTY GOO - [illegible] CLAYEY SILT/SILTY CLAY, V STIFF, HARD, PLASTIC WET [illegible]

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-52-08-12 LD 52-08-12		☑ SOIL ☐ SED ☐ WATER	2-3-96	13:55	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) [illegible] MOTTLED GRAY BRN. CLAYEY SILT/SILTY CLAY, NON-PLASTIC, HARD, DRY [illegible] DUPLICATE HERE TOO

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE [illegible] DATE 2/3/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-53

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-53 04-08	04-08	☒ SOIL ☐ SED ☐ WATER	2-13-96	8:35	4-8 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND slight Nuph. odor
1' retrieval total — tan, yellow-brown silty clay, some sulfur crystals & brick

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-53 08-10	~~06-08~~ 08-10	☒ SOIL ☐ SED ☐ WATER	2-13-96	8:50	8-10 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND Slight Nup. odor
~6" fine black grit - rainbow colored wet, underlain by gray - yellow brown tan clay

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-53 10-12	10-12	☒ SOIL ☐ SED ☐ WATER	2-13-96	8:50	10-12 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND
Yellow brown to white clay, moist, firm, mottled w/ black trace grit

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-53 10-12D	10-12D	☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Dup of Above sample

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE [signature] DATE 2/13/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Hopewell Town OU-1 SITE: LA-54

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-54-00-04	LA-54-03-04	☑ SOIL ☐ SED ☐ WATER	2-3-96	11:00	0-4' ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
0-1.5' BLACK CINDER & ASH MAT'L. OVER BLACK TAR PRESENCE/ODOR, ODOR & OIL. BLACK W/ SHEEN (1.5'-4.0') WET

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-54-04-08	DUPLICATE LA-54-07-08	☑ SOIL ☐ SED ☐ WATER	2-3-96	11:05	4-8' ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
4'-6.5' AS ABOVE THEN SILT FROM YELLOW-GREEN (SULPHUR-LIKE) MATL. FOR 0.6' THEN BOTTOM 1.5' IS BROWN CLAYEY SILT, HARD, MOIST, BLACKY MLL

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-54-08-12	LA-54-11-12	☑ SOIL ☐ SED ☐ WATER	2-3-96	11:30	8'-12' ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
BROWN CLAYEY SILT, SILTY CLAY (AS ABOVE) SL. TO MOD. PLASTIC, V. STIFF TO HARD MLL SAMPLE (11'-12')

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN - OU-1 SITE: LA-55

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-55-00-02	Composited the 0'-1.5' interval	☑ SOIL ☐ SED ☐ WATER	2-7-96	15:50	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) 0-1.5' all FILL - Pebbles, Gravel, Loose Binders & Ash - Same as observed on Surface of the site 1.5'-2.0' Gray Thin yellow band, silty clay, Firm, Damp PID=0

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-55-02-04	Composited 2'-4' interval	☐ SOIL ☐ SED ☐ WATER	2-7-96	15:50	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) 2'-4' all natural boiling orange - yellow brown ~~[illegible]~~ stiff silty clay ML/CL PID=0

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PK CT Morgantown OU-1 SITE LA-56

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-56-02-04	Composite 2'-4'	☑ SOIL ☐ SED ☐ WATER	2-7-96	15:30	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
2-4' multicolored, gravelly silty clay w/ trace gravel tarpieces - FILL TO ~4.3' bgs

SAMPLE COLLECTED FO ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-56-04-06	4'-6'	☑ SOIL ☐ SED ☐ WATER	2-7-96	15:30	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
Yellow brn. silty sandy clay to 5' (fill) then gray/olive gray (natural organics?) oily clay w/ sm. plastic, soft to firm, moist, non fractured, smells organic

SAMPLE COLLECTED FO ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

P. .CT: MORGANTOWN OU-1 SITE: LA-57

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-57-02-04		☑ SOIL ☐ SED ☐ WATER	2-8-96	1350	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
SAME AS OBSERVED ON GROUND SURFACE - LOOSE, BLACK ASH, GRITTY, SANDY, TO SILTY ASH BLACK W/ TR CLAYEY SOIL CLODS

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-57-04-06	12 4'	☑ SOIL ☐ SED ☐ WATER	2-8-96	1355	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
ABRUPT CHANGE AT APPROX. 5' FROM BLACK ASH, LOOSE TO GRAY TO LIGHT PINKISH BROWN SILTY CLAY, MOD. PLASTIC, SOFT, ML/CL

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER	~~2-8-96~~		☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S' 'LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN OU-1 SITE: LA-58

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-58-02-04		[x] SOIL [ ] SED [ ] WATER	2-8-96	0950	2-4 [x] FEET [ ] INCHES	[x] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Black, loose, sandy TAR, moist - cinders, etc. PID=0 FILL

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [x] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-58-04-06		[x] SOIL [ ] SED [ ] WATER	2-8-96	0950	4-6 [x] FEET [ ] INCHES	[x] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Abrupt change @ 4' TO YELLOW BRN. SILTY CLAY. Then ORGANIC dark GRAY SILTY CLAY @ 3-4', NON-PLASTIC FIRM moist. CL/ML

SAMPLE COLLECTED FOR: [x] FIELD SCREENING [x] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		[ ] SOIL [ ] SED [ ] WATER			[ ] FEET [ ] INCHES	[ ] SOIL PROBE [ ] SURFACE SOIL [ ] BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: [ ] FIELD SCREENING [ ] LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN OU-1 SITE: LA-59

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-59-02-04		☑ SOIL ☐ SED ☐ WATER	2-8-96	10:05	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=1 2" recovery only from 2-4' Mixed black oily/TAR & gravelly SILTY clay, ODOR, MOIST, sticky clay sections

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-59-04-06		☑ SOIL ☐ SED ☐ WATER	2-8-96	10:33 ~~10:05~~ JJ	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=7@ Seam@ 5' w/ Black Tar, wet GRAY SILTY CLAY w/ Seams of Sticky TAR Then gray SILTY CLAY BELOW 5', SL. PLASTIC, STIFF, DAMP CL/ML

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
–		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Morgantown OU-1 SITE: LA-60

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-60-02-04	Lodes Clean	☑ SOIL ☐ SED ☐ WATER	2-8-96	13:00	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
TOP 0.4' appears an dk. gray, silty clay, organic rich, SL. plastic, firm, moist SL Then 2.4'-4' is Brown silty clay SL. plastic/No contamination

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-60-04-06	Lodes Clean	☑ SOIL ☐ SED ☐ WATER	2-8-96	13:20	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
As Above
Brown to orange brn. silty clay, firm, SL. plastic firm w/c

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Morgantown OU-1 SITE: LA-61

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-61-02-04		☐ SOIL ☐ SED ☐ WATER	6-8-96	1330	2-4 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
Yellow brown silty clay, SL. plastic, stiff, Damp, Blocky - CL
Looks clean

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-61-04-06		☑ SOIL ☐ SED ☐ WATER	6-8-96	1335	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
As above but more mottled w/ variable colors - silty clay w/ MnO on fine faces. ML/CL Looks clean

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-62

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 62 SD-02	SD-02	☑ SOIL ☐ SED ☐ WATER	2/12/96	9:41	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID - ND grey silt with at top - large of block
Lt brown silt clay, mottled w/ black organic - roots, leaf, ash to 6" - 3" wide

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 62 SD-04	SD-04	☑ SOIL ☐ SED ☐ WATER	2/12/96	9:41	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID: ND
Lt brown silt clay, mottled w/ black organic (not grit). Grey silt clay on bottom

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-63

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-63 00-02	00-02	☒ SOIL ☐ SED ☐ WATER	2-10-96	9:20	0-2 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=6
Black grit. sand. silver crystals, brick. tar

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 63 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2-10-96	9:20	2-4 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=24 - tar odor
Moistly black. tar. grit. wet-sheen. some green colored pellets. some brick

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-63 04-05.5	04-05.5	☐ SOIL ☐ SED ☐ WATER	2-10-96	9:30	4-5.5 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=6 ppm
1st Retrieval of 4 ft boring → top portion of borings = silver metal bits + tar
bottom: relic from well
upper brown clay matrix w/ white

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER		4:	☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-64

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 64	00-02	☒ SOIL ☐ SED ☐ WATER	2/12/96	1000	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No disp. odor
18" of Black soil, some tar chunks, roots, debris

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-64	02-04	☒ SOIL ☐ SED ☐ WATER	2/12/96	1001	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND
Bottom of Sample (1') = solid firm tan to gray clay some red, some color

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-65

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-65 00-02	00-02	☒ SOIL ☐ SED ☐ WATER	2-12-96	1015	0-2 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 3 ppm
Mostly Black Ash/coal w/ tar, brick brown silty clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-65 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2-12-96	1015	2-4 ☐FEET ☐INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 7 ppm slight odor
6" tar lense underlain by brown silty clay mottled w/ black ~1.5 ft thick

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-66

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-66 00-02	00-02	☒ SOIL ☐ SED ☐ WATER	2-12	10:30	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 12 ppm - odor; Brown silty clay w/black grit underlain by 3.5' of solid tar - v. viscous shiny - colorful sheen

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-66 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2-12	10:30	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Bottom 2.5' of sample = tar

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-66 04-06	04-06	☐ SOIL ☐ SED ☐ WATER	2-12	10:50	4-6 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 6 ppm - slight odor; ≈ 8" tar underlain by 3' of tan clay mottled w/ white (black near top)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-66 06-08	06-08	☐ SOIL ☐ SED ☐ WATER	2-12	10:50	6-8 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): 2' of tan clay mottled w/ white & black throughout

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-67

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-67 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2-12-91	13:30	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND
6-8" black grit underlain by yellow brown - clay mottled w/ white

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-67 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2-12-91	13:30	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND
2' of yellow-brown silty clay into white clayey silts mottled w/ yellow-brown
moist - very tenacious bottom

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-68

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-68 00-02	NJ	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:25	0-2 ☐ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): Spent metal catalyst pellets + brick + ash — 2ft

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-68 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:26	2-4 ☐ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 45 (Creosote odor) ≈ 2 feet of solid tar

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-68 04-06	~~NJ~~ 04-06'	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:30	4-6 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): 4" tar (rainbow sheen) underlain by lt brown to orange silty clay

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-68 06-08	~~06-08~~	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:31	6-8 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): mostly tan-orange silty clay + clay - Mottled w/ white - firm,

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-19

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-19 ✓	00-02	☐ SOIL ☐ SED ☐ WATER	2-11-96	9:50	0-2 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
clay, some black grit, yellow-brown

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-19 ✓	02-04	☐ SOIL ☐ SED ☐ WATER	2-11-96	9:51	2-4 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
Clay, ~~SS~~ moist at bottom, tan-yellow brn, mottled w/ 30% gravel

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: DOWNTOWN OU-1 SITE: LA-20

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-20-03-04	LA-20-03-04	☑ SOIL ☐ SED ☐ WATER	2-4-96	11:20	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) LIGHT BROWN SILT TO CLAYEY SILT NON-PLASTIC, STIFF-V. STIFF, DRY, CLAY, ML. NO ASH = ODS WHITE CONT.

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-20-04-05		☑ SOIL ☐ SED ☐ WATER	2-4-96	11:30	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) TOP 1' IS DEEP REDDISH BROWN, W/ BLACK ORGANICS CLAYEY SILT - FRIABLE MOIST BELOW THAN SILT TO CLAYEY SILT NON-PLASTIC STIFF TO V. STIFF, DRY, BLOCKY W/ PINKISH FACES ML

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-20-10-11		☑ SOIL ☐ SED ☐ WATER	2-4-96	~~11:45~~ 12:45	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) BROWN W/ PINKISH GRAY HIGHLIGHTS, CLAYEY SILT, SILTY CLAY, MUDPLASTIC, WET, BLACK W/ FRACTURES (NEW OPEN) ML/CL

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-21

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-21 04-06	04-06	☑ SOIL ☐ SED ☐ WATER	2-13-96	10:45	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND No odor
yellow-brown to tan silt clay, some black ash, some yellow/brown sand mottled w/ white color

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-21 06-08	06-08	☑ SOIL ☐ SED ☐ WATER	2-13-96	10:46	6-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
yellow-brown - tan silt clay & clay mottled w/ white color, tan black color/ash

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-21 04-06 D		☐ SOIL ☐ SED ☐ WATER		10:46	4-6 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

PLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
Same as LA-21- 04-06 (DUP)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PR CT: Morgantown DU-1 SITE: LA-22

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 22 ~~SA~~-22-00-04	LA ~~SA~~-22-02-03	☑ SOIL ☐ SED ☐ WATER	2-7-96	10:30	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) 56 PID reading @ 2' bgs Sample @ 2'
All black tar & ash, smelly like tar, mixed w/ silty clay; saturated black viscous tar @ 3'-4' - very bad 1.5'-2.5' firm tar

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
* LA-22-04-08	LA-22-07-08	☑ SOIL ☐ SED ☐ WATER	2-7-96	10:40	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) 5 attempts to get sample - only recovery from 6'-8' - likely too wet to collect 4-6' depth - top 2" is olive gray shading int yellow & orange silty clay, non-plastic, some gray, stiff, damp, blocky ML/CL

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-22-08-12	LA-22-08-09	☑ SOIL ☐ SED ☐ WATER	2-7-96	10:55	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) ~~Allowed to get sample (5)~~ [illegible] at 8.1' to gray & brown red clay, sl. plastic, very stiff, damp, v. thinly laminated CL; at 10' change to yellow & orange & red dry silty clay; drier below

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
* Contamination appears to extend to ~6' bgs. - could not collect ~~between~~ between 4' to 6' - too wet

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgan Drive SITE: LA-23

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-23 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2-13-96	10:15	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND slight Nap odor
black oil yellow-brown sand, brick fragments

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-23 06-08	06-08	☒ SOIL ☐ SED ☐ WATER	2-13-96	10:21	6-8 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor
yellow brown - tan silty clay mottled w/white + trace black

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

PLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Morgantown DU-1 SITE: LA-24

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-24-00-04	LA-24-02-04	☑ SOIL ☐ SED ☐ WATER	2-7-96	1330	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
Surface ash to ~4" then to 1.5" Light brn. silty fine sand, loose, moist, fine; 1.5"-4" Black gravelly, sandy, silty tar/ash, saturated

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-24-04-08	LA-24-07-08	☑ SOIL ☐ SED ☐ WATER	2-7-96	1336	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ~~☐ BAILER~~

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Poor Recovery.
As above to 7" then gradual color change to Dk. Gray to Greenish gray to yellow brn. silty clay, non-plastic to sl. plastic, stiff, damp, cavings, blocky CL

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-24-08-12	LA-24-08-09	☑ SOIL ☐ SED ☐ WATER	2-7-96	1340	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
White, yellow, gray silty clay, sl. plastic to ~10" then, non-plastic, dry below 10", platy, Fe inclusions, fine sandy, silty, clay, clay & silt ML/CL

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA 25

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-25 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/15/96	0840	0-2	☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 2 slight Nap odor
black silt/ash, brick, grey (cement) stone-like material, 1" tar layer

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-25 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/15/96	0844	2-4	☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = NA slight Nap odor
black ash; grey cement/stone material; TAR layer ~0.5", undulating, brown/grey silty clay mottled w/ black (BD)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE _____ DATE 2/15/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN OU-1 SITE: LA-26

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-26-00-04	LA-26-00-01	☑ SOIL ☐ SED ☐ WATER	2-9-96	0840	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Black Gravelly, sandy ash, to 1' PID=0 Then mixed ash layers & soil to 4' - Damp to moist

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-26-04-08	LA-26-07-08	☑ SOIL ☐ SED ☐ WATER	2-9-96	0850	4-8 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Very mucky - only 1' Recovery because the wet to go into tube - it just moves out of way - PID=0 Black, gravelly ash. Saturated, sheen at end of spoon - (may be of 4'-5' interval)

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-26-08-12	LA-26-08-09	☑ SOIL ☐ SED ☐ WATER	2-9-96	0855	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0
1. Tube is All Below Ash so last sample tube (because of poor recovery) didn't see the transition to this soil; all Yellow & Gray Brown; V.F. sandy silty, clay; Nonplastic, loose in lenses, to very stiff, layered clay & sandy lenses, some cemented, ML/CL

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Fractures & loose lenses may have black ooze seeping at depth

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-27

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-27 00-02	00-02	☒ SOIL ☐ SED ☐ WATER	2/15/96	0825	0-2 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) 2' recovery total (macro tube) - 1.5' ~~solid~~ oil / fine grit						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-27 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2/15/96	0826	2-4 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) 1.5' ~~solid~~ fine grit/oil						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PR CT _____ SITE LA-28

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-28-00-04		☑ SOIL ☐ SED ☐ WATER	2-2-96	10:15	0'-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) 4' sample 0-0.5' yellow brn w/ roots 0.5'-3.5' lt. red. brown, blocky dense silt moist w/ 2 black organic lenses - 3.5' reddish yellow silt mottled, v. dense

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-28-04-02	LA-28-06-07	☑ SOIL ☐ SED ☐ WATER	2-2-96		4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) FILL TO ~6.5' yellow red, mottled silt, clayey silt, v. firm, blocky, 6'-7' black ash like mat'l. moist; 7'-8' red brn silt, thinly laminated v. firm w/ gray lenses, platy

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-28-05-12	←	☑ SOIL ☐ SED ☐ WATER	2-2-96	10:35	8-12 ☑ FEET ☐ INCHES	☑ SOIL PRO[illegible] ☐ SURFACE [illegible] ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) All natural - pale to weak red clayey silt, v. thinly laminated, med. plastic moist, v. dense no sample

SAMPLE COLLECTED FO N/A ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED F ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED F ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COL[illegible] F ☐ FIELD SC[illegible]ENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-29

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 29	00-02	☐ SOIL ☐ SED ☐ WATER	2-11-96	9:25	0-2 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
Silty clay, moist, firm, yellow-brown mottled w/ grey

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-29	00-02	☐ SOIL ☐ SED ☐ WATER	2-11	9:33	6-8 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
Clay - natural appearance, sl. moist, copper colored & yellow brown

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN CCI-1 SITE: LA-30

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-30-00-02		☑ SOIL ☐ SED ☐ WATER	2-4-96	14:45	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): BLACK, C. SANDY ASH, LOOSE, MOIST TO WET OVER LIGHT BRN, SANDY, SILT, TR. C. SAND (FILL) WET, SL. PLASTIC

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-30-04-05		☑ SOIL ☐ SED ☐ WATER	2-4-96	15:00	4-8 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): MOIST BRN., OLIVE BRN., ? LT. BRN. SILT & CLAYEY SILT (FILL?) NON-PLASTIC, V. STIFF, DAMP, MOTTLED & BLOCKY ML

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-30-05-09		☑ SOIL ☐ SED ☐ WATER	2-4-96	15:05	5-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): LAY LT. BRN SILT/CLAYEY SILT TO 9" THEN MASSIVE, NON-PLASTIC, V STIFF CLAYEY SILT - DK BRN ML

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-31

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-31 04-06	04-6	☑ SOIL ☐ SED ☐ WATER	2-13-96	10:03	4-6 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND Neg. Odor esp. at top
2" gravel rainbow colored at top underlain by yellow-brown to copper silt clay & clay, some sand - yellow

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-31 06-08	06-8	☑ SOIL ☐ SED ☐ WATER	2-13-96	10:03	6-8 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
Yellow brown & copper clay mottled with white, firm, moist

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-31 04-06D ~~06-08~~	04-06 D ~~06-08 D~~	☑ SOIL ☐ SED ☐ WATER		10:03	4-6 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

PLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) (4-6') (2 above)
Same as Above

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

PLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN OU-1 SITE: LA-32

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-32-03-04		☑ SOIL ☐ SED ☐ WATER	2-4-96	16:10	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) w/ Coal pieces
Blk. ish to 1.5, Then 1.5 Brn. silt, Then Black, v. well sorted sandy silt, saturated to bottom

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-32-05-06		☑ SOIL ☐ SED ☐ WATER	2-4-96	16:35	4-8 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) only 4-6.5 Recovered
Only soft, wet, clayey silt, Then to 5, Then Lt. Brn. silt, Non-plastic stiff to v. stiff, Blocky ML

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☑ SOIL ☐ SED ☐ WATER	2-4-96		8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
2 ATTEMPTS FAILED TO GET Sample - LOST since in process

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Glen Morgantown SITE: LA-33

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-33 02-04	02-04	☐ SOIL ☐ SED ☐ WATER	2/15/96	0955	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)
Orange sand some silt mixed with fine black grit, 2" fine grit at base of sample

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-33 04-06	04-06	☐ SOIL ☐ SED ☐ WATER	2/15/96	1000	4-6 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (Slight nap. odor)
14" fine black grit/ash undulate by 6" gray to brown silty clay mottled w/ black grit
Some rainbow sheen on grit

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: MORGANTOWN - OU-1 SITE: LA-34

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LD-34-00-04 Dup LA-34-00-04	LA-34-00-03	☑ SOIL ☐ SED ☐ WATER	2-9-96	0910	0-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) ALL mixed soil & ash - PID=0 well graded fill w/ gravel-size black hard ash & brick pieces, & clayey soil all fill

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-34-04-08	LA-34-07-08	☑ SOIL ☐ SED ☐ WATER	2-9-96	0915	4-8 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0 Fill to ~7' As above then sharp black contact w/ yellow brown clay (organics?) that gradually turns lighter going over 0.5' into clay below, Clay is Sl. plastic, firm to stiff, damp, cleaner w/ apparent organics in it.

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-34-08-12	LA-34-11-12	☑ SOIL ☐ SED ☐ WATER	2-9-96	0935	8-12 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=0 ... mostly clean soil; Gray & Rusty Brown silty clay; becomes drier below 11'; Sl. PLASTIC, damp to moist, blocky; from 11'-12' MnO is apparent (black) on fract. faces.

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-73

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-73 02-02	02-02	☐ SOIL ☐ SED ☐ WATER	2/15/96	1402	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)
1 ft grit ash underlain by 1 ft of firm yellow brown silty clay w/ white mottling

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-73 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2/15/96	1405	2-4 ☐ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (Slight unknown odor (unidentified))
Soft brown orange silty clay trace stone/gravel

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-74

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-74 02-02	02-02	☑ SOIL ☐ SED ☐ WATER	2/15/96	1347	0-2 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 13 (Slight Nap odor) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS
gray silty clay turning to light brown/tan brown bottom of sample
Several 3-4" layers of ash/tar in sample

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-74 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/15/96	1352	2-4 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 3 ppm (Slight Nap odor) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS
tan/light brown silty clay (gray brown top) mottled w/ black, some white color

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-75

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-75 00-02	00-02	☒ SOIL ☐ SED ☐ WATER	2/15/96	1333	0-2 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 68 ppm Neg ~~[illegible]~~ odor
dark grey mixed w/ brown silty sand u-daylight to 1' of tar

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-75 02-04	02-04	☐ SOIL ☐ SED ☐ WATER	2/15/96	1337	2-4 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):
Soil is tar → No sample taken (2' retrieval)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-75 04-06	04-06	☒ SOIL ☐ SED ☐ WATER	2/15/96	1339	4-6 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND (slight No odor)
1 ft of tar underlain by yellow brown to copper tan silty clay & clay some black mottling

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE _____ DATE 2/15/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-7

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-76 00-02	00-02	☐ SOIL ☐ SED ☐ WATER	2/15/96	1303	0-2 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND (No odor) ~5" grit at top of sample underlain by gray silty clay mottled w/ black. Underlain by orange/brown silty clay — f

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-76 00-04	00-04	☐ SOIL ☐ SED ☐ WATER	2/15/96	1307	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND (No odor) brown silty clay — firm sl. moist

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-77

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-77 02-02	02-02	☒ SOIL ☐ SED ☐ WATER	2/15/96	1320	0-2 ☐ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND (No odor) Gray silty clay mottled w/ black organic material underlain by tan/brown silty clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-77 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2/15/96	1325	2-4 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND Brown silty clay mottled w/ black color (organic) & some white color, firm

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-78

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-78	00-02	☒ SOIL ☐ SED ☐ WATER	2/15/96	1435	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☒ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (organic odor)
Brown soft silty clay mixed w/ organic material (leaves etc) underlain by yellow-brown silty soil firm.

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE [illegible] ☐ BAILER

S[illegible]LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S[illegible]LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLE[illegible] FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-79

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-79 8-10	08-10	☐ SOIL ☐ SED ☐ WATER	2/15/96	1630	8-10 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND

Tan brown silty clay mottled w/ black color - slightly dry

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA79 10-12	10-12	☐ SOIL ☐ SED ☐ WATER	2/15/96	1630	10-12 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND

Copper / white orange clay & silty clay w/ black mottling brown / tan

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Ohm Morgantown SITE: LA-80

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-80 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/15/96	1530	0 2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND
2" grit/ash at 2" bgs, underlain by yellow brown/tan silty clay mottled w/ black, white — some black organic [illegible]

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			~~2-4~~ ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
0-2 sampled only (based on Immunoassay results for LA-82)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER

S[illegible]LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S[illegible]LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLL[illegible] FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE [signature] DATE 2/15/96

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-81

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-81 00-03	00-03	☐ SOIL ☐ SED ☐ WATER	2/15/96	1550	0-3 ☐FEET ☐INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 0 Nap. Odor
ashy
Tar at surface 13" underlain by soft gray silty clay underlain by tan silty clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-82

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-82 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/10/96	0915	0-2 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)
Coarse ash lenses (5"-6") between/mixed with brown to orange sand, some brick

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-82 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/10/96	0919	2-4 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)
1-ft recovery, ash, coarse (some grown-sized), brick, orange sand, brown, moist silty clay

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLL[illegible] FO ☐ FIELD SCR[illegible]NING ☐ LAB ANALYSIS

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TEPRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-83

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-83 04-06	04-06	☑ SOIL ☐ SED ☐ WATER	2/16/96	0935	4-6 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☑ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID: 4 ppm (tar odor) — ash - rainbow colored wet (tar-oil), underlain by 6" gray (black) silty clay (black, nothing) underlain by firm light brown silty clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-83 06-08	06-08	☑ SOIL ☐ SED ☐ WATER	2/16/96	0939	6-8 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) — Yellow brown/orange silty clay mottled w/ white + orange clay, firm, sl. moist

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-84]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-84 04-06	04-06	☑ SOIL ☐ SED ☐ WATER	2/16/96	1040	4-6	☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) gray silty clay from sl. moist underlain by light brown silty clay						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA 84 06-08	06-08	☑ SOIL ☐ SED ☐ WATER	2/16/96	1044	6-8	☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor yellow brown silty clay mottled w/ black color, slightly moist firm						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-84 06-08A	DUP	☑ SOIL ☐ SED ☐ WATER	2/16/96	1044	6-8	☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Same as above						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-35

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-35 00-03	00-02	☑ SOIL ☐ SED ☐ WATER	2/15/96	1641	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 2 ppm (Nap. odor) [illegible] soil on 3" bags [illegible] soft gray silty clay mottled w/ black [illegible]

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-35 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/15/96	1648	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = (ND) Soft gray silty clay turning to tan/brown [illegible] horizon 1' Some black specks throughout

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-86]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-86 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/16/94	1614	0-2 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor
20' brown – 7" brown silty soil w/ organic material over 13" – slightly orn tan silty soil, some black mottling

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-97]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-97 00-02	00-02	☐ SOIL ☐ SED ☐ WATER	3/16/96	1605	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID - ND ND odor

Soft brown silty clay with organic, trace ash, undulan by light brown Tan → Silty clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TE' RAPROBE FIELD INVESTIGATION RECORD

PROJECT _____ SITE LA-88

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-88 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/16/96	1555	0-2 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
16" recovery — top 6" = soft grey silty clay trace black ash, organ over Tan/light brown silty clay firm, wet towards

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLE[illegible]OR ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-69

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-69 02-02	02-01	☑ SOIL ☐ SED ☐ WATER	2/14/96	15:15	0-2 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 0 Slight Nap. odor
1ft gravel/fill underlain by soft tan to gray silty clay mottled w/ black

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-69 02-04	02-04	☐ SOIL ☐ SED ☐ WATER	2/14/96	15:26	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 0
brown silty clay + clay mottled w/ black organic + white color

SAMPLE COLLECTED FOR: ☑ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-70

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-70	02-02	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:55	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND (no odor)
Large ash/grit mixed w/ brown/tan silty clay, wet

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-70	02-04	☒ SOIL ☐ SED ☐ WATER	2/14/96	15:56	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=ND
(~2.5 feet retrieval total) bottom 1.5' = tan/brown silty clay mottled w/ black organic material (woody) + some wh

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-71

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-71 00-02	00-02	☐ SOIL ☐ SED ☐ WATER		15:00	0-2 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 0 (No odor) 2' Fine Ash grit brick pieces

SAMPLE COLLECTED FOR: ☒ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-71 02-04	02-04	☐ SOIL ☐ SED ☐ WATER		15:01	2-4 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 0 No odor Yellow-brown silty clay mixed w/ brick pieces, ash

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-71 04-06	04-06	☒ SOIL ☐ SED ☐ WATER		15:04	4-6 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 0 Soft, gray-brown silty clay moist, some ash

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-71 06-08	~~[illegible]~~	☐ SOIL ☐ SED ☐ WATER		15:06	6-8 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = 0 brown silty clay mottled w/ white, gravel, orange silt bottom — copper white clay

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: Olin Morgantown SITE: LA-72

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-72 02-02	02-02	☑ SOIL ☐ SED ☐ WATER	2/14/96	1600	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID - ND. No odor. brown silty clay fine moist, some black orb

SAMPLE COLLECTED FO: ☑ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-72 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/14/96	1600	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): PID = ND. tan to orange silty clay some black mottling, slightly dry

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-72 02-04D	02-04D	☑ SOIL ☐ SED ☐ WATER	2/14/96	1600	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.): See above

SAMPLE COLLECTED FO: ☑ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.):

SAMPLE COLLECTED FO: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE LA-89

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-89 00-03	00-03	☒ SOIL ☐ SED ☐ WATER	7/6/96	1550	0-2 ☐FEET ☐INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor

18" gravel → 8" soft brown silty clay w/ organic material over more firm tan to orange silty clay – some black mottling

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-90]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-90 00-02 ~~00-06~~	00-02 ~~04-06~~	☐ SOIL ☐ SED ☐ WATER	3/16/96	14:58	0-2 ~~4-6~~ ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 1 ppm No odor SOVM burnt tarlosh large fragment 2-5" bgs, 10-12" bgs and 24-30" rest of sample is yellow brown silty clay mottled w/ black, trace brick						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-90 03-04 ~~06-08~~	03-04 ~~06-08~~	☐ SOIL ☐ SED ☐ WATER	3/16/96	1500	2-4 ~~6-8~~ ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 37 No odor 1 ft recovery → soft grey to tan silty clay stained black several inches in plows						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-90 04-06	04-06	☐ SOIL ☐ SED ☐ WATER	3/16/96	1505	4-6 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) Tan to orange silty clay mottled with white and some black near top						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-91]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-91 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/16/96	1515	0-2 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) 3" gray silty clay w/ organic, 2" ash layer, yellow-brown silty clay w/ some gravel, small pieces of metal, hard to grey, dark grey silty clay mottled						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-91 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/16/96	1530	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) firm, sl. moist tan silty clay mottled with white + copper color						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: QIN Morgantown SITE: LA-92

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-92 02-02	02-02	☒ SOIL ☐ SED ☐ WATER	2/16/96	~~1059~~ 1055	0-2 ☒ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 56 ppm (Neg. odor)
1 ft of yellow brown silt clay underlain by 4" of hardened tar-rush underlain by 6" of soft gray silt

SAMPLE COLLECTED FC ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-92 02-04	02-04	☒ SOIL ☐ SED ☐ WATER	2/16/96	1058	2-4 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID: ND No odor
Yellow brown silt clay mottled with white

SAMPLE COLLECTED FC ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FC ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FC ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FC ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SA[illegible]LE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLL[illegible] FC ☐ FIELD SC[illegible]NG ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE LA-93

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-93 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/16/96	0944	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 3 ppm (smells of Naap) mostly coarse sand one piece of v. hard burnt tar						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-93 04-06	04-06	☑ SOIL ☐ SED ☐ WATER	2/16/96	0952	4-6 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) Yellow brown silty clay mottled with white + copper						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-93 06-08	No Sample	☑ SOIL ☐ SED ☐ WATER	2/16/96	0955	6-8 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) Yellow brown silty clay mottled with white + copper						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT: DIN Morgantown SITE: LA-44

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-44 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/16/96	1031	2-4 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor
Firm to orange yellow brown silty clay mottled w/ white color. Firm, slightly dry near top
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-44 04-06	04-04	☑ SOIL ☐ SED ☐ WATER	2/16/96	1034	4-6 ☐ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
→ Sample Not taken due to clean-looking soil above
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA - 95]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-95 02-02	02-02	☑ SOIL ☐ SED ☐ WATER	2/16/96	1010	0-2 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID=4.0 Naphthalene odor brown/tan silty clay 1st - underlain by 2 layers of rind tan/						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-95 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/16/96	1014	2-4 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID =						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-96]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-96 00-02	LA-96 00-02	☑ SOIL ☐ SED ☐ WATER	2/16/96	1130	0-2 ☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (gl. Nap. odor) 3" layer of tarlash at 3" bgs - [illegible] but not [illegible] by the silty clay - slight [illegible]						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) No 2-4' sample taken						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-97]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-97 00-03	00-03	☒ SOIL ☐ SED ☐ WATER	2/16/96	1140	0-3 ☒ FEET ☐ INCHES	☒ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
1 ft of soft brown silty clay mixed w/ organic underlain by light brown silty clay mottled with black

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☒ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
No 2-4' sample taken

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE LA - 98

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-98 00-02	~~00-02~~ No sample (soil.)	☐ SOIL ☐ SED ☐ WATER	2/16/96	1150	0-2 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor

6" tan silty clay organic material underlain by 3" ash

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-98 02-04	02-04	☐ SOIL ☐ SED ☐ WATER	2/16/96	1153	2-4 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)

18" recovery = All ash wet

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-98 04-06	04-06	☐ SOIL ☐ SED ☐ WATER	2/16/96	1155	4-6 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER

SA[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

2" recovery = Ash

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-98 06-08	06-08	☐ SOIL ☐ SED ☐ WATER	2/16/96	1200	6-8 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

No recovery — Wet ash

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SA[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLL[illegible] O ☐ FIELD SCR[illegible]NG ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA - 94]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-94 03-02	03-02	☐ SOIL ☐ SED ☐ WATER	7/16/94	1530	0-2 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

3" gray silty clay w/organic material (leaves) over 8" ash + pellets, maybe hard tan over 10" tan silty clay mottled w/ orange + yellow

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-94 03-04	03-04	☐ SOIL ☐ SED ☐ WATER	7/16/94	1535	2-4 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

Tan to copper silty clay mottled with white color. Firm, moist

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-100]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-100 0002	00-02	☒ SOIL ☐ SED ☐ WATER	7/16/96	14:09	0-2 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND No odor
Mixed ash, catalyst pellets white sand on sink paper mortar

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-100 02-04	02-04	☐ SOIL ☐ SED ☐ WATER	7/16/96	1412	2-4 ☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor)
2" white wet sand at top underlain by 1.5' of tan silty clay firm sl. moist mottled w/ gray towards top

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐FEET ☐INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-101]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-101 00-02	00-02	☑ SOIL ☐ SED ☐ WATER	2/16/91	1420	0-2 ☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = 3 unidentifiable odor

3" gray silty clay topsoil (moist w/organics), over 4" sand & catalyst pellets over 4" of red silty clay, yellow specks over 4" soft silty soil — black w/

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-101 02-04	02-04	☑ SOIL ☐ SED ☐ WATER	2/16/91	1424	2-4 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID =

V. little return → white rocks in wet black sandy silt

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-102]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-102 02-02	02-02	☐ SOIL ☐ SED ☐ WATER	2/16/96	1442	0-2	☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND 18" fine black ash, wet but No shiny color or odor						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-102 03-04	03-04	☐ SOIL ☐ SED ☐ WATER	2/16/96	1447	2-4	☑ FEET ☐ INCHES	☑ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.) PID = ND (No odor) 4" Recovery only → wet fine black ash						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☑ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE S[illegible] ☐ BAILER
S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLECTED FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER
SA[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)						SAMPLE COLLE[illegible] FO ☐ FIELD SCREENING ☐ LAB ANALYSIS

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TERRAPROBE FIELD INVESTIGATION RECORD

PROJECT [ ] SITE [LA-103]

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
LA-103	LO-07	☐ SOIL ☐ SED ☐ WATER	7/16/96	1434	0-1 ☑ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)
TOS 1' = black ash over red brick pieces/and sand (dry) undulous by gray silty clay mottled w/ orange & red and yellow brown silty clay mottled w/ black — firm

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

S[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SAMPLE OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SAMPLE ID (ISIS)	SAMPLE ID (REF)	MATRIX	DATE	TIME	DEPTH	COLLECTION METHOD
		☐ SOIL ☐ SED ☐ WATER			☐ FEET ☐ INCHES	☐ SOIL PROBE ☐ SURFACE SOIL ☐ BAILER

SA[illegible]E OBSERVATIONS (TEXTURE, ODOR, COLOR, ETC.)

SAMPLE COLLECTED FOR: ☐ FIELD SCREENING ☐ LAB ANALYSIS

SIGNATURE _____ DATE ___/___/___

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/94

PROJECT: CLEN MORGANTOWN W.V.

LOCATION ACTIVITY START: 1440 END: 1445

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-01

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 5.5 DEG C.

pH: 5.8 UNITS

SPEC. COND.: 65 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER STAGNENT NO FLOW

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

S E OBSERVATIONS:
- [ ] ODOR
- [ ] COLORED HUE 10YR-5/4 YELLOWISH BROWN

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: fine silt

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [x] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CTAH	MODIFIED 3550/8100			NA			DS1-01

NOTES: STAGNENT AREA - NO FLOW - LOGGED ALL AROUND. DS1-01 ~ 150 ft from DS1-02

MD 8/9/89

SIGNATURE:

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1527 END: 1537

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-02

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: Ø FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: N/A DEG C.

pH ..... N/A UNITS

SPEC. COND.: N/A umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER UNDIFINE BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☐ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: SILT

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☐ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLU ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

S' E OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR-3/3 ☐ DARK BROWN

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ cPAH	MODIFIED 3550/8100	☐	☑	NA		☐	DS1-02

NOTES: NO WATER FLOW - UNDIFINED BROOK AREA - NO TEMP, pH, Cond, mV available - logged area - LOT #0336101F

MD 8/9/89

SIGNATURE: [signature]

AR302444

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1510 END: 1518

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-03

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.01 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 7.2 DEG C.

pH ..... 6.0 UNITS

SPEC. COND. 85 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER DRAIN

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 3 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SILTY

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [x] S.S. SPLIT SPOON
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 10YR - 5/4
- [ ] YELLOWISH BROWN

FIELD QC DATA: [x] FIELD DUPLICATE COLLECTED. DUP ID DS1-D3

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[ ]	DS1-03 / / /
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[ ]	DS1-03 / / /

NOTES: LOW FLOW AREA – LOGGED ALL AROUND – DUPLICATE TAKEN – DS1-03 ~ 150 ft upstream of DS1-04

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SIGNATURE:

AR302445

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: CLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1459 END: 1506

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-04

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.1 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 5.8 DEG C.

pH ..... 6.0 UNITS

SPEC. COND. 65 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER BROD

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☐ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 4 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: SILTY

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE ☐

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLU ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

SAMPLE OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR 5/4 ☐ YELLOWISH BROWN

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ CIAH	MODIFIED 3550/5100	☐	☑	NA		☐	DS1-04

NOTES AREA LOGGED UPSTREAM - DS1-04 ~ 100 ft upstream of DS1-05
Sample taken ~~p~~ ADJACENT TO STEAK / VERY LITTLE FLOW

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AR302446

ABB ENVIRONMENTAL

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FIELD DATA RECORD - SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1450 END: 1457

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-05

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 6.0 DEG C.

pH ..... 5.9 UNITS

SPEC. COND. 64 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [x] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 3 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [x] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [ ] OTHER:

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 10YR - 4/4
- [ ] DARK YELLOWISH BROWN

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/1600		[x]	NA			DS1-05

NOTES DS1-05 ~ 120ft upstream of DS1-06 - AREA HAS BEEN LOGGED

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SIGNATURE: [signature]

AR302447

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1440 END: 1446

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-06

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 6.3 DEG C.

pH ..... 5.8 UNITS

SPEC. COND. 85 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☐ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 5 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

SAMPLE OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR-4/3 BROWN

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: fine silt cobbles

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLU ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ CPAH	MODIFIED 3550/8100	☐	☑	NA		☐	DS1-06

NOTES: LOGGED AREA UPSTREAM DS1-06 ~100ft upstream from DS1-07 - DS1-06 is ~20ft upstream of new road

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ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/10/96

PROJECT CLINE MORGANTOWN WV

LOCATION ACTIVITY START: 1418 END: 1427

SW SAMPLE LOCATION ID

SD SAMPLE LOCATION ID DS1-07

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER FT

TEMPERATURE 5.7 DEG C.

pH ..... 6.6 UNITS

SPEC. COND. 73 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE IN

TYPE OF SAMPLE COLLECTED
- [ ] DISCRETE
- [x] COMPOSITE

SAMPLE OBSERVATIONS
- [ ] ODOR
- [x] COLORED HUE 10YR-4/3 BROWN

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SILTY FINE SAND

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [x] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100		[x]	NA		[x]	DS1-07 / / /

NOTES AREA UPSTREAM LOGGED RECENTLY – DS1-07 ~ 100 ft upstream of DS1-08

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SIGNATURE:

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1359 END: 1408

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-08

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 6.4 DEG C.

pH ..... 5.6 UNITS

SPEC. COND. 73 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☐ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: SILTY SAND

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE ☐

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLU ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

SAMPLE OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR-4/6 ☐ DARK YELLOWISH BROWN

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ cPAH	MODIFIED 3550/8100	☐	☑	NA		☐	DS1-08

NOTES AREA UPSTREAM LOGGED - DS1-08 ~ 100 ft from upstream of DS1-

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AR302450

SIGNATURE: [signature]

* SEE [illegible]

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1339 END: ~~1353~~ 1355

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS1-09

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 5.5 DEG C.

pH ..... 5.7 UNITS

SPEC. COND. 69 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 4 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: silty fine sand

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 10YR-5/4
- [ ] YELLOWISH BROWN

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[ ]	DS1-09

NOTES SAMPLE TAKE ADJACENT TO STEAK – DS1-09 ~ 50ft FROM DS1-10
AREA UPSTREAM LOGGED RECENTLY

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SIGNATURE: [signature]

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* SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/10/96

PROJECT OLLL MORGANTOWN W.V.

LOCATION ACTIVITY START: 1328 END: 1337

SW SAMPLE LOCATION ID

SD SAMPLE LOCATION ID DS1-10

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER FT

TEMPERATURE 5.7 DEG C.

pH ..... 5.6 UNITS

SPEC. COND. 71 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER Brook

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 6 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

SAMPLE OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR-5/4 YELLOWISH BROWN

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: Silty fine Sand

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ cPAH	MODIFIED 3550/8100		☑	N/A		☑	DS1-10

NOTES DS1-10 ~ ~~100ft~~ 80ft from DS1-11

SIGNATURE

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1315 END: 1324

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: ~~SD~~ CD DS1-11

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.06~~ CD 0.5 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 5.7 DEG C.

pH ..... 5.6 UNITS

SPEC. COND. 68 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [x] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED:
- [x] DISCRETE
- [ ] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 10YR-5/3
- [ ] BROWN

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: fine sand

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [x] LIQUI-NOX
- [ ] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[ ]	DS1-11

NOTES SAMPLE TAKEN ADJACENT TO STEAK ~ DS1-11 ~ 250ft from DS1-12 upstream

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AR302453

SIGNATURE: [signature]

~~SEE~~ TOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/10/96

PROJECT OLIN MORGANTOWN W.V.

LOCATION ACTIVITY START: 1300 END: 1312

SW SAMPLE LOCATION ID

SD SAMPLE LOCATION ID SD1-12

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION ~~0.05~~ 0.5 FT

DEPTH OF SAMPLE FROM TOP OF WATER FT

TEMPERATURE 4.4 DEG C.

pH ..... 5.6 UNITS

SPEC. COND. 63 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/LA ☑ SEEP ☑ OTHER BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☐ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☐ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 5 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

S' E OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 10YR-4/3 BROWN

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: MEDIUM SAND

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☑ S.S. SPLIT SPOON ☐ HAND SPOON ☑ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

FIELD QC DATA: ☑ FIELD DUPLICATE COLLECTED. DUP ID DS1-D12

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ CPAH	MODIFIED 3550/3100	☐	☑	NA		☐	DS1-12
☑ CPAH	MODIFIED 3550/8100	☐	☑	NA		☐	DS1-D12

NOTES SAMPLE LOCATION IS AT BASE OF STEEP EMBANKMENT ~ 15 ft upstream of railroad tracks

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AR302454

SIGNATURE:

* SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 1037 END: 1046

SW SAMPLE LOCATION ID:

SD SAMPLE LOCATION ID: DS2-01

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.02~~ 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 2.4 DEG C.

pH ..... 5.9 UNITS

SPEC. COND. 96 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 4 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: Coarse Sand

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE
- [ ]

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS
- [ ] ODOR
- [x] COLORED HUE 2.5Y-5/4
- [ ] OLIVE LIGHT BROWN

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[x]	DS2-01

NOTES DS2-01 ~100 ft upstream from DS2-02

MD 8/9/89

SIGNATURE: [signature]

AR302455

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/10/94

PROJECT OLIN MORGANTOWN W.V.

LOCATION ACTIVITY START: 1027 END: 1035

SW SAMPLE LOCATION ID

SD SAMPLE LOCATION ID DS2-02

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION ~~0.04~~ 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER FT

TEMPERATURE 22 DEG C.

pH ..... 5.6 UNITS

SPEC. COND. 103 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/L ☐ SEEP ☑ OTHER Box

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 4 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

S' E OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 2.5Y - 5/4 LIGHT OLIVE BROWN

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: COARSE SAND COBBLES

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLU ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ CPAH	MODIFIED 3550/8100		☑	4°C			DS2-02

NOTES SAMPLE IS 50ft upstream of new road - LOGGED RECENTLY

SIGNATURE

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V. LOCATION ACTIVITY START: 1015 END: 1025

SW SAMPLE LOCATION ID: DS2-03 SD SAMPLE LOCATION ID: DS2-03

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.03~~ 0.3 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 1.7 DEG C.

pH ..... 5.4 UNITS

SPEC. COND. 101 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

S' E OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 2.5Y - 5/4 LIGHT OLIVE BROWN

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [ ] OTHER: MEDIUM SAND - SOME COBBLES

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE
- [ ] _____

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100		[x]	NA		[x]	DS2-03/

NOTES AREA RECENTLY LOGGED - DS2-03 ~ 100ft from DS2-04. DS2-03 IS 60 ft from NEW ROADWAY DOWNSTREAM

MD 8/9/89

AR302457

SIGNATURE: [signature]

* SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: OLIN MORGANTOWN W.V.

LOCATION ACTIVITY: START: 0958 END: 1012

SW SAMPLE LOCATION ID: DS2-04

SD SAMPLE LOCATION ID: DS2-04

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.02~~ 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 1.5 DEG C.

pH ..... 5.7 UNITS

SPEC. COND. 107 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LA
- [ ] ~~SEEP~~
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] ~~YES~~, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] ~~YES~~
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [ ] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SANDY MEDIUM

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE
- [ ] _____

DECONTAMINATION FLUIDS
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUT
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS
- [ ] ODOR
- [x] COLORED HUE 2.5Y-5/3
- [ ] OLIVE LIGHT BROWN

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS2-04

NOTES -- AREA RECENTLY LOGGED. DS2-04 ~ 150 ft upstream from DS2-C

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AR302458

SIGNATURE: [signature]

* SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/96

PROJECT: GLIN MORGANTOWN W.V. LOCATION ACTIVITY: START: 0945 END: 0955

SW SAMPLE LOCATION ID: DS2-05 SD SAMPLE LOCATION ID: DS2-05

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.05~~ 0.3 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 1.9 DEG C.

pH ..... 5.1 UNITS

SPEC. COND. 105 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/LAKE ☐ ~~SEEP~~ ☑ OTHER BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 3 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

S' E OBSERVATIONS: ☐ ODOR ☑ COLORED HUE 2.5Y-6/4 ☐ LIGHT YELLOWISH BROWN

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☑ OTHER: COARSE SAND W/ COBBLES

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☐ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ CPAH	MODIFIED 3550/8100	☐	☑	N/A		☐	DS2-05

NOTES * AREA RECENTLY LOGGED. DS2-05 ~ 150-200ft upstream from DS2-07 - SAMPLE TAKEN ADJACENT FROM STEAK

MD 8/9/89 AR302459 SIGNATURE: [signature]

* SEE FIELD NOTE BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/10/94

PROJECT: OLIN MORGANTOWN W.V

LOCATION ACTIVITY: START: 0920 END: 0938

SW SAMPLE LOCATION ID: DS2-06

SD SAMPLE LOCATION ID: DS2-06

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: ~~0.02~~ 0.25 FT

DEPTH OF SAMPLE FROM TOP OF WATER: FT

TEMPERATURE: 1.7 DEG C.

pH ..... 4.4 UNITS

SPEC. COND. 104 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAK
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 6 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [x] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [ ] OTHER:

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS U
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUT
- [ ] POTABLE WAT
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS:
- [ ] ODOR
- [x] COLORED HUE 10YR-5/6
- [ ] YELLOWISH BROWN

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/3100	[ ]	[x]	N/A		[x]	DS2-06

NOTES SAMPLE DS2-06 ~ 100 ft from DS2-07 upstream – AREA WAS RECENTLY LOGED

MD 8/9/89

SIGNATURE: [signature]

AR302460

x SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 677811 DATE 02/10/94

PROJECT OLIN MORGANTOWN W.V

LOCATION ACTIVITY START: 0907 END: 0917

SW SAMPLE LOCATION ID DS2-07

SD SAMPLE LOCATION ID DS2-07

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION ~~0.05~~ 0.4 FT

DEPTH OF SAMPLE FROM TOP OF WATER FT

TEMPERATURE 1.7 DEG C.

pH ..... 4.2 UNITS

SPEC. COND. 164 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 12 IN

TYPE OF SAMPLE COLLECTED
- [ ] DISCRETE
- [x] COMPOSITE

SAMPLE OBSERVATIONS
- [ ] ODOR
- [x] COLORED HUE 7.5YR-4/4 COARSE SAND BROWN

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: COARSE SAND

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE
- [ ]

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [x] FIELD DUPLICATE COLLECTED. DUP ID DS2-D7

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100		[x]	N/A		[x]	DS2-07
[x] cPAH	MODIFIED 3550/8100		[x]	N/A		[x]	DS2-D7

NOTES SAMPLE TAKEN ADJACENT TO SEEP- DUP COLLECTED

MD 8/9/89

SIGNATURE: [signature]

AR302461

* SEE FIELD NOTE BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/09/94

PROJECT OLIN

LOCATION ACTIVITY START: 1637 END: 1642

SW SAMPLE LOCATION ID DS2-08

SD SAMPLE LOCATION ID DS2-08

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION 0.01 FT

DEPTH OF SAMPLE FROM TOP OF WATER 0.07 FT

TEMPERATURE 2.4 DEG C.

pH ..... 4.8 UNITS

SPEC. COND. 88 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [x] SEEP
- [ ] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP _____

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 5 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: COARSE SANDY SILT

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [x] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE
- [ ] _____

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

SAMPLE OBSERVATIONS:
- [ ] ODOR _____
- [x] COLORED BROWN HUE 7.5 YR 4/4
- [ ] _____

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS2-08

NOTES SAMPLE TAKEN ADJACENT TO SEEP

YO 8/9/89

AR302462

SIGNATURE: [signature]

* SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/09/90

PROJECT: OLIN

LOCATION ACTIVITY: START: 1627 END: 1632

SW SAMPLE LOCATION ID: DS2-09

SD SAMPLE LOCATION ID: DS2-09

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.02 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.07 FT

TEMPERATURE: 3.4 DEG C.

pH ..... 4.5 UNITS

SPEC. COND. 87 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] DEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP _____

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 5 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

S' E OBSERVATIONS:
- [ ] ODOR
- [x] COLORED BROWN HUE 7.5 YR 4/4
- [ ] _____

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SANDY SILT

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE
- [ ] _____

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	4°C		[x]	DS2-09/

NOTES SAMPLE TAKEN ADJACENT TO STREAM

SIGNATURE: [signature]

SEE LOG BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: ~~09~~ 02/09/96

PROJECT: OLILL

LOCATION ACTIVITY: START: 1617 END: 1625

SW SAMPLE LOCATION ID: DS2-10

SD SAMPLE LOCATION ID: DS2-10

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.03 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.06 FT

TEMPERATURE: 2.5 DEG C.

pH ..... 4.8 UNITS

SPEC. COND. 86 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LA
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP _____

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 3 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SILTY SAND

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE
- [ ] _____

DECONTAMINATION FLUIDS
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS
- [ ] COOR _____
- [x] COLORED BROWN
- [ ] _____

HUE 7.5 YR 4/4

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS2-10

NOTES SAMPLE TAKEN ~1 ft DOWNSTREAM FROM STEAK

MO 8/9/89

AR302464

SIGNATURE: [signature]

*SEE LOG BOOK

ABB ENVIRONMENTAL

FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/09/96

PROJECT: OLIN

LOCATION ACTIVITY: START: 1557 END: 1605

SW SAMPLE LOCATION ID: DS3-01

SD SAMPLE LOCATION ID: DS3 01

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.03 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.05 FT

TEMPERATURE: 3.8 DEG C.

pH ..... 6.5 UNITS

SPEC. COND. 934 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 5 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SILTY SAND

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [ ] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

SEDIMENT OBSERVATIONS
- [ ] ODOR
- [x] COLORED STRONG BROWN ~~10YR~~ HUE ~~10YR~~ 7.5 YR
- [ ]

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS3-01 / / /

NOTES WATER IS NOT FLOWING FAST OR AS FAST AT THIS LOCATION
SAMPLE TAKEN ADJACENT FROM SLEAK

MD 8/9/89

SIGNATURE: [signature]

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 677811 DATE: 02/09/96

PROJECT: OLIN

LOCATION ACTIVITY: START: 1545 END: 1556

SW SAMPLE LOCATION ID: DS3-02

SD SAMPLE LOCATION ID: DS3-02

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.07 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.10 FT

TEMPERATURE: 3.4 DEG C.

pH ..... 6.7 UNITS

SPEC. COND. 477 umhos/cm

TYPE OF SURFACE WATER: ☐ STREAM ☐ RIVER ☐ POND/LAK ☐ SEEP ☑ OTHER BROOK

EQUIPMENT USED FOR COLLECTION: ☐ NONE, GRAB INTO BOTTLE ☐ BOMB SAMPLER ☐ PUMP

VELOCITY MESUREMENTS OBTAINED: ☐ YES, SEE FLOW DATA BELOW ☑ NO

DECONTAMINATION FLUIDS USED: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTION ☐ POTABLE WATER ☐ NONE

FIELD QC. DATA: ☐ FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ? ☐ YES ☑ NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 3 IN

TYPE OF SAMPLE COLLECTED: ☐ DISCRETE ☑ COMPOSITE

TYPE OF SEDIMENT: ☐ CLAY ☐ SAND ☐ ORGANIC ☐ GRAVEL ☐ OTHER: SILTY SAND

EQUIPMENT USED FOR COLLECTION: ☐ GRAVITY CORER ☐ S.S. SPLIT SPOON ☑ HAND SPOON ☐ ALUMINUM PANS ☑ S.S. BUCKET ☐ DREDGE

DECONTAMINATION FLUIDS U: ☐ LIQUI-NOX ☑ DEIONIZED WATER ☐ TSP SOLUTION ☐ HEXANE ☐ HNO3 SOLUTI ☐ POTABLE WATER ☐ STREAM WATER ☐ NONE

SA E OBSERVATIONS: ☐ ODOR ☑ COLORED DARK ☐ GRAYISH BROWN 4/2 HUE 10YR

FIELD QC DATA: ☐ FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
☑ cPAH	MODIFIED 3550/8100	☐	☑	NA		☑	DS3-02

NOTES HEAVY SHEEN SEEN FLOATING DOWNSTREAM FROM SAMPLE - DECI TO ONLY FILL SAMPLE JAR HALF FULL ~~36~~ DUE TO SHEEN BECOMIN PRESENT WHEN SAMPLE WAS PULLED UP

MO 8/9/89

AR302466

SIGNATURE: [signature]

~~X SEE LOG~~ CD

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/09/94

PROJECT OLIN

LOCATION ACTIVITY START: 1532 END: 1541

SW SAMPLE LOCATION ID DS3-03

SD SAMPLE LOCATION ID DS3-03

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.02 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.07 FT

TEMPERATURE: 2.5 DEG C.

pH ..... 7.9 UNITS

SPEC. COND. 571 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 5 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SANDY SILT

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S' E OBSERVATIONS
- [ ] ODOR
- [x] COLORED DARK GRAYISH BROWN HUE 10 YR 4/2
- [ ]

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS3-03/

NOTES SAMPLE TAKEN ADJACENT TO STEMC

MD 8/9/89

AR302467

SIGNATURE:

SEE LOG BOOK

ABB ENVIRONMENTAL

PAGE 1 OF

FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER: 6778.11 DATE: 02/09/96

PROJECT: OLIN

LOCATION ACTIVITY: START: 1519 END: 1530

SW SAMPLE LOCATION ID: DS3-04

SD SAMPLE LOCATION ID: DS3-04

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION: 0.05 FT

DEPTH OF SAMPLE FROM TOP OF WATER: 0.07 FT

TEMPERATURE: 2.8 DEG C.

pH ..... 6.7 UNITS

SPEC. COND. 339 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LA
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ? [ ] YES [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE: 4 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SANDY OILY

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [x] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS:
- [ ] ODOR
- [x] COLORED DARK
- [ ] GRAYISH BROWN HUE 10 YR 4/2

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	N/A	A	[x]	DS3-04

NOTES SAMPLE TAKEN ADJACENT TO STEAK

MO 8/9/89

AR302468

SIGNATURE: [signature]

[illegible]

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 02/09/96

PROJECT OLI LI

LOCATION ACTIVITY START: 1505 END: 1517

SW SAMPLE LOCATION ID DS3-05

SD SAMPLE LOCATION ID DS3-05

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION 0.14 FT

DEPTH OF SAMPLE FROM TOP OF WATER 0.08 FT

TEMPERATURE 2.8 DEG C.

pH ..... 6.7 UNITS

SPEC. COND. 324 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAKE
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP _____

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID _____

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE 4 IN

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [x] COMPOSITE

TYPE OF SEDIMENT:
- [ ] CLAY
- [x] SAND
- [ ] ORGANIC
- [x] GRAVEL
- [x] OTHER: BLACK SPECKLED

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [x] S.S. SPLIT SPOON
- [ ] HAND SPOON
- [x] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS USED
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

S E OBSERVATIONS
- [ ] ODOR _____
- [x] COLORED DARK
- [ ] GRAYISH BROWN HUE 10YR 4/2

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID _____

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] CPAH	MODIFIED 3550/8100	[ ]	[x]	N/A		[x]	DS3-05 / / /

NOTES SAMPLE WAS TAKEN ~2ft upstream of stock

SIGNATURE [signature]

MD 8/9/89

AR302469

* SEE TOP BOOK

ABB ENVIRONMENTAL

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FIELD DATA RECORD – SURFACE WATER & SEDIMENT

JOB NUMBER 6778.11 DATE 2/9/90

PROJECT OCLL

LOCATION ACTIVITY START: 1435 END: 1600

SW SAMPLE LOCATION ID DS3-06

SD SAMPLE LOCATION ID DS3-06

SURFACE WATER DATA

WATER DEPTH @ SAMPLE LOCATION 0.02 FT

DEPTH OF SAMPLE FROM TOP OF WATER 0.02 FT

TEMPERATURE 2.9 DEG C.

pH ..... 6.8 UNITS

SPEC. COND. 301 umhos/cm

TYPE OF SURFACE WATER:
- [ ] STREAM
- [ ] RIVER
- [ ] POND/LAK
- [ ] SEEP
- [x] OTHER BROOK

EQUIPMENT USED FOR COLLECTION:
- [ ] NONE, GRAB INTO BOTTLE
- [ ] BOMB SAMPLER
- [ ] PUMP

VELOCITY MESUREMENTS OBTAINED:
- [ ] YES, SEE FLOW DATA BELOW
- [x] NO

DECONTAMINATION FLUIDS USED:
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

FIELD QC. DATA: [ ] FIELD DUPLICATE COLLECTED DUP. ID

SAMPLE LOCATION SKETCH BELOW ?
- [ ] YES
- [x] NO

SEDIMENT DATA

DEPTH OF SEDIMENT SAMPLE IN

TYPE OF SAMPLE COLLECTED
- [ ] DISCRETE
- [x] COMPOSITE

S E OBSERVATIONS
- [ ] COOR
- [x] COLORED DARK BROWN HUE 7.5YR 3/3

TYPE OF SEDIMENT:
- [x] CLAY
- [ ] SAND
- [ ] ORGANIC
- [ ] GRAVEL
- [x] OTHER: SILT

EQUIPMENT USED FOR COLLECTION:
- [ ] GRAVITY CORER
- [ ] S.S. SPLIT SPOON
- [x] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] S.S. BUCKET
- [ ] DREDGE

DECONTAMINATION FLUIDS U
- [ ] LIQUI-NOX
- [x] DEIONIZED WATER
- [ ] TSP SOLUTION
- [ ] HEXANE
- [ ] HNO3 SOLUTI
- [ ] POTABLE WATER
- [ ] STREAM WATER
- [ ] NONE

FIELD QC DATA: [ ] FIELD DUPLICATE COLLECTED. DUP ID

ANALYTICAL PARAMETERS

	METHOD NUMBER	MATRIX SW	MATRIX SED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	SAMPLE BOTTLE ID NUMBERS
[x] cPAH	MODIFIED 3550/8100	[ ]	[x]	NA		[x]	DS3-06

NOTES SAMPLE TAKEN IN MIDDLE OF STREAM ADJACENT TO STEAK - BECAU OF COBBLES MOVED UPSTREAM ~2 FT.

90 8/9/89

AR302470

SIGNATURE:

* SEE LOG BOOK

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-07

Project No.: 677851 Sampler Signature: [illegible]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-07 02-02	02-02	☐ Water ☒ Soil/Sed	4/7/96	1225	☐ Inches 0-2 ☒ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.): Tar body. PID = low to background. Silty clay, loamy, soft, moist, lots of osb/cinder mixed throughout sample interval — No odor (pieces of brick mixed in too)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

AR302471

ABB Environmental Services, Inc.

TERRAPROBE SITE INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-16

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
LA-16 04-08	04-08	☐ Water ☑ Soil/Sed	5/7/96	1243	☐ Inches ☑ Feet 4-8	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.) PID = Yellow brown silty clay colored/stained grey at approx 6'bgs v. slight hyp. odor. silty clay v. soft esp. in grey area. some-trace black ash/cinder throughout appeared to be lense at very top of ash of boring

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

AR302472

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: DL ~ Migration Site: OU1 LA-17 00-02

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-17 00-02	00-02	☐ Water ☑ Soil/Sed	5/7/96	1253	☐ Inches 0-2 ☑ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = (NO ODOR)
Yellow brown silty clay mixed with black, small cinder/ash, some red brick fragments, some brown/gray coloring @ 1-2' bgs.

Sample Collected for:
☑ Laboratory Analysis
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

ABB Environmental Services, Inc.

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project Olin Morgantown Site OU1 LA-22

Project No. 6778.51 Sampler Signature [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Me
LA-22 04-08	04-08	☐ Water ☒ Soil/Sed	5/7/96	1309	☐ Inches 4-8 ☒ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.) PID = (tar odor at top of sample)
white to tan clay, clean, firm, moist, trace ash at top of sample, black, wet, tarry odor at top of sample - looks clean underneath

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
LA-22 08-12	08-12	☐ Water ☒ Soil/Sed	5/7/96	1325	☐ Inches 8-12 ☒ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.)
white/copper clay over white (copper) red clay with firm/moist yellow brown stringers of silty-sand

Sample Collected for: ☐ Laboratory Analy ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
LA-22 08-12 D	DUP	☐ Water ☒ Soil/Sed	5/7/96	1325	☐ Inches 8-12 ☒ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)
Same as above

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

AR302474

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-25

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-25 00-02	00-02	☐ Water ☑ Soil/Sed	5/7/96	1505	☐ Inches 0-2 ☑ Feet	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = (No odor) black ash/cinder, some brown/tan silty clay, some brick

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project Olin Morgantown Site OU1 LA-27

Project No. 677851 Sampler Signature [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
LA-27 00-02	00-02	☐ Water ☒ Soil/Sed	5/7/96	1516	☐ Inches 0-2 ☒ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.) PID - (No odor)
1' recovery : Black ash/cinder

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analy
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for:
☐ Laboratory Analysis
☐ Field Analysis

AR302476

TERRAPROBE SITE INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-40

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-40 00-03	00-03	☐ Water ☐ Soil/Sed	5/7/96	1524	☐ Inches 0-2 ☑ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): @ 1' bgs: 1.5' of solid, firm tar, underlain by brown/tan silty-clay matrix w/ black color, (NAP odor)

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE SITE INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OLI LA-42

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
LA-42 00-04	00-04	☐ Water ☒ Soil/Sed	5/7/96	1540	☐ Inches ☒ Feet 0-4	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): using cinders mixed with some yellow/brown silty clay. (slight NAP. odor) Some brick throughout sample

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

AR302478

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-44

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-44 08-12	08-12	☐ Water ☒ Soil/Sed	5/7/96	1554	☐ Inches ☒ Feet 8-12	☒ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = yellow brown to white silty clay, some clay (white), mottled with black color throughout — slight Nap odor near top

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU LA-75

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
LA-75 00-02	00-02	☐ Water ☑ Soil/Sed	5/7/96	1618	☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.): Bottom 1' = tur (strong NAP odor), top 1' = lt. brown silty clay, some ashes @ 6" bgs

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
LA-75 04-06	04-06	☐ Water ☑ Soil/Sed	5/7/96	1625	☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.): bottom 1' = copper/white/yellow brown clay, clean, firm, moist (top part of sample top 6" = tur) → some bits of organic (brown) throughout

Sample Collected for: ☐ Laboratory Analy ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

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TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-76

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-76 00-02	00-02	☐ Water ☑ Soil/Sed	5/7/96	1705	☐ Inches ☑ Feet 0-2	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = (No odor) Soft brown clayey silt, mottled w/ black ash over yellow/brown silty clay mottled w/ black color

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 - LA-77

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Met
LA-77 02-04	02-04	☐ Water ☑ Soil/Sed	5/7/96	1725	☐ Inches ☑ Feet 02-04	☑ Soil Probe ☐ Surface Grab ☐ Bail for Wate

Observations (Texture, Color, Odor, Etc.): (No odor) copper/yellow brown clay + silty clay mottled with black color. Some black ash throughout top ft of sample

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OL1 LA-80

Project No. 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-80 00-02	00-02	☐ Water ☑ Soil/Sed	5/8/96	0903	☐ Inches ☑ Feet 0-2	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.): PID = ND (No odor) brown silty clay mottled with black color, firm, moist, overlain by brown to gray silty clay mottled with black color and organic matter (roots)

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-80 00-02 D	DLP	☐ Water ☑ Soil/Sed	5/8/96	0903	☐ Inches ☑ Feet 0-2	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 - LA-93

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
LA-93 04-06	04-06	☐ Water ☑ Soil/Sed	5/7/96	1805	☐ Inches 4-6 ☑ Feet	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): D10 → (No odor) Tan/brown to white silty clay + clay, sl. dry some organic (brown) mottling

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-96

Project No. 6773.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
LA-96 OD-02	OD-02	☐ Water ☑ Soil/Sed	5/8/96	0919	☐ Inches 0-2 ☑ Feet	☑ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = 23.5 ppm (Nap odor) Top 1' = brown silty clay mixed with soft taffy-like tar → (Nap. odor) over 1' of brown silty clay mottled with black/gray color, soft, moist. Nap odor

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 LA-99

Project No.: 6778.51 Sampler Signature: [illegible]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
LA-99 00-02	00-02	☐ Water ☒ Soil/Sed	5/7/96	1746	☐ Inches ☒ Feet 0-2	☒ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.): Soft, grey loamy, clayey silt underlain (No odor) → by tan clayey silts mottled with black (color) (mottled black color) (some ash of bp)

Sample Collected for: ☒ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Metho
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Metho
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Metho
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

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TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 SA 01

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
SA 01 00-04	00-04	☐ Water ☑ Soil/Sed	5/7/96	1130	☐ Inches 0-4. ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.) Headspace PID = 0
full interval — mostly brown/tan silty clay, some clay
3" lense of wood debris @ 1 ft bgs, ~~some~~ trans of ash
in sample silty clay also stained (colors) at 2-3' bgs w/ grey (No odor)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
SA-01 04-08	04-08	☐ Water ☑ Soil/Sed	5/7/96	1135	☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.) PID = ND
top 3' = tan to brown silty clay, some red mottling, firm, damp
bottom 1': white, yellow, red clay, firm, moist

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 SA-13

Project No. 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
SA 13 02-04	02-04	☐ Water ☒ Soil/Sed	5/7/96	1148	☐ Inches ☒ Feet 2-4	☒ Soil Probe ☐ Surface Grab ☐ Bail for Water

(OU1 ash 3' rotline)

Observations (Texture, Color, Odor, Etc.) PID=ND
2' Ash (large pieces too), wet, black, No odor, over 2" wood/bark material — some slight tarry odor, over 2' of red, white, clay — looks clean, firm, slightly moist

Sample Collected for: ☒ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
SA 13 06-08	06-08	☐ Water ☒ Soil/Sed	5/7/96	1200	☐ Inches ☒ Feet 6-8	☒ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.) PID =
1" black wet ash over 3.5' of clay, gray white clay at top and dry white to yellow clay at bottom 1.5' (sample)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
SA13 06-08 D	(DUP)	☐ Water ☒ Soil/Sed	5/7/96	1200	☐ Inches ☒ Feet 6-8	☒ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)
Same as above

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 SA-30

Project No.: 6778.51 Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
SA-30 00-02	00-02	☐ Water ☑ Soil/Sed	5/8/96	1015	☐ Inches 0-2 ☐ Feet	☐ Soil Probe ☑ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = wet tan/brown silty clay and organic matter. Some grey color, some NAP odor

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown — Site: OU1 Scraped Area SL-02

Project No.: 6778.51 — Sampler Signature: [signature]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
SL-02 00-04	00-04	☐ Water ☐ Soil/Sed	5/8/96	1105	☐ Inches ☐ Feet 0-4	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.): PID = . (No Odor) yellow, white to grey silty clay (wet), mixed with ash/cinder, catalyst pellets, debris, trace tar

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Meth
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Coor, Etc.)

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

TERRAPROBE FIELD INVESTIGATION DATA RECORD

Project: Olin Morgantown Site: OU1 Drainage Swale #1

Project No.: 6778.51 Sampler Signature: [illegible]

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
DS1-13 00-0.5	0-0.5'	☐ Water ☑ Soil/Sed	5/2/96	0940	☐ Inches 0-0.5 ☑ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = ND
soft, wet silty clay + organic matter, v. slight tar odor and organic odor

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
DS1-14 0-0.5'	0-0.5'	☐ Water ☑ Soil/Sed	5/2/96	0942	☐ Inches 0-0.5 ☑ Feet	☐ Soil Probe ☑ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = 0.4 ppm = Bkgd
loamy, loose silty clay and organic matter
organic smell

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
DS1-16 01-2'	01-02	☐ Water ☑ Soil/Sed	5/2/96	0945	☐ Inches 1-2 ☑ Feet	☐ Soil Probe ☑ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.): PID = ND (Nap odor)
soft, wet silty clay (brown), mixed with organic matter
tar lense at 6" bgs → but not in 1-2' sample:
~~soft brown silty clay in 1-2' interval~~ Bad
Nap. odor

Sample Collected for: ☑ Laboratory Analysis ☐ Field Analysis

Sample ID (ISIS)	Sample ID (REF)	Matrix	Date	Time	Depth	Collection Method
		☐ Water ☐ Soil/Sed			☐ Inches ☐ Feet	☐ Soil Probe ☐ Surface Grab ☐ Bail for Water

Observations (Texture, Color, Odor, Etc.):

Sample Collected for: ☐ Laboratory Analysis ☐ Field Analysis

AR302491

ABB Environmental Services, Inc.

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-01	DS1-02	DS1-03	DS1-03D	DS1-04	DS1-05	DS1-06	DS1-07	DS1-08	DS1-09
Lab ID:	Q2243D9B	Q2244A65	Q224572A	Q224659C	Q2247474	Q2248309	Q2248FBA	Q2249C75	Q224A926	Q224B5D6
Date Sampled:	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96
PAH (mg/Kg)										
Benzo(a)anthracene	24.7	< 3.6	447.9	463.9	386.5	11.2	53.7	58.3	56.1	4.8
Benzo(a)pyrene	25.2	< 3.6	357.1	348.9	290.9	9.3	47.5	49.4	45.9	< 3.8
Benzo(b)fluoranthene	20.	< 3.6	380.9	380.9	266.8	8.1	35.9	42.6	34.4	< 3.8
Benzo(k)fluoranthene	24.4	5.7	225.2	216.9	221.3	10.4	40.7	46.4	42.	< 3.8
Chrysene	26.6	< 3.6	499.	517.4	354.5	11.3	49.7	53.5	51.6	4.6
Dibenzo(a,h)anthracene	< 3.7	< 3.6	20.7	19.7	16.8	< 3.5	7.5	< 6.1	< 4.7	< 3.8
Indeno(1,2,3-cd)pyrene	19.8	< 3.6	190.5	215.	149.4	6.3	32.2	36.	31.7	< 3.8
Total cPAHs	140.7	5.7	2121.4	2162.8	1686.2	56.7	267.1	286.1	261.8	9.4

J = Estimated/Value

AR302492

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-10	DS1-11	DS1-11D	DS1-12	DS1-13-00-0.5	DS1-13-01-02	DS1-14-00-0.5	DS1-14-00-0.5	DS1-14-00-0.5
Lab ID:	Q224C284	Q224CF32	Q224DBE2	Q2275B3D	Q229D176	Q229E02B	Q2293ECFA	Q2A1E3EE	Q2A1F20E
Date Sampled:	2/10/96	2/10/96	2/10/96	2/10/96	2/14/96	2/14/96	2/14/96	5/8/96	5/8/96
PAH (mg/Kg)									
Benzo(a)anthracene	14.7	4.	7.5	< 3.4	1614.8	< 3.2	6667.3	11.1	120.4
Benzo(a)pyrene	12.4	< 3.4	6.1	< 3.4	1127.9	< 3.2	4596.9	9.6	90.2
Benzo(b)fluoranthene	9.4	< 3.4	4.7	< 3.4	1336.7	< 3.2	5103.1	7.5	66.3
Benzo(k)fluoranthene	11.	< 3.4	< 3.5	< 3.4	588.7	< 3.2	2540.	8.5	78.8
Chrysene	15.1	3.9	7.2	< 3.4	1689.4	< 3.2	6899.2	10.1	96.8
Dibenzo(a,h)anthracene	< 4.5	< 3.4	< 3.5	< 3.4	53.9	< 3.2	229.3	< 6.8	11.2
Indeno(1,2,3-cd)pyrene	7.7	< 3.4	< 3.5	< 3.4	460.8	< 3.2	1789.7	< 6.8	46.2
Total cPAHs	70.3	7.8	25.4	< 3.4	6900.	< 3.2	27825.7	46.7	510.

J = Estimated/Value

AR302493

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-14-01-02	DS1-15-01-02	DS1-15-01-02D	DS1-15-02-04	DS1-16-00-0.5	DS1-16-01-02	DS1-16-01-02	DS1-17-01-02
Lab ID:	Q229FC83	Q22A0950	Q22A161D	122A22E2	Q22AFAA	Q22A3EAC	Q2A1C53D	Q22A89B6
Date Sampled:	2/14/96	2/14/96	2/14/96	2/14/96	2/14/96	2/14/96	5/8/96	2/14/96
PAH (mg/Kg)								
Benzo(a)anthracene	< 3.1	< 3.2	< 3.	< 3.	1930.8	3.4	< 6.3	< 3.2
Benzo(a)pyrene	< 3.1	< 3.2	< 3.	< 3.	1403.5	< 3.3	< 6.3	< 3.2
Benzo(b)fluoranthene	< 3.1	< 3.2	< 3.	< 3.	1388.6	3.3	< 6.3	< 3.2
Benzo(k)fluoranthene	< 3.1	< 3.2	< 3.	< 3.	921.2	< 3.3	< 6.3	< 3.2
Chrysene	< 3.1	< 3.2	< 3.	< 3.	2036.	< 3.3	< 6.3	< 3.2
Dibenzo(a,h)anthracene	< 3.1	< 3.2	< 3.	< 3.	70.	< 3.3	< 6.3	< 3.2
Indeno(1,2,3-cd)pyrene	< 3.1	< 3.2	< 3.	< 3.	581.	< 3.3	< 6.3	< 3.2
Total cPAHs	< 3.1	< 3.2	< 3.	< 3.	8331.2	6.7	< 6.3	< 3.2

J = Estimated/Value

AR302494

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-01	DS1-02	DS1-03	DS1-03D	DS1-04	DS1-05	DS1-06	DS1-07	DS1-08	DS1-09
Lab ID:	Q2243D9B	Q2244A65	Q224572A	Q224659C	Q2247474	Q2248309	Q2248FBA	Q2249C75	Q224A926	Q224B5D6
Date Sampled:	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96
PAH (mg/Kg)										
Benzo(a)anthracene	24.7	< 3.6	447.9	463.9	386.5	11.2	53.7	58.3	56.1	4.8
Benzo(a)pyrene	25.2	< 3.6	357.1	348.9	290.9	9.3	47.5	49.4	45.9	< 3.8
Benzo(b)fluoranthene	20.	< 3.6	380.9	380.9	266.8	8.1	35.9	42.6	34.4	< 3.8
Benzo(k)fluoranthene	24.4	5.7	225.2	216.9	221.3	10.4	40.7	46.4	42.	< 3.8
Chrysene	26.6	< 3.6	499.	517.4	354.5	11.3	49.7	53.5	51.6	4.6
Dibenzo(a,h)anthracene	< 3.7	< 3.6	20.7	19.7	16.8	< 3.5	7.5	< 6.1	< 4.7	< 3.8
Indeno(1,2,3-cd)pyrene	19.8	< 3.6	190.5	215.	149.4	6.3	32.2	36.	31.7	< 3.8
Total cPAHs	140.7	5.7	2121.4	2162.8	1686.2	56.7	267.1	286.1	261.8	9.4

J = Estimated/Value

AR302495

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-10	DS1-11	DS1-11D	DS1-12	DS1-13-00-0.5	DS1-13-01-02	DS1-14-00-0.5	DS1-14-00-0.5	DS1-14-00-0.5
Lab ID:	Q224C284	Q224CF32	Q224DBE2	Q2275B3D	Q229D176	Q229E02B	Q2293ECFA	Q2A1E3EE	Q2A1F20E
Date Sampled:	2/10/96	2/10/96	2/10/96	2/10/96	2/14/96	2/14/96	2/14/96	5/8/96	5/8/96
PAH (mg/Kg)									
Benzo(a)anthracene	14.7	4.	7.5	< 3.4	1614.8 J	< 3.2	6667.3	11.1	120.4
Benzo(a)pyrene	12.4	< 3.4	6.1	< 3.4	1127.9 J	< 3.2	4596.9	9.6	90.2
Benzo(b)fluoranthene	9.4	< 3.4	4.7	< 3.4	1336.7 J	< 3.2	5103.1	7.5	66.3
Benzo(k)fluoranthene	11.	< 3.4	< 3.5	< 3.4	588.7 J	< 3.2	2540.	8.5	78.8
Chrysene	15.1	3.9	7.2	< 3.4	1689.4 J	< 3.2	6899.2	10.1	96.8
Dibenzo(a,h)anthracene	< 4.5	< 3.4	< 3.5	< 3.4	53.9 J	< 3.2	229.3	< 6.8	11.2
Indeno(1,2,3-cd)pyrene	7.7	< 3.4	< 3.5	< 3.4	460.8 J	< 3.2	1789.7	< 6.8	46.2
Total cPAHs	70.3	7.8	25.4	< 3.4	6900. J	< 3.2	27825.7	46.7	510.

J = Estimated/Value

AR302496

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID: / Lab ID: / Date Sampled:	DS1-14-01-02 Q229FC83 2/14/96	DS1-15-01-02 Q22A0950 2/14/96	DS1-15-01-02D Q22A161D 2/14/96	DS1-15-02-04 122A22E2 2/14/96	DS1-16-00-0.5 Q22AFAA 2/14/96	DS1-16-01-02 Q22A3EAC 2/14/96	DS1-16-01-02 Q2A1C53D 5/8/96	DS1-17-01-02 Q22A89B5 2/14/96
PAH (mg/Kg)								
Benzo(a)anthracene	< 3.1	< 3.2	< 3.	< 3.	1930.8	3.4	< 6.3	< 3.2
Benzo(a)pyrene	< 3.1	< 3.2	< 3.	< 3.	1403.5	< 3.3	< 6.3	< 3.2
Benzo(b)fluoranthene	< 3.1	< 3.2	< 3.	< 3.	1388.6	3.3	< 6.3	< 3.2
Benzo(k)fluoranthene	< 3.1	< 3.2	< 3.	< 3.	921.2	< 3.3	< 6.3	< 3.2
Chrysene	< 3.1	< 3.2	< 3.	< 3.	2036.	< 3.3	< 6.3	< 3.2
Dibenzo(a,h)anthracene	< 3.1	< 3.2	< 3.	< 3.	70.	< 3.3	< 6.3	< 3.2
Indeno(1,2,3-cd)pyrene	< 3.1	< 3.2	< 3.	< 3.	581.	< 3.3	< 6.3	< 3.2
Total cPAHs	< 3.1	< 3.2	< 3.	< 3.	8331.2	6.7	< 6.3	< 3.2

J = Estimated/Value

AR302497

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	DS1-17-02-04	DS1-18-01-02	DS1-18-02-04	DS2-01	DS2-02	DS2-03	DS2-04	DS2-05	DS2-06	DS2-07
Lab ID:	Q22A9698	Q22AA37F	QA22AB058	Q2239277	Q2239F31	Q223ABEF	Q223B8B0	Q223C584	Q223D254	Q223DF25
Date Sampled:	2/14/96	2/14/96	2/14/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96	2/10/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 2.9	< 3.1	< 3.1	5.7	13.3	10.4	9.9	< 3.	< 3.4	12.3
Benzo(a)pyrene	< 2.9	< 3.1	< 3.1	4.7	10.8	8.5	8.	< 3.	< 3.4	10.
Benzo(b)fluoranthene	< 2.9	< 3.1	< 3.1	3.9	9.2	7.4	6.8	< 3.	< 3.4	7.9
Benzo(k)fluoranthene	< 2.9	< 3.1	< 3.1	< 2.9	10.9	8.6	8.2	< 3.	< 3.4	9.8
Chrysene	< 2.9	< 3.1	< 3.1	5.4	14.7	10.9	10.2	< 3.	< 3.4	12.6
Dibenzo(a,h)anthracene	< 2.9	< 3.1	< 3.1	< 2.9	< 2.8	< 3.5	< 3.	< 3.	< 3.4	< 3.2
Indeno(1,2,3-cd)pyrene	< 2.9	< 3.1	< 3.1	< 2.9	6.1	4.4	4.3	< 3.	< 3.4	4.9
Total cPAHs	< 2.9	< 3.1	< 3.1	19.7	65.	50.2	47.4	< 3.	< 3.4	57.5

J = Estimated/Value

AR302498

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID: / Lab ID: / Date Sampled:	DS2-07 DUP Q223EC02 2/10/96	DS2-08 Q2225D96 2/9/96	DS2-09 Q2A22AE6 5/8/96	DS2-10 Q22246F1 2/9/96	DS2-9 Q222774E 2/9/96	DS3-01 Q2222D29 2/9/96	DS3-01D Q2223A0d 2/9/96	DS3-02 Q222204D 2/9/96	DS3-03 Q2221366 2/9/96	DS3-03 Q2A16FB7 5/8/96
PAH (mg/Kg)										
Benzo(a)anthracene	10.3	3.9	22.6	< 4.	3.	< 7.8	< 7.2	46.9	15.6	18.8
Benzo(a)pyrene	8.3	2.8	18.4	< 4.	< 3.	< 7.8	< 7.2	39.7	12.5	13.8
Benzo(b)fluoranthene	6.8	< 2.8	14.3	< 4.	< 3.	< 7.8	< 7.2	28.5	8.3	10.8
Benzo(k)fluoranthene	8.5	< 2.8	17.2	< 4.	< 3.	< 7.8	< 7.2	39.7	11.4	13.4
Chrysene	10.9	3.9	20.1	4.	< 3.	< 7.8	< 7.2	43.8	13.5	14.8
Dibenzo(a,h)anthracene	< 3.1	< 2.8	< 5.9	< 4.	< 3.	< 7.8	< 7.2	< 5.1	< 5.2	< 9.
Indeno(1,2,3-cd)pyrene	4.1	< 2.8	9.5	< 4.	< 3.	< 7.8	< 7.2	21.4	6.2	< 9.
Total cPAHs	48.9	10.5	102.1	4.	3.	< 7.8	< 7.2	220.	67.4	71.5

J = Estimated/Value

AR302499

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID: / Lab ID: / Date Sampled:	DS3-03 DUP Q2A17E0B 6/8/96	DS3-04 Q222067A 2/9/96	DS3-05 Q221F985 2/9/96	DS3-06 Q221EC8E 2/9/96
PAH (mg/Kg)				
Benzo(a)anthracene	17.9	9.	7.5	5.5
Benzo(a)pyrene	13.5	6.	5.2	5.5
Benzo(b)fluoranthene	10.	4.5	3.7	< 4.6
Benzo(k)fluoranthene	12.9	< 3.8	6.	< 4.6
Chrysene	13.3	6.8	6.7	4.6
Dibenzo(a,h)anthracene	< 8.8	< 3.8	< 3.7	< 4.6
Indeno(1,2,3-cd)pyrene	< 8.8	< 3.8	< 3.7	< 4.6
Total cPAHs	67.5	26.3	29.1	15.5

J = Estimated/Value

AR302500

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-01-00-02	LA-01-02-04	LA-02-00-04	LA-02-05-06	LA-03-02-04	LA-03-04-06	LA-04-02-04	LA-04-07-08	LA-05-02-04
Lab ID:	Q2269403	Q228A106	Q2193D05	q2194998	Q226452B	Q 2265316	Q219562F	Q2197DDE	Q22916AF
Date Sampled:	2/11/96	2/11/96	2/2/96	2/2/96	2/11/96	2/11/96	2/2/96	2/2/96	2/13/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.1	< 3.2	18.2	< 3.1	< 2.9	< 3.2	7097.9	< 3.2	< 3.1
Benzo(a)pyrene	< 3.1	< 3.2	16.8	< 3.1	< 2.9	< 3.2	5029.1	< 3.2	< 3.1
Benzo(b)fluoranthene	< 3.1	< 3.2	13.4	< 3.1	< 2.9	< 3.2	5279.7	< 3.2	< 3.1
Benzo(k)fluoranthene	< 3.1	< 3.2	16.8	< 3.1	< 2.9	< 3.2	2704.	< 3.2	< 3.1
Chrysene	< 3.1	< 3.2	19.5	< 3.1	< 2.9	< 3.2	7523.3	< 3.2	< 3.1
Dibenzo(a,h)anthracene	< 3.1	< 3.2	< 3.4	< 3.1	< 2.9	< 3.2	250.6	< 3.2	< 3.1
Indeno(1,2,3-cd)pyrene	< 3.1	< 3.2	10.1	< 3.1	< 2.9	< 3.2	1958.	< 3.2	< 3.1
Para-terphenyl (Surrogate % Rec)	< 3.1	< 3.2	94.8	< 3.1	< 2.9	< 3.2	29842.7	< 3.2	< 3.1

AR302501

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-05-04-06	LA-06-02-04	LA-06-10-12	LA-07-00-02	LA-07-00-02	LA-07-02-04	LA-08-00-04	LA-08-04-08	LA-09-00-02
Lab ID:	Q2292395	Q21A2194	Q21A2E1B	Q22D26BF	Q29ED013	Q22D33D9	Q21AFA22	Q21B0724	Q22C1D3A
Date Sampled:	2/13/96	2/2/96	2/2/96	2/15/96	5/7/96	2/15/96	2/3/96	2/3/96	2/15/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.1	< 3.	< 2.9	18.	5.9	< 3.2	54.9	< 3.	< 3.3
Benzo(a)pyrene	< 3.1	< 3.	< 2.9	17.4	< 5.9	< 3.2	47.9	< 3.	< 3.3
Benzo(b)fluoranthene	< 3.1	< 3.	< 2.9	12.9	< 5.9	< 3.2	33.5	< 3.	< 3.3
Benzo(k)fluoranthene	< 3.1	< 3.	< 2.9	14.2	< 5.9	< 3.2	39.9	< 3.	< 3.3
Chrysene	< 3.1	< 3.	< 2.9	19.2	< 5.9	< 3.2	47.9	< 3.	< 3.3
Dibenzo(a,h)anthracene	< 3.1	< 3.	< 2.9	< 2.9	< 5.9	< 3.2	8.1	< 3.	< 3.3
Indeno(1,2,3-cd)pyrene	< 3.1	< 3.	< 2.9	11.9	< 5.9	< 3.2	30.6	< 3.	< 3.3
Para-terphenyl (Surrogate % Rec)	< 3.1	< 3.	< 2.9	93.6	5.9	< 3.2	262.8	< 3.	< 3.3

AR302502

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID: / Lab ID: / Date Sampled:	LA-09-02-04 Q22C2A19 2/15/96	LA-10-02-03 Q2198A7F 2/2/96	LA-10-02-03D Q219971F 2/2/96	LA-10-04-06 Q219A3BA 2/2/96	LA-100 Q2A6364F 5/9/96	LA-100 CONC_ Q2AD5C02 5/9/96	LA-100-00-02 Q22E561E 2/16/96	LA-101-02-04 Q22E6343 2/16/96	LA-102-00-02 Q22FE13B 2/16/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	3.3	48.	5.8	< 3.6
Benzo(a)pyrene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	3.	38.7	4.3	< 3.6
Benzo(b)fluoranthene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	2.8	35.5	4.6	5.
Benzo(k)fluoranthene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	3.1	35.	< 3.1	< 3.6
Chrysene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	3.	45.3	8.9	< 3.6
Dibenzo(a,h)anthracene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	< .6	7.6	< 3.1	< 3.6
Indeno(1,2,3-cd)pyrene	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	1.8	28.8	< 3.1	< 3.6
Para-terphenyl (Surrogate % Rec)	< 4.1	< 3.1	< 3.2	< 2.9	< 6.2	17.1	238.9	23.6	5.

AR302503

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-102-02-04	LA-103-00-02	LA-11-00-02	LA-11-02-04	LA-12-00-02	LA-12-00-02D	LA-12-11-12	LA-13-02-04	LA-13-06-08
Lab ID:	Q22FEE59	Q22F00A7	Q2251BA3	Q2252879	Q21C46E4	Q21C53D7	Q21C60BF	Q229307E	Q229407A
Date Sampled:	2/16/96	2/16/96	2/11/96	2/11/96	2/4/96	2/4/96	2/4/96	2/13/96	2/13/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	4827.7 J	< 3.1
Benzo(a)pyrene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	3536.2 J	< 3.1
Benzo(b)fluoranthene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	3405.4 J	< 3.1
Benzo(k)fluoranthene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	2518. J	< 3.1
Chrysene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	5144.1 J	< 3.1
Dibenzo(a,h)anthracene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	436.2 J	< 3.1
Indeno(1,2,3-cd)pyrene	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	1617.3 J	< 3.1
Para-terphenyl (Surrogate % Rec)	< 3.7	< 3.2	< 3.	< 3.	< 3.8	< 3.6	< 2.8	21485. J	< 3.1

AR302504

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-14-00-04	LA-14-08-12	LA-14-08-12D	LA-15-02-04	LA-15-04-06	LA-16-00-04	LA-16-04-08	LA-16-04-08	LA-17-00-02
Lab ID:	Q21F3862	Q21F5F3C	Q21F6C2B	Q22BDCA1	Q22BE98B	Q2229E40	Q222AB36	Q29EC1DA	Q22BF675
Date Sampled:	2/7/96	2/7/96	2/7/96	2/15/96	2/15/96	2/9/96	2/9/96	5/7/96	2/15/96
PAH (mg/Kg)									
Benzo(a)anthracene	53.6	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	4.3
Benzo(a)pyrene	49.5	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	3.9
Benzo(b)fluoranthene	39.3	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	2.9
Benzo(k)fluoranthene	43.6	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	< 2.8
Chrysene	50.3	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	4.
Dibenzo(a,h)anthracene	9.8	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	< 2.8
Indeno(1,2,3-cd)pyrene	40.	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	2.9
Para-terphenyl (Surrogate % Rec)	286.	< 2.8	< 2.7	< 6.3	< 7.1	< 2.9	< 3.1	< 6.1	18.

AR302505

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-17-00-02	LA-17-00-02 DUP_	LA-17-00-02D	LA-17-02-04	LA-18-00-04	LA-18-07-08	LA-19-00-02	LA-19-02-04	LA-20-03-04
Lab ID:	Q29EEC74	Q29EFAA3	Q22C0364	Q22C1053	Q21B13DF	Q21B029A	Q225020C	Q2250ED7	Q21C2CEC
Date Sampled:	5/7/96	5/7/96	2/15/96	2/16/96	2/3/96	2/3/96	2/11/96	2/11/96	2/4/96
PAH (mg/Kg)									
Benzo(a)anthracene	12.5	18.	36.	< 3.1	< 3.7	< 3.1	15.	< 3.	< 3.2
Benzo(a)pyrene	11.2	16.	35.8	< 3.1	< 3.7	< 3.1	12.9	< 3.	< 3.2
Benzo(b)fluoranthene	9.1	12.2	24.9	< 3.1	< 3.7	< 3.1	9.8	< 3.	< 3.2
Benzo(k)fluoranthene	10.3	14.6	27.6	< 3.1	< 3.7	< 3.1	12.1	< 3.	< 3.2
Chrysene	11.4	17.1	31.4	< 3.1	< 3.7	< 3.1	13.6	< 3.	< 3.2
Dibenzo(a,h)anthracene	< 6.1	< 5.9	6.6	< 3.1	< 3.7	< 3.1	< 2.8	< 3.	< 3.2
Indeno(1,2,3-cd)pyrene	6.4	9.1	29.5	< 3.1	< 3.7	< 3.1	8.	< 3.	< 3.2
Para-terphenyl (Surrogate % Rec)	60.8	87.	191.7	< 3.1	< 3.7	< 3.1	71.4	< 3.	< 3.2

AR302506

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-20-04-06	LA-21-04-06	LA-21-06-08	LA-22-04-08	LA-22-04-08	LA-22-08-12	LA-22-08-12	LA-22-08-12D	LA-23-02-04
Lab ID:	Q21C3F97	Q2286704	Q22893EC	Q21F1E76	Q2A0421A	Q21F2B6C	Q2A0A6A6	Q29F16E2	Q2286D3A
Date Sampled:	2/4/96	2/13/96	2/13/96	2/7/96	5/7/96	2/7/96	6/7/96	5/7/96	2/13/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.	< 3.1	< 3.1	10.2	< 5.9	< 3.1	< 6.	< 6.3	5.4
Benzo(a)pyrene	< 3.	< 3.1	< 3.1	10.8	< 5.9	< 3.1	< 6.	< 6.3	4.3
Benzo(b)fluoranthene	< 3.	< 3.1	< 3.1	20.4	< 5.9	< 3.1	< 6.	< 6.3	< 3.1
Benzo(k)fluoranthene	< 3.	< 3.1	< 3.1	15.9	< 5.9	< 3.1	< 6.	< 6.3	< 3.1
Chrysene	< 3.	< 3.1	< 3.1	11.4	< 5.9	< 3.1	< 6.	< 6.3	4.8
Dibenzo(a,h)anthracene	< 3.	< 3.1	< 3.1	< 5.7	< 5.9	< 3.1	< 6.	< 6.3	< 3.1
Indeno(1,2,3-cd)pyrene	< 3.	< 3.1	< 3.1	4.3	< 5.9	< 3.1	< 6.	< 6.3	< 3.1
Para-terphenyl (Surrogate % Rec)	< 3.	< 3.1	< 3.1	73.3	< 5.9	< 3.1	< 6.	< 6.3	14.5

AR302507

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-23-06-08	LA-24-04-08	LA-24-08-12	LA-25-00-02	LA-26-00-02	LA-25-02-04	LA-26-04-08	LA-26-08-12	LA-27-00-02
Lab ID:	Q2287A21	Q21F791A	Q21F8602	Q22E880B	Q29FF996	Q22E97B6	Q222B631	Q222C537	Q22EA5DF
Date Sampled:	2/13/96	2/7/96	2/7/96	2/15/96	5/7/96	2/15/96	2/9/96	2/9/96	2/15/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.	< 3.1	< 3.1	572.3	57.8	99.	< 3.6	< 2.9	6.4
Benzo(a)pyrene	< 3.	< 3.1	< 3.1	432.9	62.9	73.7	< 3.6	< 2.9	6.1
Benzo(b)fluoranthene	< 3.	< 3.1	< 3.1	302.8	53.1	47.8	< 3.6	< 2.9	5.6
Benzo(k)fluoranthene	< 3.	< 3.1	< 3.1	355.1	54.6	64.3	< 3.6	< 2.9	6.2
Chrysene	< 3.	< 3.1	< 3.1	486.6	53.1	72.8	< 3.6	< 2.9	6.3
Dibenzo(a,h)anthracene	< 3.	< 3.1	< 3.1	74.8	10.6	12.9	< 3.6	< 2.9	< 3.6
Indeno(1,2,3-cd)pyrene	< 3.	< 3.1	< 3.1	271.5	39.2	41.3	< 3.6	< 2.9	5.1
Para-terphenyl (Surrogate % Rec)	< 3.	< 3.1	< 3.1	2496.1	331.4	411.9	< 3.6	< 2.9	35.7

AR302508

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-27-00-02	LA-27-02-04	LA-28-02-03	LA-28-06-07	LA-29-06-08	LA-29-06-08	LA-30-00-02	LA-30-08-09	LA-31-04-06
Lab ID:	Q2A026BA	Q22EB2F5	Q219B068	Q219BD17	Q2272816	Q22734E7	Q21C8DA3	Q21C7A85	Q228467D
Date Sampled:	5/7/96	2/16/96	2/2/96	2/2/96	2/11/96	2/11/96	2/4/96	2/4/96	2/13/96
PAH (mg/Kg)									
Benzo(a)anthracene	12.8	< 4.	< 3.	< 3.1	5.5	< 3.3	53.8	< 3.	33.4
Benzo(a)pyrene	14.	< 4.	< 3.	< 3.1	< 3.	< 3.3	47.4	< 3.	28.7
Benzo(b)fluoranthene	11.9	< 4.	< 3.	< 3.1	< 3.	< 3.3	36.8	< 3.	21.3
Benzo(k)fluoranthene	12.9	< 4.	< 3.	< 3.1	< 3.	< 3.3	39.6	< 3.	24.7
Chrysene	12.8	< 4.	< 3.	< 3.1	< 3.	< 3.3	46.7	< 3.	28.4
Dibenzo(a,h)anthracene	< 6.9	< 4.	< 3.	< 3.1	< 3.	< 3.3	8.5	< 3.	< 3.
Indeno(1,2,3-cd)pyrene	8.4	< 4.	< 3.	< 3.1	< 3.	< 3.3	29.7	< 3.	19.3
Para-terphenyl (Surrogate % Rec)	72.9	< 4.	< 3.	< 3.1	5.5	< 3.3	262.4	< 3.	155.9

AR302509

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-31-04-06D	LA-31-06-08	LA-32-03-04	LA-32-05-06	LA-33-02-04	LA-33-04-06	LA-34-00-04	LA-34-00-04D	LA-34-94-08
Lab ID:	Q2285367	Q2286052	Q21CA278	Q21CAF54	Q22B7639	Q22B8SF7	Q222D230	Q222DF28	Q222EC16
Date Sampled:	2/13/96	2/13/96	2/4/96	2/4/96	2/15/96	2/15/96	2/9/96	2/9/96	2/9/96
PAH (mg/Kg)									
Benzo(a)anthracene	40.7	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Benzo(a)pyrene	37.	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Benzo(b)fluoranthene	24.6	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Benzo(k)fluoranthene	28.9	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Chrysene	33.5	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	3.2	< 3.2
Dibenzo(a,h)anthracene	< 3.3	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Indeno(1,2,3-cd)pyrene	23.6	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	< 2.9	< 3.2
Para-terphenyl (Surrogate % Rec)	188.2	< 3.2	< 4.1	< 3.1	< 3.	< 5.8	< 2.9	3.2	< 3.2

AR302510

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-36-02-04	LA-36-04-06	LA-36-00-04	LA-36-00-04D	LA-36-04-06	LA-37-03-05	LA-37-05-07	LA-38-05-06	LA-38-11-12
Lab ID:	Q22B5CBE	Q22B6979	Q21B2D51	Q21B3A07	Q21B46BA	Q2259E97	Q225AB62	Q21BDFB8	Q21BEC89
Date Sampled:	2/15/96	2/15/96	2/3/96	2/3/96	2/3/96	2/11/96	2/11/96	2/3/96	2/3/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	27.	< 3.3
Benzo(a)pyrene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	19.1	< 3.3
Benzo(b)fluoranthene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	13.2	< 3.3
Benzo(k)fluoranthene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	15.1	< 3.3
Chrysene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	21.7	< 3.3
Dibenzo(a,h)anthracene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	< 3.3	< 3.3
Indeno(1,2,3-cd)pyrene	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	13.2	< 3.3
Para-terphenyl (Surrogate % Rec)	< 2.8	< 3.2	< 3.4	< 3.4	< 3.1	< 3.	< 3.	109.3	< 3.3

AR302511

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-39-00-02	LA-39-06-08	LA-40-00-03	LA-40-00-03	LA-40-00-04 RE	LA-40-08-09	LA-41-02-04	LA-41-06-08	LA-42-00-04
Lab ID:	Q225355D	Q225440	Q21C876D	Q2A0503F	Q220191E	Q21C959A	Q2282CA2	Q2283990	Q21F92E3
Date Sampled:	2/11/96	2/11/96	2/4/96	5/7/96	2/5/96	2/4/96	2/13/96	2/13/96	2/7/96
PAH (mg/Kg)									
Benzo(a)anthracene	377.7	< 3.	2843.5	3926.	2945.1	< 3.	< 3.4	< 2.9	584.6 J
Benzo(a)pyrene	364.2	< 3.	2312.5	3252.3	2267.2	< 3.	< 3.4	< 2.9	42.2 J
Benzo(b)fluoranthene	336.	< 3.	1581.	2471.5	1601.1	< 3.	< 3.4	< 2.9	447.9 J
Benzo(k)fluoranthene	243.8	< 3.	1746.2	2461.9	1753.	< 3.	< 3.4	< 2.9	336.4 J
Chrysene	352.1	< 3.	2300.7	3136.4	2477.6	< 3.	< 3.4	< 2.9	649.6 J
Dibenzo(a,h)anthracene	21.7	< 3.	342.2	383.5	315.5	< 3.	< 3.4	< 2.9	26.5 J
Indeno(1,2,3-cd)pyrene	188.1	< 3.	1345.	1523.1	1297.2	< 3.	< 3.4	< 2.9	246.2 J
Para-terphenyl (Surrogate % Rec)	1883.6	< 3.	12471.2	17154.8	12656.8	< 3.	< 3.4	< 2.9	2800. J

AR302512

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-42-00-04	LA-42-00-04 DUP_	LA-42-00-04D	LA-42-08-12	LA-43-04-08	LA-43-06-08	LA-44-04-08	LA-44-08-12	LA-44-08-12
Lab ID:	Q2A007CC	Q2A01679	Q21FA133	Q21FA21	Q22B3ED4	Q22B4F11	Q21FBBFF	Q21FC9B6	Q2A0B4A9
Date Sampled:	5/7/96	5/7/96	2/7/96	2/7/96	2/15/96	2/15/96	2/7/96	2/7/96	5/7/96
PAH (mg/Kg)									
Benzo(a)anthracene	216.3	339.4	411.2	31.6	1262.1	42.2	75.1	160.5	< 6.1
Benzo(a)pyrene	195.6	280.9	336.2	29.1	859.1	28.4	55.4	111.7	< 6.1
Benzo(b)fluoranthene	177.2	270.1	349.1	20.9	695.7	21.6	37.2	88.8	< 6.1
Benzo(k)fluoranthene	167.3	231.2	251.9	27.2	645.8	27.3	49.4	98.4	< 6.1
Chrysene	206.1	281.1	398.3	34.2	949.4	30.8	54.8	139.6	< 6.1
Dibenzo(a,h)anthracene	29.2	37.6	52.7	5.7	119.5	< 3.1	8.8	17.1	< 6.1
Indeno(1,2,3-cd)pyrene	115.4	144.6	208.5	20.2	450.6	18.2	32.5	64.7	< 6.1
Para-terphenyl (Surrogate % Rec)	1107.1	1584.9	2008.1	168.9	4982.1	168.6	313.	680.9	< 6.1

AR302513

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-45-04-06	LA-45-06-08	LA-46-03-04	LA-46-03-04D	LA-46-09-10	LA-47-00-02	LA-47-00-03	LA-47-05-07	LA-48-02-03
Lab ID:	Q2294D63	Q2295A67	Q219E2D8	Q219FBF9	Q21A150D	Q2262C69	Q22C84D9	Q2263948	Q21BC639
Date Sampled:	2/13/96	2/13/96	2/2/96	2/2/96	2/2/96	2/11/96	2/15/96	2/11/96	2/3/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.7	< 3.3	< 3.1	4.9	3.	31.3	135.2	< 3.1	14.5
Benzo(a)pyrene	< 3.7	< 3.3	< 3.1	< 3.1	< 3.	31.2	106.8	< 3.1	11.3
Benzo(b)fluoranthene	5.4	< 3.3	< 3.1	< 3.1	< 3.	21.1	78.8	< 3.1	8.2
Benzo(k)fluoranthene	< 3.7	< 3.3	< 3.1	< 3.1	< 3.	25.2	83.1	< 3.1	10.1
Chrysene	< 3.7	< 3.3	< 3.1	< 3.1	4.2	28.9	108.4	< 3.1	13.9
Dibenzo(a,h)anthracene	< 3.7	< 3.3	< 3.1	< 3.1	< 3.	< 3.	16.7	< 3.1	< 3.2
Indeno(1,2,3-cd)pyrene	< 3.7	< 3.3	< 3.1	< 3.1	< 3.	24.6	66.5	< 3.1	6.9
Para-terphenyl (Surrogate % Rec)	5.4	< 3.3	< 3.1	4.9	7.1	162.2	595.5	< 3.1	64.9

AR302514

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-48-07-08	LA-49-00-02	LA-49-02-04	LA-50-00-04	LA-50-06-07	LA-51-02-04	LA-51-06-08	LA-52-00-04	LA-52-08-12
Lab ID:	Q21BD2F7	Q226F06B	Q226FF6D	Q21BACD4	Q21BB983	Q2296764	Q2297643	Q21B6D61E	Q21B9378
Date Sampled:	2/3/96	2/11/96	2/11/96	2/3/96	2/3/96	2/13/96	2/13/96	2/3/96	2/3/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.1	1083.9 J	350.7	18.4	< 3.1	257.	< 3.	< 3.5	< 3.
Benzo(a)pyrene	< 3.1	715.3 J	250.8	17.	< 3.1	205.6	< 3.	< 3.5	< 3.
Benzo(b)fluoranthene	< 3.1	718.7 J	230.9	13.6	< 3.1	159.5	< 3.	< 3.5	< 3.
Benzo(k)fluoranthene	< 3.1	492.3 J	169.	15.7	< 3.1	159.3	< 3.	< 3.5	< 3.
Chrysene	< 3.1	1016.4 J	294.2	15.7	< 3.1	209.	< 3.	< 3.5	< 3.
Dibenzo(a,h)anthracene	< 3.1	40.3 J	31.2	< 3.4	< 3.1	27.9	< 3.	< 3.5	< 3.
Indeno(1,2,3-cd)pyrene	< 3.1	348.2 J	128.9	10.9	< 3.1	108.4	< 3.	< 3.5	< 3.
Para-terphenyl (Surrogate % Rec)	< 3.1	4415.3 J	1455.8	91.3	< 3.1	1126.8	< 3.	< 3.5	< 3.

AR302515

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-52-08-12D	LA-53-04-08	LA-53-08-10	LA-53-10-12	LA-53-10-12D	LA-54-03-04	LA-54-11-12	LA-56-02-04	LA-56-04-06
Lab ID:	Q21BA028	Q227DAE6	Q227E98A	Q227F8CF	Q22805C4	Q21B536F	Q21B60BD	Q222F8F2	Q22305D8
Date Sampled:	2/3/96	2/13/96	2/13/96	2/13/96	2/13/96	2/3/96	2/3/96	2/7/96	2/7/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.	276.	370.8	< 2.9	< 2.9	601.7	< 3.2	< 2.7	< 2.9
Benzo(a)pyrene	< 3.	202.8	259.6	< 2.9	< 2.9	542.9	< 3.2	< 2.7	< 2.9
Benzo(b)fluoranthene	< 3.	137.9	187.5	< 2.9	< 2.9	392.4	< 3.2	< 2.7	< 2.9
Benzo(k)fluoranthene	< 3.	186.	225.9	< 2.9	< 2.9	431.7	< 3.2	< 2.7	< 2.9
Chrysene	< 3.	211.4	273.1	< 2.9	< 2.9	490.5	< 3.2	< 2.7	< 2.9
Dibenzo(a,h)anthracene	< 3.	33.	40.3	< 2.9	< 2.9	98.1	< 3.2	< 2.7	< 2.9
Indeno(1,2,3-cd)pyrene	< 3.	109.4	142.7	< 2.9	< 2.9	399.	< 3.2	< 2.7	< 2.9
Para-terphenyl (Surrogate % Rec)	< 3.	1156.6	1500.	< 2.9	< 2.9	2956.3	< 3.2	< 2.7	< 2.9

AR302516

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-57-02-04	LA-57-04-06	LA-58-02-04	LA-58-04-06	LA-60-02-04	LA-60-04-06	LA-61-02-04	LA-61-04-06	LA-62-00-02
Lab ID:	Q22312B8	Q2231F93	Q2236F88	Q2236C46	Q2237905	Q22385BC	Q222346FD	Q22352CA	Q229B6AF
Date Sampled:	2/8/96	2/8/96	2/8/96	2/8/96	2/8/96	2/8/96	2/8/96	2/8/96	2/12/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	180.
Benzo(a)pyrene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	132.4
Benzo(b)fluoranthene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	117.
Benzo(k)fluoranthene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	109.
Chrysene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	154.1
Dibenzo(a,h)anthracene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	18.8
Indeno(1,2,3-cd)pyrene	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	70.2
Para-terphenyl (Surrogate % Rec)	< 3.2	< 3.2	< 3.6	< 3.1	< 3.	< 3.1	< 3.	< 2.9	781.5

AR302517

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-62-92-94	LA-64-02-04	LA-65-02-04	LA-67-00-02	LA-67-02-04	LA-68-05-06	LA-72-00-02	LA-72-02-04	LA-72-02-04D
Lab ID:	Q229C4A3	Q227A67F	Q227B354	Q2278179	Q2278E35	Q22EBFFB	Q22ECCF1	Q22E09DD	Q22FA8BA
Date Sampled:	2/12/96	2/12/96	2/12/96	2/12/96	2/12/96	2/14/96	2/14/96	2/14/96	2/14/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	9.6	< 2.9	< 2.8	< 3.
Benzo(a)pyrene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	7.9	< 2.9	< 2.8	< 3.
Benzo(b)fluoranthene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	3.5	< 2.9	< 2.8	< 3.
Benzo(k)fluoranthene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	7.	< 2.9	< 2.8	< 3.
Chrysene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	7.7	< 2.9	< 2.8	< 3.
Dibenzo(a,h)anthracene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	< 3.2	< 2.9	< 2.8	< 3.
Indeno(1,2,3-cd)pyrene	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	4.8	< 2.9	< 2.8	< 3.
Para-terphenyl (Surrogate % Rec)	< 3.2	< 3.9	< 3.1	< 3.4	< 2.8	40.6	< 2.9	< 2.8	< 3.

AR302518

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID: / Lab ID: / Date Sampled:	LA-73-00-02 Q22CD461 2/15/96	LA-73-02-04 Q22CE12A 2/15/95	LA-74-02-04 Q22C9322 2/15/96	LA-75-00-02 Q22CB973 2/15/96	LA-75-00-02 Q29EB204 5/7/96	LA-75-04-06 Q22CC7A0 2/15/96	LA-75-04-06 Q2A033F1 5/7/96	LA-76-00-02 Q22C36F4 2/15/96	LA-76-00-02 Q29EA376 5/7/96
PAH (mg/Kg)									
Benzo(a)anthracene	14.3	8.1	< 3.1	3424.5	2875.5	< 2.9	< 6.1	114.8	129.7
Benzo(a)pyrene	13.9	2.8	< 3.1	2678.1	2233.9	< 2.9	< 6.1	99.3	112.8
Benzo(b)fluoranthene	9.9	< 2.7	< 3.1	1890.9	1685.8	< 2.9	< 6.1	74.8	104.8
Benzo(k)fluoranthene	11.	< 2.7	< 3.1	1987.7	1813.3	< 2.9	< 6.1	76.2	91.1
Chrysene	15.5	9.8	< 3.1	2858.7	2126.8	< 2.9	< 6.1	97.5	125.3
Dibenzo(a,h)anthracene	< 3.2	< 2.7	< 3.1	422.5	266.2	< 2.9	< 6.1	17.3	16.2
Indeno(1,2,3-cd)pyrene	8.4	< 2.7	< 3.1	1870.4	1131.4	< 2.9	< 6.1	74.3	63.6
Para-terphenyl (Surrogate % Rec)	73.	20.7	< 3.1	15132.7	12132.8	< 2.9	< 6.1	554.2	643.6

AR302519

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-76-02-04	LA-77-00-02	LA-77-02-04	LA-77-02-04	LA-78-00-02	LA-79-08-10	LA-79-10-12	LA-80-00-02	LA-80-00-02
Lab ID:	Q22C4462	Q22C512E	Q22C5E7D	Q2A06048	Q22D40EC	Q22D4DF4	Q22D5AF8	Q22D67F7	Q2A18C55
Date Sampled:	2/15/96	2/15/96	2/15/96	5/7/96	2/15/96	2/15/96	2/15/96	2/15/96	5/8/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 3.1	91.7	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	95.3	< 5.9
Benzo(a)pyrene	< 3.1	72.	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	83.6	< 5.9
Benzo(b)fluoranthene	< 3.1	65.	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	62.3	< 5.9
Benzo(k)fluoranthene	< 3.1	61.2	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	68.5	< 5.9
Chrysene	< 3.1	78.2	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	81.9	< 5.9
Dibenzo(a,h)anthracene	< 3.1	13.1	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	14.6	< 5.9
Indeno(1,2,3-cd)pyrene	< 3.1	48.	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	54.2	< 5.9
Para-terphenyl (Surrogate % Rec)	< 3.1	429.1	< 3.1	< 6.	< 2.8	< 2.9	< 3.1	460.4	< 5.9

AR302520

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-80-00-02D	LA-81-00-02	LA-83-04-05	LA-83-04-06	LA-84-06-08	LA-84-06-08D	LA-85-02-04	LA-86-00-02	LA-87-00-02
Lab ID:	Q2A19A96	Q22D761C	Q22EE6CA	Q2A0D0BE	Q22EF3BC	Q22FB69D	Q22D8424	Q22D912D	Q22D9E32
Date Sampled:	5/8/96	2/15/96	2/16/96	5/7/96	2/16/96	2/16/96	2/16/96	2/16/96	2/16/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 6.3	217.9	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Benzo(a)pyrene	< 6.3	172.9	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Benzo(b)fluoranthene	< 6.3	133.5	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Benzo(k)fluoranthene	< 6.3	128.6	3.5	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Chrysene	< 6.3	190.7	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Dibenzo(a,h)anthracene	< 6.3	26.9	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Indeno(1,2,3-cd)pyrene	< 6.3	112.6	< 3.2	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1
Para-terphenyl (Surrogate % Rec)	< 6.3	983.2	3.5	< 6.1	< 3.1	< 3.	< 3.2	< 3.2	< 3.1

AR302521

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-88-02-04	LA-89-00-02	LA-92-02-04	LA-93-04-06	LA-93-04-06D	LA-94-02-04	LA-95-02-04	LA-96-00-02	LA-96-00-02
Lab ID:	Q22DAB3B	Q22DB848	Q22DDF6F	Q22DEC77	Q22DF984	Q22E068D	Q22E1397	Q22E20A1	Q2A1D36A
Date Sampled:	2/16/96	2/16/96	2/16/96	2/16/96	2/16/96	2/16/96	2/16/96	2/16/96	5/8/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	562.2	3603.2 J
Benzo(a)pyrene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	451.7	2545.6 J
Benzo(b)fluoranthene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	341.9	2018.5 J
Benzo(k)fluoranthene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	326.2	2064.1 J
Chrysene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	473.2	2711.7 J
Dibenzo(a,h)anthracene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	711.1	296.8 J
Indeno(1,2,3-cd)pyrene	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	251.9	1309.7 J
Para-terphenyl (Surrogate % Rec)	< 2.9	< 3.2	< 3.1	< 3.1	< 2.9	< 3.	< 3.	3118.2	14549.6 J

AR302522

Soil PAH Results -
Field Screening-WA Treatability Lab
Olin Morgantown Phase II Interim Tasks

Sample ID:	LA-97-00-02	LA-97-00-02	LA-98-02-04	LA-99-00-02	LA-99-00-02
Lab ID:	Q22E2EFD	Q22E3C06	Q22E3C06	Q22E490A	Q2A0C2B1
Date Sampled:	2/16/96	2/16/96	2/16/96	2/16/96	5/7/96
PAH (mg/Kg)					
Benzo(a)anthracene	< 3.3		< 3.3	20.8	< 6.
Benzo(a)pyrene	< 3.3		< 3.3	17.8	< 6.
Benzo(b)fluoranthene	< 3.3		< 3.3	13.6	< 6.
Benzo(k)fluoranthene	< 3.3		< 3.3	15.4	< 6.
Chrysene	< 3.3		< 3.3	19.3	< 6.
Dibenzo(a,h)anthracene	< 3.3		< 3.3	< 3.1	< 6.
Indeno(1,2,3-cd)pyrene	< 3.3		< 3.3	12.2	< 6.
Para-terphenyl (Surrogate % Rec)	< 3.3		< 3.3	99.1	< 6.

AR302523

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-01-00-04	SA-01-00-04	SA-01-04-08	SA-01-04-08	SA-01-04-08D	SA-02-00-02	SA-02-02-04	SA-02-02-04D	SA-03-00-04	SA-03-04-08
Lab ID:	Q21E3F91	Q29F08C3	Q21E4D85	Q29EDE49	Q21E71AE	Q226C7FB	Q226D67D	Q226E370	Q21D6F7C	Q21D7C86
Date Sampled:	2/6/96	5/7/96	2/6/96	5/7/96	2/6/96	2/11/96	2/11/96	2/11/96	2/6/96	2/6/96
PAH (mg/Kg)										
Benzo(a)anthracene	173.5	8.9	< 2.8	< 5.8	< .3	404.9 J	< 3.1	< 3.1	< 3.1	< 3.
Benzo(a)pyrene	149.9	6.2	< 2.8	< 5.8	< .3	330.3 J	< 3.1	< 3.1	< 3.1	< 3.
Benzo(b)fluoranthene	117.	< 6.	< 2.8	< 5.8	< .3	396.1 J	< 3.1	< 3.1	< 3.1	< 3.
Benzo(k)fluoranthene	110.7	< 6.	< 2.8	< 5.8	< .3	216.5 J	< 3.1	< 3.1	< 3.1	< 3.
Chrysene	155.1	6.7	< 2.8	< 5.8	< .3	425.6 J	< 3.1	< 3.1	< 3.1	< 3.
Dibenzo(a,h)anthracene	21.9	< 6.	< 2.8	< 5.8	< .3	8.2 J	< 3.1	< 3.1	< 3.1	< 3.
Indeno(1,2,3-cd)pyrene	84.2	< 6.	< 2.8	< 5.8	< .3	204.1 J	< 3.1	< 3.1	< 3.1	< 3.
Para-terphenyl (Surrogate % Rec)	812.3	21.7	< 2.8	< 5.8	< .3	1985.7 J	< 3.1	< 3.1	< 3.1	< 3.

AR302524

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-04-00-02	SA-04-02-04	SA-05-00-02	SA-05-02-04	SA-05-02-04D	SA-06-00-04	SA-06-08-12	SA-06-08-12D	SA-07-00-02	SA-07-02-04
Lab ID:	Q22584BE	Q22591AE	Q225B86C	Q225C559	Q225D241	Q21E6780	Q21E7492	Q21E91AE	Q225DF28	Q225EC0A
Date Sampled:	2/11/96	2/11/96	2/11/96	2/11/96	2/11/96	2/6/96	2/6/96	2/6/96	2/11/96	2/11/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 2.8	< 3.	5.7	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Benzo(a)pyrene	< 2.8	< 3.	5.4	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Benzo(b)fluoranthene	< 2.8	< 3.	4.8	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Benzo(k)fluoranthene	< 2.8	< 3.	< 3.	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Chrysene	< 2.8	< 3.	5.8	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Dibenzo(a,h)anthracene	< 2.8	< 3.	< 3.	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Indeno(1,2,3-cd)pyrene	< 2.8	< 3.	4.4	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.
Para-terphenyl (Surrogate % Rec)	< 2.8	< 3.	26.2	< 3.1	< 3.	< 3.2	< 2.6	< 2.5	< 3.1	< 3.

AR302525

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-08-00-04	SA-08-08-12	SA-09-00-04	SA-09-00-04 RE	SA-09-08-12	SA-10-02-04	SA-10-04-08	SA-10-06-08	SA-11-00-04	SA-11-08-12
Lab ID:	Q21DA3AD	Q21DB0BD	Q21D8991	Q2200C24	Q21D96A1	Q228A0D8	Q21EF75D	Q228ADBE	Q21DD70O	Q21DE4C4
Date Sampled:	2/6/96	2/6/96	2/6/96	2/6/96	2/6/96	2/13/96	2/7/96	2/13/96	2/6/96	2/6/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	6.2	< 2.5
Benzo(a)pyrene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	5.6	< 2.5
Benzo(b)fluoranthene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	5.6	< 2.5
Benzo(k)fluoranthene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	6.2	< 2.5
Chrysene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	6.8	< 2.5
Dibenzo(a,h)anthracene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	< 2.8	< 2.5
Indeno(1,2,3-cd)pyrene	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	5.1	< 2.5
Para-terphenyl (Surrogate % Rec)	< 2.8	< 2.6	< 3.3	< 3.3	< 2.5	< 3.	< 3.	< 2.8	35.6	< 2.5

AR302526

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-12-00-02	SA-12-02-04	SA-13-02-04	SA-13-02-04	SA-13-06-08	SA-13-06-08	SA-14-04-06	SA-14-06-12	SA-15-02-04	SA-15-02-04D
Lab ID:	Q2266000	Q2266CF8	Q22BA940	Q29E9537	Q22BB609	Q29ADCAA	Q21F046E	Q21F1174	Q228F002	Q228FCE8
Date Sampled:	2/11/96	2/11/96	2/15/96	5/7/96	2/15/96	5/7/96	2/7/96	2/6/96	2/13/96	2/13/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Benzo(a)pyrene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Benzo(b)fluoranthene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Benzo(k)fluoranthene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Chrysene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Dibenzo(a,h)anthracene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Indeno(1,2,3-cd)pyrene	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1
Para-terphenyl (Surrogate % Rec)	< 3.1	< 3.	< 2.6	< 5.7	< 3.2	< 4.8	< 2.6	< 2.5	< 3.1	< 3.1

AR302527

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-15-06-08	SA-16-00-04	SA-16-08-12	SA-17-04-08	SA-17-08-12	SA-18-02-04	SA-18-06-08	SA-19-00-04	SA-19-00-04D	SA-20-00-02
Lab ID:	Q22909CC	Q21DBDD1	Q21DCAD6	Q21E0BAD	Q21E18AE	Q228D473	Q228E31D	Q21EC390	Q21ED001	Q2270E6C
Date Sampled:	2/13/96	2/6/96	2/6/96	2/6/96	2/6/96	2/13/96	2/13/96	2/7/96	2/7/96	2/11/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 2.8	23.	< 2.7	< 3.1	< 2.7	4690.2 J	< 2.7	< 3.1	< 3.	< 2.9
Benzo(a)pyrene	< 2.8	21.3	< 2.7	< 3.1	< 2.7	3636.7 J	< 2.7	< 3.1	< 3.	< 2.9
Benzo(b)fluoranthene	< 2.8	19.	< 2.7	< 3.1	< 2.7	2610.4 J	< 2.7	< 3.1	< 3.	< 2.9
Benzo(k)fluoranthene	< 2.8	20.7	< 2.7	< 3.1	< 2.7	2808.2 J	< 2.7	< 3.1	< 3.	< 2.9
Chrysene	< 2.8	25.3	< 2.7	< 3.1	< 2.7	3102.1 J	< 2.7	< 3.1	< 3.	< 2.9
Dibenzo(a,h)anthracene	< 2.8	4.6	< 2.7	< 3.1	< 2.7	495.6 J	< 2.7	< 3.1	< 3.	< 2.9
Indeno(1,2,3-cd)pyrene	< 2.8	17.2	< 2.7	< 3.1	< 2.7	1957.5 J	< 2.7	< 3.1	< 3.	< 2.9
Para-terphenyl (Surrogate % Rec)	< 2.8	131.	< 2.7	< 3.1	< 2.7	19300.7 J	< 2.7	< 3.1	< 3.	< 2.9

AR302528

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-20-02-04	SA-21-00-02	SA-21-02-04	SA-22-00-04	SA-22-08-12	SA-23-00-02	SA-23-02-04	SA-24-00-04	SA-24-08-12	SA-25-00-02
Lab ID:	Q2271B42	Q225F8ED	Q22805C9	Q21CEFAE	Q21FF35	Q22679FD	Q22686FC	Q21E25A8	Q21E32A0	Q22F275E
Date Sampled:	2/11/96	2/11/96	2/11/96	2/5/96	2/5/96	2/11/96	2/11/96	2/6/96	2/6/96	2/14/96
PAH (mg/Kg)										
Benzo(a)anthracene	3.9	< 3.	< 2.9	780.1 J	< 2.8	8.4	< 3.	< 2.9	< 2.5	< 3.
Benzo(a)pyrene	< 3.	< 3.	< 2.9	607.	< 2.8	5.2	< 3.	< 2.9	< 2.5	< 3.
Benzo(b)fluoranthene	< 3.	< 3.	< 2.9	700.9	< 2.8	3.5	< 3.	< 2.9	< 2.5	< 3.
Benzo(k)fluoranthene	< 3.	< 3.	< 2.9	310.5	< 2.8	< 3.1	< 3.	< 2.9	< 2.5	< 3.
Chrysene	4.	< 3.	< 2.9	799.	< 2.8	4.6	< 3.	< 2.9	< 2.5	< 3.
Dibenzo(a,h)anthracene	< 3.	< 3.	< 2.9	32.9	< 2.8	< 3.1	< 3.	< 2.9	< 2.5	< 3.
Indeno(1,2,3-cd)pyrene	< 3.	< 3.	< 2.9	293.	< 2.8	< 3.1	< 3.	< 2.9	< 2.5	< 3.
Para-terphenyl (Surrogate % Rec)	7.9	< 3.	< 2.9	3523.4	< 2.8	21.6	< 3.	< 2.9	< 2.9	< 3.

AR302529

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-25-00-02D	SA-25-04-08	SA-26-02-04	SA-26B	SA-27-00-02	SA-27-02-04	SA-28-08-9_5	SA-29-03-04	SA-29-04-08	SA-29B
Lab ID:	Q22FC291	Q22F4123	Q22F343E	Q2A86416	Q22767FF	Q22774BD	Q22799BF	Q22F4E01	Q22F5B8B	Q2A8CAFE
Date Sampled:	2/16/96	2/13/96	2/13/96	5/9/96	2/12/96	2/12/96	2/11/96	2/16/96	2/16/96	5/9/96
PAH (mg/Kg)										
Benzo(a)anthracene	< 3.2	< 2.7	52.7	92.4	< 2.9	< 2.9	< 3.	94.7	< 2.9	28.5
Benzo(a)pyrene	< 3.2	< 2.7	46.4	81.9	< 2.9	< 2.9	< 3.	56.1	< 2.9	24.2
Benzo(b)fluoranthene	< 3.2	< 2.7	32.6	60.3	< 2.9	< 2.9	< 3.	44.	< 2.9	15.4
Benzo(k)fluoranthene	< 3.2	< 2.7	35.8	68.6	< 2.9	< 2.9	< 3.	60.8	< 2.9	20.5
Chrysene	< 3.2	< 2.7	45.2	76.2	< 2.9	< 2.9	< 3.	81.4	< 2.9	24.6
Dibenzo(a,h)anthracene	< 3.2	< 2.7	8.	13.3	< 2.9	< 2.9	< 3.	< 3.4	< 2.9	< 6.2
Indeno(1,2,3-cd)pyrene	< 3.2	< 2.7	31.	46.2	< 2.9	< 2.9	< 3.	15.7	< 2.9	12.5
Para-terphenyl (Surrogate % Rec)	< 3.2	< 2.7	251.6	438.9	< 2.9	< 2.9	< 3.	352.8	< 2.9	125.7

AR302530

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-30-00-02	SA-30-00-02	SA-30-02-04	SA-31-00-02	SA-31-02-04	SA-32-00-02	SA-32-00-02	SA-32-02-04	SA-32-02-04	SA-33-00-02
Lab ID:	Q22C9FDF	Q2A23908	Q22CACA1	Q22F6863	Q22F753A	Q22B8FB5	Q2A1B707	Q22B9C78	Q2A1A8D3	Q22F8212
Date Sampled:	2/15/96	5/8/96	2/15/96	2/13/96	2/13/96	2/15/96	5/8/96	2/15/96	5/8/96	2/14/96
PAH (mg/Kg)										
Benzo(a)anthracene	177.2	27.3	130.	19.7	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Benzo(a)pyrene	< 10.6	20.6	113.	17.4	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Benzo(b)fluoranthene	18.2	14.9	< 27.4	14.8	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Benzo(k)fluoranthene	36.2	18.8	97.6	15.9	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Chrysene	101.4	24.4	56.5	15.8	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Dibenzo(a,h)anthracene	< 10.6	< 6.3	< 27.4	< 2.6	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Indeno(1,2,3-cd)pyrene	< 10.6	10.1	53.8	10.8	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9
Para-terphenyl (Surrogate % Rec)	332.9	116.	450.9	94.4	< 3.1	< 3.	< 6.	< 2.8	< 5.9	< 2.9

AR302531

Soil PAH Results -
Field Screening-WA
Treatability Lab
Olin Morgantown Phase II
Interim Tasks

Sample ID:	SA-34-00-04	SA-34-06-08	SA-35-02-04	SA-35-06-08	SA-36-00-02	SA-36-03-04	SC-02-00-02	SC-02-00-04	SC-02-04-06
Lab ID:	Q22ABD32	Q22AC9FF	Q22AD6CD	Q22AE391	Q22AF05A	Q22AF04	Q2A21CCC	Q21C05EB	Q21CE2CC
Date Sampled:	2/14/96	2/14/96	2/14/96	2/14/96	2/14/96	2/14/96	5/8/96	2/5/96	2/5/96
PAH (mg/Kg)									
Benzo(a)anthracene	< 2.9	< 3.2	3.7	< 3.	8062.9 J	< 3.	< 6.3	18.4	< 3.
Benzo(a)pyrene	5.7	< 3.2	< 3.2	< 3.	6289.1 J	< 3.	< 6.3	19.7	< 3.
Benzo(b)fluoranthene	3.	< 3.2	< 3.2	< 3.	4659.3 J	< 3.	< 6.3	15.8	< 3.
Benzo(k)fluoranthene	< 2.9	< 3.2	< 3.2	< 3.	4618.9 J	< 3.	< 6.3	17.8	< 3.
Chrysene	7.	< 3.2	< 3.2	< 3.	6562. J	< 3.	< 6.3	21.7	< 3.
Dibenzo(a,h)anthracene	< 2.9	< 3.2	< 3.2	< 3.	988. J	< 3.	< 6.3	< 3.3	< 3.
Indeno(1,2,3-cd)pyrene	< 2.9	< 3.2	< 3.2	< 3.	4386.4 J	< 3.	< 6.3	11.8	< 3.
Para-terphenyl (Surrogate % Rec)	15.7	< 3.2	3.7	< 3.	35566.6 J	< 3.	< 6.3	105.3	< 3.

AR302532

IEA, Inc.
IEA Project NO.: 2182_004
SDG: 05213
Client Project ID: Morgantown
Data Summary Package

IEA SDG NARRATIVE SEMIVOLATILE FRACTION

PROJECT: 2182-004 BATCH: 05213 METHOD: SW-846 8270

Samples: (34) Soil Samples

The samples were received at Industrial and Environmental Analysts, Inc. (IEA) on May 9, 1996. Each sample was assigned a 9-character "IEA" lab identification number (lab ID) and an abbreviated client ID which is referenced on the IEA Assigned Number Index. All analyses are performed in accordance with EPA approved methodologies and meet the requirements of the IEA Quality Assurance Program. Please see the enclosed data package for your results and Chain of Custody documentation.

The chromatographic separation of the analytes was performed using a Restek 30 X 0.32 XTI-5 fused silica capillary column with a 0.5 μm bonded phase film thickness.

Instrument data printouts identify the compound 2,2'-oxybis(1-Chloropropane) with CAS number 108-60-1. Alternative nomenclature for this compound is bis(2-Chloroisopropyl)ether which is included on report forms submitted.

The "J" flag indicates an estimated concentration below the quantitation limit and reported to the Method Detection Limit (MDL).

The "B" flag used on the Form I SV indicates that this compound was present in the associated extraction blank.

Samples 0002, 0004, 7502, DS113, DS114, DS116, DS209, DS3, LA07, LA17, LS25, LA270, LA400, LA42, LA754, LA96 and SA0203 were diluted due to the high concentration of target compounds present. The surrogates were diluted out of samples LA96, LA42, 7502, LA400, LA25 and DS113.

Samples DS114 and SA0203 exhibited surrogate recoveries that exceed method limits. These surrogate recoveries are flagged with "*".

Sample LA448 was diluted due to the high concentration of non-target compounds present.

Any nonconformances associated with the analysis of the samples in this project are as follows:

Matrix Spike/Matrix Spike Duplicate (LA99MS/MSD) percent recovery for Phenol and Pyrene exceed the limits specified for this method.

I certify that this data package is in compliance with the procedures and methods defined for this project, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data (if applicable) as submitted has been authorized by the laboratory manager or his designee, as verified by the following signature.

June 17, 1996

Cecil C. Smith III
GC/MS SV Data Reviewer
IEA, Inc.

CHAIN OF CUSTODY RECORD/ANALYTICAL REQUEST

1. Project Name: Olin Morgantown
2. Project No.: 06778-51
3. SDG No.:
4. Project Manager: Jay Johnson
5. Manager's Phone No.:
6. Work Release No.: 06778-51
7. Prepared by: DB Dionne
8. Form checked before shipping by:
9. Airbill No.: Fed X 962001 1590

Samplers (Print names): D. Belcher

ABB Environmental Services, Inc.
110 Free Street
P.O. Box 7050
Portland, ME 04112
Tel: (207) 775-5401
Fax: (207) 772-4762

Date	Time	Water	Soil	Sample ID Number	Total No. of Containers:	VOC: Preservative: Bottle Type	SVOC: 8270 Bottle Type: 250mL A	Inorganic: Preservative: Filtered ☐Yes ☐No Bottle Type:	Pest/PCB: Bottle Type	TPH: Preservative: Bottle Type						Remarks: (Include MS/MSD information, composite or grab sample information, etc.)
5-7-96	1200		X	SA13-0608	1		1									
	1200		X	SA13-0608 D	1		1									duplicate
	1143		X	SA 13-0204	1		1									
	1705		X	LA-76 0002	1		1									
	1618		X	LA-75 0002	1		1									
	1243		X	LA-16 0408	1		1									
	1225		X	LA-07 0002	1		1									
	1155		X	SA-01 0408	1		1									2182-004
	1253		X	LA-17 0002	1		1									
	1130		X	SA-01 0004	1		1									
	1325		X	LA-22 0812 D	1		1									Duplicate

10. Date Shipped: 5/8/96
11. Date Received:
12. Date Shipped:
13. Relinquished by: DBDionne — Date/Time: 5/8/96-1730
14. Received by: D. McCosh — Date/Time: 5/9/96 0930
15. Relinquished by: — Date/Time:
16. Received by: — Date/Time:
17. Relinquished by: — Date/Time:
18. Received for Disposal by: — Date/Time:
19. Comments (Special instructions): LAB IEA 4°C

AR302536

CHAIN OF CUSTODY RECORD/ANALYTICAL REQUEST

1. Project Name: Olin Morgantown
2. Project No.: 06778-51
3. SDG No.:
4. Project Manager: Jay Johnson
5. Manager's Phone No.:
6. Work Release No.:
7. Prepared by: DD Dionne
8. Form checked before shipping by:
9. Airbill No.: FedX 9620011590

Samplers (Print names): D. Belcher

ABB Environmental Services, Inc.
110 Free Street
P.O. Box 7050
Portland, ME 04112
Tel: (207) 775-5401
Fax: (207) 772-4762

Date	Time	Water	Soil	Sample ID Number	Total No. of Containers	VOC: Preservative: / Bottle Type	SVOC: 8270 / Bottle Type 250ml A	Inorganic: Preservative: / Filtered ☐Yes ☐No Bottle Type:	Pest/PCB: / Bottle Type	TPH: Preservative: / Bottle Type					Remarks: (Include MS/MSD Information, composite or grab sample information, etc.)
5/7/96	1505		X	LA25 0002	1		1								
	1540		X	LA42 0004	1		1								
	1516		X	LA27 0002	1		1								
	1625		X	LA75 0406	1		1								
	1304		X	LA22 0408	1		1								
	1528		X	LA40 0003	1		1								
	1725		X	LA77 0204	1		1								
	1325		X	LA22 0812	1		1								2182-004
	1554		X	LA44 0812	1		1								
	1746		X	LA99 0002	1		1								
	1805		X	LA83 0406	1		1								

10. Date Shipped: 5/8/96
11. Date Received:
12. Date Shipped:
13. Relinquished by: DD Dionne — Date/Time: 5/8/96 1730
14. Received by: D. McCorck — Date/Time: 5/9/96 0930
15. Relinquished by: — Date/Time:
16. Received by: — Date/Time:
17. Relinquished by: — Date/Time:
18. Received for Disposal by: — Date/Time:

19. Comments (Special instructions): LAB IEA

4°C

AR302537

2D
SW-846 SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Level:(low/med) LOW

	CLIENT SAMPLE NO.	S1 (NBZ)#	S2 (FPB)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	TOT OUT
01	SVB390	76	82	71	80	90	78	0
02	0608D	77	84	73	84	90	78	0
03	0204	79	84	74	86	93	83	0
04	0408	76	82	74	82	89	83	0
05	SA01	78	83	73	83	91	80	0
06	0812D	79	85	72	83	91	84	0
07	LA77	79	84	73	85	92	79	0
08	SVB392	83	78	75	82	85	74	0
09	LA99	72	69	70	78	77	64	0
10	LA80	60	57	57	66	64	54	0
11	LA080	80	76	71	89	88	70	0
12	LA17	71	81	78	75	76	75	0
13	0812	76	80	74	74	82	82	0
14	LA83	81	83	73	78	87	78	0
15	SA322	80	81	70	82	90	77	0
16	SA300	75	79	70	79	86	76	0
17	SC02	72	83	79	74	81	74	0
18	0608MS	85	82	84	84	96	81	0
19	0608MSD	83	80	84	83	94	80	0
20	0608	82	85	72	83	92	78	0
21	LA22	66	80	90	70	74	77	0
22	LA96	0D	0D	0D	0D	0D	0D	0
23	LA07	87	110	122	100	102	102	0
24	LA42	0D	0D	0D	0D	0D	0D	0
25	7502	0D	0D	0D	0D	0D	0D	0
26	LA400	0D	0D	0D	0D	0D	0D	0
27	LA754	74	80	74	85	85	80	0
28	DS116	76	82	76	83	83	77	0
29	DS209	75	84	81	82	80	80	0
30	LA270	83	96	93	91	81	84	0

		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(23-120)
S2 (FPB)	= 2-Fluorobiphenyl	(30-115)
S3 (TPH)	= Terphenyl-d14	(18-137)
S4 (PHL)	= Phenol-d5	(24-113)
S5 (2FP)	= 2-Fluorophenol	(25-121)
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-2

2D
SW-846 SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Level:(low/med) LOW

	CLIENT SAMPLE NO.	S1 (NBZ)#	S2 (FPB)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	TOT OUT
01	DS3	71	80	72	78	75	75	0
02	LA448	97	107	116	104	104	107	0
03	SA0203	111	117*	134*	123*	121	120	0
04	LA25	0D	0D	0D	0D	0D	0D	0
05	DS114	100	98	103	115*	122*	98	0
06	LA99MS	86	81	87	95	99	75	0
07	LA99MSD	92	82	98	95	98	74	0
08	0004	102	105	133	111	111	110	0
09	DS113	0D	0D	0D	0D	0D	0D	0
10	0002	78	94	123	91	84	91	0
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(23-120)
S2 (FPB)	= 2-Fluorobiphenyl	(30-115)
S3 (TPH)	= Terphenyl-d14	(18-137)
S4 (PHL)	= Phenol-d5	(24-113)
S5 (2FP)	= 2-Fluorophenol	(25-121)
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-2

3D

SW-846 SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix Spike - CLIENT Sample No.: 0608 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	1900	0	1700	89	26- 90
2-Chlorophenol	1900	0	1700	89	25-102
1,4-Dichlorobenzene	1900	0	1500	79	28-104
N-Nitroso-di-n-prop.(1)	1900	0	1400	74	41-126
1,2,4-Trichlorobenzene	1900	0	1500	79	38-107
4-Chloro-3-methylphenol	1900	0	1800	95	26-103
Acenaphthene	1900	0	1600	84	31-137
4-Nitrophenol	1900	0	1800	95	11-114
2,4-Dinitrotoluene	1900	0	1600	84	28- 89
Pentachlorophenol	1900	0	1700	89	17-109
Pyrene	1900	0	1600	84	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	1900	1600	84	6	35	26- 90
2-Chlorophenol	1900	1700	89	0	50	25-102
1,4-Dichlorobenzene	1900	1400	74	6	27	28-104
N-Nitroso-di-n-prop.(1)	1900	1400	74	0	38	41-126
1,2,4-Trichlorobenzene	1900	1400	74	6	23	38-107
4-Chloro-3-methylphenol	1900	1700	89	6	33	26-103
Acenaphthene	1900	1500	79	6	19	31-137
4-Nitrophenol	1900	1700	89	6	50	11-114
2,4-Dinitrotoluene	1900	1600	84	0	47	28- 89
Pentachlorophenol	1900	1600	84	6	47	17-109
Pyrene	1900	1600	84	0	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS:

AR302540

3D

SW-846 SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix Spike - CLIENT Sample No.: LA99 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	LI R
Phenol	2000	0	2000	100*	26
2-Chlorophenol	2000	0	1900	95	25
1,4-Dichlorobenzene	2000	0	1600	80	28
N-Nitroso-di-n-prop.(1)	2000	0	1600	80	41
1,2,4-Trichlorobenzene	2000	0	1600	80	38
4-Chloro-3-methylphenol	2000	0	1800	90	26
Acenaphthene	2000	0	1600	80	31
4-Nitrophenol	2000	0	1900	95	11
2,4-Dinitrotoluene	2000	0	1700	85	28
Pentachlorophenol	2000	0	1700	85	17
Pyrene	2000	780	2000	61	35

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC RP	MI R
Phenol	2000	2200	110*	10	35	26
2-Chlorophenol	2000	1900	95	0	50	25
1,4-Dichlorobenzene	2000	1600	80	0	27	28
N-Nitroso-di-n-prop.(1)	2000	1600	80	0	38	41
1,2,4-Trichlorobenzene	2000	1800	90	12	23	38
4-Chloro-3-methylphenol	2000	2000	100	10	33	26
Acenaphthene	2000	1700	85	6	19	31
4-Nitrophenol	2000	1900	95	0	50	11
2,4-Dinitrotoluene	2000	1700	85	0	47	28
Pentachlorophenol	2000	1800	90	6	47	17
Pyrene	2000	4700	196*	105*	36	35

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 11 outside limits
Spike Recovery: 3 out of 22 outside limits

COMMENTS:

AR302541

4B

SW-846 SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SVB390

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID: 5211406.D Lab Sample ID: SVB390

Instrument ID: MSD14 Date Extracted: 05/15/96

Matrix: (soil/water) SOIL Date Analyzed: 05/22/96

Level:(low/med) LOW Time Analyzed: 0108

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	0608D	960521302	5211409.D	05/22/96
02	0204	960521303	5211410.D	05/22/96
03	0408	960521306	5211411.D	05/22/96
04	SA01	960521308	5211412.D	05/22/96
05	0812D	960521311	5211413.D	05/22/96
06	LA77	960521318	5211414.D	05/22/96
07	LA17	960521309	5221413.D	05/23/96
08	0812	960521319	5231402.D	05/23/96
09	LA83	960521322	5231403.D	05/24/96
10	SA322	960521325	5231404.D	05/24/96
11	SA300	960521326	5231405.D	05/24/96
12	SC02	960521331	5231406.D	05/24/96
13	0608MS	960521301MS	5231408.D	05/24/96
14	0608MSD	960521301MSD	5231409.D	05/24/96
15	0608	960521301	5231414.D	05/24/96
16	LA22	960521316	5231415.D	05/24/96
17	LA754	960521315	5281402.D	05/28/96
18	DS116	960521327	5281403.D	05/28/96
19	DS209	960521332	5281405.D	05/28/96
20	LA270	960521314	5281406.D	05/28/96
21	DS3	960521323	5281408.D	05/28/96
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COMMENTS:

4B

SW-846 SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SVB392

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID: 0522802.D Lab Sample ID: SVB392

Instrument ID: MSD8 Date Extracted: 05/16/96

Matrix: (soil/water) SOIL Date Analyzed: 05/22/96

Level:(low/med) LOW Time Analyzed: 1936

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LA99	960521321	0522809.D	05/23/96
02	LA80	960521324	0522810.D	05/23/96
03	LA080	960521334	0522811.D	05/23/96
04	LA96	960521328	0524806.D	05/24/96
05	LA07	960521307	0524807.D	05/24/96
06	LA42	960521313	0524811.D	05/25/96
07	7502	960521305	0524814.D	05/25/96
08	LA400	960521317	0524815.D	05/25/96
09	LA448	960521320	0528808.D	05/28/96
10	SA0203	960521333	0528809.D	05/29/96
11	LA25	960521312	0528810.D	05/29/96
12	DS114	960521329	0528811.D	05/29/96
13	LA99MS	960521321MS	0528812.D	05/29/96
14	LA99MSD	960521321MSD	0528813.D	05/29/96
15	0004	960521310	0528814.D	05/29/96
16	DS113	960521330	0529802.D	05/29/96
17	0002	960521304	0529804.D	05/29/96
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COMMENTS:

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5211401A.D Date Analyzed: 05/21/96

Instrument ID: MSD14 Time Analyzed: 2052

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	362255	9.85	1693474	12.75	1031957	16.95
	UPPER LIMIT	724510	10.35	3386948	13.25	2063914	17.45
	LOWER LIMIT	181128	9.35	846737	12.25	515978	16.45
	CLIENT SAMPLE No.						
01	SVB390	296206	9.86	1302431	12.76	742290	16.94
02	0608D	267843	9.86	1215763	12.76	703395	16.95
03	0204	279790	9.86	1266420	12.75	737889	16.94
04	0408	266442	9.86	1194900	12.76	708456	16.94
05	SA01	271241	9.86	1213888	12.75	692382	16.94
06	0812D	304637	9.85	1344283	12.75	762289	16.94
07	LA77	275874	9.85	1238959	12.75	702876	16.94
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5211401A.D Date Analyzed: 05/21/96

Instrument ID: MSD14 Time Analyzed: 2052

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	2031718	20.46	1540062	26.84	1810455	30.13
	UPPER LIMIT	4063436	20.96	3080124	27.34	3620910	30.63
	LOWER LIMIT	1015859	19.96	770031	26.34	905228	29.63
	CLIENT SAMPLE No.						
01	SVB390	1567883	20.45	1479978	26.83	1520819	30.12
02	0608D	1436304	20.46	1287354	26.83	1365735	30.13
03	0204	1520968	20.45	1332728	26.83	1389232	30.12
04	0408	1476943	20.46	1334669	26.83	1338126	30.12
05	SA01	1457171	20.45	1331913	26.83	1350089	30.12
06	0812D	1576175	20.44	1399557	26.83	1420234	30.12
07	LA77	1464171	20.44	1339243	26.83	1364783	30.11
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

AR302545

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5221401A.D Date Analyzed: 05/22/96

Instrument ID: MSD14 Time Analyzed: 2208

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	393214	9.82	1834761	12.72	1093794	16.92
UPPER LIMIT	786428	10.32	3669522	13.22	2187588	17.42
LOWER LIMIT	196607	9.32	917380	12.22	546897	16.42
CLIENT SAMPLE No.						
01 LA17	432118	9.83	2019651	12.73	1162475	16.92
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5221401A.D Date Analyzed: 05/22/96

Instrument ID: MSD14 Time Analyzed: 2208

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	2030257	20.43	1560898	26.82	1894961	30.10
	UPPER LIMIT	4060514	20.93	3121796	27.32	3789922	30.60
	LOWER LIMIT	1015128	19.93	780449	26.32	947480	29.60
	CLIENT SAMPLE No.						
01	LA17	2143639	20.43	1698336	26.83	1711854	30.11
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5231401A.D Date Analyzed: 05/23/96

Instrument ID: MSD14 Time Analyzed: 2231

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	429610	9.79	2047490	12.70	1251254	16.89
	UPPER LIMIT	859220	10.29	4094980	13.20	2502508	17.39
	LOWER LIMIT	214805	9.29	1023745	12.20	625627	16.39
	CLIENT SAMPLE No.						
01	0812	372015	9.80	1543757	12.70	861286	16.88
02	LA83	387027	9.80	1624198	12.69	920958	16.88
03	SA322	328096	9.80	1461937	12.69	863155	16.88
04	SA300	341708	9.80	1526351	12.69	883899	16.89
05	SC02	363793	9.80	1720715	12.69	960809	16.89
06	0608MS	329667	9.80	1519229	12.71	929679	16.89
07	0608MSD	349477	9.80	1617206	12.71	990006	16.89
08	0608	331999	9.85	1466218	12.74	859394	16.94
09	LA22	353813	9.85	1682495	12.75	975723	16.94
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5231401A.D Date Analyzed: 05/23/96

Instrument ID: MSD14 Time Analyzed: 2231

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	2358787	20.41	1799833	26.79	2087750	30.08
	UPPER LIMIT	4717574	20.91	3599666	27.29	4175500	30.58
	LOWER LIMIT	1179394	19.91	899916	26.29	1043875	29.58
	CLIENT SAMPLE No.						
01	0812	1794157	20.39	1530756	26.78	1521771	30.06
02	LA83	1828173	20.39	1560213	26.77	1562404	30.05
03	SA322	1696614	20.39	1511335	26.78	1563289	30.06
04	SA300	1688252	20.40	1502794	26.77	1470834	30.05
05	SC02	1830712	20.40	1329090	26.82	1220660	30.15
06	0608MS	1831027	20.40	1362794	26.80	1554210	30.07
07	0608MSD	1923196	20.40	1417610	26.79	1645419	30.07
08	0608	1717830	20.44	1551098	26.82	1628239	30[illegible]
09	LA22	1814565	20.46	1178070	26.89	1096172	30.[illegible]
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5281401A.D Date Analyzed: 05/28/96

Instrument ID: MSD14 Time Analyzed: 1007

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	339266	9.78	1453513	12.68	851783	16.87
	UPPER LIMIT	678532	10.28	2907026	13.18	1703566	17.37
	LOWER LIMIT	169633	9.28	726756	12.18	425892	16.37
	CLIENT SAMPLE No.						
01	LA754	260532	9.78	1143272	12.68	650597	16.87
02	DS116	287284	9.78	1273290	12.68	718521	16.87
03	DS209	320379	9.78	1393476	12.68	772696	16.87
04	LA270	342230	9.78	1515141	12.68	842808	16.87
05	DS3	321266	9.79	1417731	12.68	764465	16.88
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 5281401A.D Date Analyzed: 05/28/96

Instrument ID: MSD14 Time Analyzed: 1007

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	1559858	20.38	1368525	26.76	1662430	30.04
	UPPER LIMIT	3119716	20.88	2737050	27.26	3324860	30.54
	LOWER LIMIT	779929	19.88	684262	26.26	831215	29.54
	CLIENT SAMPLE No.						
01	LA754	1238652	20.38	1285784	26.75	1430053	30.03
02	DS116	1363521	20.38	1284592	26.76	1489722	30.04
03	DS209	1443346	20.39	1327030	26.76	1499427	30.04
04	LA270	1572626	20.38	1492004	26.78	1692370	30.06
05	DS3	1419110	20.39	1333595	26.78	1495408	30.07
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0522801A.D Date Analyzed: 05/22/96

Instrument ID: MSD8 Time Analyzed: 1825

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	354736	9.55	1827231	12.66	1253735	17.17
	UPPER LIMIT	709472	10.05	3654462	13.16	2507470	17.67
	LOWER LIMIT	177368	9.05	913616	12.16	626868	16.67
	CLIENT SAMPLE No.						
01	SVB392	311824	9.55	1462347	12.66	987349	17.16
02	LA99	314478	9.55	1601099	12.65	1111811	17.15
03	LA80	317365	9.54	1613411	12.65	1141284	17.15
04	LA080	311079	9.55	1589249	12.65	1106160	17.15
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0522801A.D Date Analyzed: 05/22/96

Instrument ID: MSD8 Time Analyzed: 1825

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	2714020	20.94	2524842	27.80	2986427	31.66
	UPPER LIMIT	5428040	21.44	5049684	28.30	5972854	32.16
	LOWER LIMIT	1357010	20.44	1262421	27.30	1493214	31.16
	CLIENT SAMPLE No.						
01	SVB392	2165280	20.93	2244856	27.78	2357484	31.63
02	LA99	2199185	20.92	2122575	27.78	2197970	31.63
03	LA80	2288549	20.92	2283381	27.77	2291638	31.63
04	LA080	2270625	20.92	2265127	27.77	2285405	31.62
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0524801A.D Date Analyzed: 05/24/96

Instrument ID: MSD8 Time Analyzed: 1629

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	377229	9.31	2086481	12.40	1528838	16.87
	UPPER LIMIT	754458	9.81	4172962	12.90	3057676	17.37
	LOWER LIMIT	188614	8.81	1043240	11.90	764419	16.37
	CLIENT SAMPLE No.						
01	LA96	292619	9.33	1736026	12.41	1329069	16.87
02	LA07	265738	9.32	1540927	12.40	1216283	16.87
03	LA42	295972	9.32	1758474	12.40	1383280	16.88
04	7502	326021	9.33	1817995	12.41	1395248	16.88
05	LA400	311144	9.33	1794010	12.41	1382094	16.87
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0524801A.D Date Analyzed: 05/24/96

Instrument ID: MSD8 Time Analyzed: 1629

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	3410779	20.61	3181019	27.44	3948417	31.16
	UPPER LIMIT	6821558	21.11	6362038	27.94	7896834	31.66
	LOWER LIMIT	1705390	20.11	1590510	26.94	1974208	30.66
	CLIENT SAMPLE No.						
01	LA96	2974395	20.62	3271117	27.44	3697193	31.16
02	LA07	2712998	20.62	2927956	27.43	3355293	31.15
03	LA42	3009563	20.63	2897431	27.46	3419338	31.18
04	7502	3038306	20.62	3369322	27.44	3723647	31.15
05	LA400	3024836	20.63	3349559	27.44	3689301	31.16
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0528801A.D Date Analyzed: 05/28/96

Instrument ID: MSD8 Time Analyzed: 1714

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	532654	9.45	2952193	12.56	2120858	17.06
	UPPER LIMIT	1065308	9.95	5904386	13.06	4241716	17.56
	LOWER LIMIT	266327	8.95	1476096	12.06	1060429	16.56
	CLIENT SAMPLE No.						
01	LA448	418346	9.45	2310677	12.54	1735281	17.05
02	SA0203	430618	9.45	2303283	12.55	1704026	17.05
03	LA25	421557	9.45	2347575	12.54	1808970	17.04
04	DS114	449944	9.45	2480841	12.55	1847921	17.04
05	LA99MS	393143	9.46	2166150	12.56	1587504	17.05
06	LA99MSD	391320	9.46	2045034	12.57	1576303	17.06
07	0004	459216	9.45	2487067	12.55	1877415	17.05
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0528801A.D Date Analyzed: 05/28/96

Instrument ID: MSD8 Time Analyzed: 1714

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	4670358	20.82	4223906	27.67	4989662	31.47
	UPPER LIMIT	9340716	21.32	8447812	28.17	9979324	31.97
	LOWER LIMIT	2335179	20.32	2111953	27.17	2494831	30.97
	CLIENT SAMPLE No.						
01	LA448	3657632	20.80	4052604	27.64	4424562	31.44
02	SA0203	3736196	20.81	3481683	27.66	3825976	31.47
03	LA25	3860061	20.81	3480399	27.66	4082721	31.47
04	DS114	4042175	20.82	3913595	27.67	4364828	31.47
05	LA99MS	3480149	20.82	3039654	27.68	3677530	31.48
06	LA99MSD	3253587	20.83	2591903	27.70	3366699	31.51
07	0004	4105481	20.82	3367348	27.68	3795473	31.50
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8B

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0529801A.D Date Analyzed: 05/29/96

Instrument ID: MSD8 Time Analyzed: 1042

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	469225	9.44	2560203	12.54	1900239	17.03
	UPPER LIMIT	938450	9.94	5120406	13.04	3800478	17.53
	LOWER LIMIT	234612	8.94	1280102	12.04	950120	16.53
	CLIENT SAMPLE No.						
01	DS113	419128	9.44	2336138	12.54	1798777	17.04
02	0002	428236	9.43	2381281	12.53	1813004	17.03
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8C

SW-846 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Lab File ID (Standard): 0529801A.D Date Analyzed: 05/29/96

Instrument ID: MSD8 Time Analyzed: 1042

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	4304815	20.79	4314547	27.65	5107854	31.47
	UPPER LIMIT	8609630	21.29	8629094	28.15	10215708	31.97
	LOWER LIMIT	2152408	20.29	2157274	27.15	2553927	30.97
	CLIENT SAMPLE No.						
01	DS113	3912671	20.79	4378075	27.64	4889903	31.47
02	0002	3976478	20.78	4093269	27.65	4829789	31.48
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0002

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521304

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0529804.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	UG/KG	Q
108-95-2	Phenol	8400	U
111-44-4	bis(2-Chloroethyl)ether	8400	U
95-57-8	2-Chlorophenol	8400	U
541-73-1	1,3-Dichlorobenzene	8400	U
106-46-7	1,4-Dichlorobenzene	8400	U
95-50-1	1,2-Dichlorobenzene	8400	U
95-48-7	2-Methylphenol	8400	U
108-60-1	bis(2-Chloroisopropyl)ether)	8400	U
106-44-5	4-Methylphenol	8400	U
621-64-7	N-Nitroso-di-n-propylamine	8400	U
67-72-1	Hexachloroethane	8400	U
98-95-3	Nitrobenzene	8400	U
78-59-1	Isophorone	8400	U
88-75-5	2-Nitrophenol	8400	U
105-67-9	2,4-Dimethylphenol	8400	U
111-91-1	bis(2-Chloroethoxy)methane	8400	U
120-83-2	2,4-Dichlorophenol	8400	U
120-82-1	1,2,4-Trichlorobenzene	8400	U
91-20-3	Naphthalene	8400	U
106-47-8	4-Chloroaniline	17000	U
87-68-3	Hexachlorobutadiene	8400	U
59-50-7	4-Chloro-3-methylphenol	17000	U
91-57-6	2-Methylnaphthalene	8400	U
77-47-4	Hexachlorocyclopentadiene	8400	U
88-06-2	2,4,6-Trichlorophenol	8400	U
95-95-4	2,4,5-Trichlorophenol	8400	U
91-58-7	2-Chloronaphthalene	8400	U
88-74-4	2-Nitroaniline	40000	U
131-11-3	Dimethylphthalate	8400	U
208-96-8	Acenaphthylene	6900	J
606-20-2	2,6-Dinitrotoluene	8400	U
99-09-2	3-Nitroaniline	40000	U
83-32-9	Acenaphthene	8400	U

AR302560

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

0002

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521304

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0529804.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	40000	U
100-02-7	4-Nitrophenol	40000	U
132-64-9	Dibenzofuran	1300	J
121-14-2	2,4-Dinitrotoluene	8400	U
84-66-2	Diethylphthalate	8400	U
7005-72-3	4-Chlorophenyl-phenylether	8400	U
86-73-7	Fluorene	2500	J
100-01-6	4-Nitroaniline	40000	
534-52-1	4,6-Dinitro-2-methylphenol	40000	
86-30-6	N-Nitrosodiphenylamine (1)	8400	U
101-55-3	4-Bromophenyl-phenylether	8400	U
118-74-1	Hexachlorobenzene	8400	U
87-86-5	Pentachlorophenol	40000	U
85-01-8	Phenanthrene	26000	
120-12-7	Anthracene	7800	J
84-74-2	Di-n-butylphthalate	8400	U
206-44-0	Fluoranthene	48000	
129-00-0	Pyrene	38000	
85-68-7	Butylbenzylphthalate	8400	U
91-94-1	3,3'-Dichlorobenzidine	17000	U
56-55-3	Benzo(a)anthracene	28000	
218-01-9	Chrysene	25000	
117-81-7	bis(2-Ethylhexyl)phthalate	8400	U
117-84-0	Di-n-octylphthalate	8400	U
205-99-2	Benzo(b)fluoranthene	28000	
207-08-9	Benzo(k)fluoranthene	18000	
50-32-8	Benzo(a)pyrene	26000	
193-39-5	Indeno(1,2,3-cd)pyrene	17000	
53-70-3	Dibenz(a,h)anthracene	8100	J
191-24-2	Benzo(g,h,i)perylene	14000	
100-51-6	Benzyl Alcohol	17000	U
65-85-0	Benzoic Acid	40000	U

AR302561

1F
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0002

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521304

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0529804.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0004

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521310

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	UG/KG	Q
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	bis(2-Chloroisopropyl)ether)	1600	U
106-44-5	4-Methylphenol	1600	
621-64-7	N-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	540	J
106-47-8	4-Chloroaniline	3100	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	3100	U
91-57-6	2-Methylnaphthalene	230	J
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	7600	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1700	
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	7600	U
83-32-9	Acenaphthene	1600	U

AR302563

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

0004

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521310

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	7600	U
100-02-7	4-Nitrophenol	7600	U
132-64-9	Dibenzofuran	960	J
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	1800	
100-01-6	4-Nitroaniline	7600	U
534-52-1	4,6-Dinitro-2-methylphenol	7600	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	7600	U
85-01-8	Phenanthrene	9200	
120-12-7	Anthracene	3400	
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	11000	
129-00-0	Pyrene	9600	
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	3100	U
56-55-3	Benzo(a)anthracene	5900	
218-01-9	Chrysene	4900	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	4100	
207-08-9	Benzo(k)fluoranthene	4000	
50-32-8	Benzo(a)pyrene	4800	
193-39-5	Indeno(1,2,3-cd)pyrene	2800	
53-70-3	Dibenz(a,h)anthracene	1400	J
191-24-2	Benzo(g,h,i)perylene	2300	
100-51-6	Benzyl Alcohol	3100	U
65-85-0	Benzoic Acid	7600	U

AR302564

1F
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE N

0004

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521310

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE N

0204

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521303

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211410.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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	50	J
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
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	810	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	810	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	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0204

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521303

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211410.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	
534-52-1	4,6-Dinitro-2-methylphenol	2000	
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	810	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	810	U
65-85-0	Benzoic Acid	2000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0204

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521303

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211410.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL:

0408

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521306

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211411.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	bis(2-Chloroisopropyl)ether)	440	[illegible]
106-44-5	4-Methylphenol	440	[illegible]
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
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	880	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	880	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	440	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE N

0408

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521306

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211411.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	720	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	880	U
65-85-0	Benzoic Acid	2100	U

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CLIENT SAMPLE N

0408

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521306

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211411.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0608

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	740	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	740	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	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U

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1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0608

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	720	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	740	U
65-85-0	Benzoic Acid	1800	U

AR302573

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0608

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0608MS

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231408.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1700	
111-44-4	bis(2-Chloroethyl)ether	1500	
95-57-8	2-Chlorophenol	1700	
541-73-1	1,3-Dichlorobenzene	1400	
106-46-7	1,4-Dichlorobenzene	1500	
95-50-1	1,2-Dichlorobenzene	1500	
95-48-7	2-Methylphenol	1600	
108-60-1	bis(2-Chloroisopropyl)ether)	1400	
106-44-5	4-Methylphenol	1600	
621-64-7	N-Nitroso-di-n-propylamine	1400	
67-72-1	Hexachloroethane	1400	
98-95-3	Nitrobenzene	1500	
78-59-1	Isophorone	1400	
88-75-5	2-Nitrophenol	1600	
105-67-9	2,4-Dimethylphenol	1800	
111-91-1	bis(2-Chloroethoxy)methane	1600	
120-83-2	2,4-Dichlorophenol	1700	
120-82-1	1,2,4-Trichlorobenzene	1500	
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	850	
87-68-3	Hexachlorobutadiene	1400	
59-50-7	4-Chloro-3-methylphenol	1800	
91-57-6	2-Methylnaphthalene	1400	
77-47-4	Hexachlorocyclopentadiene	1000	
88-06-2	2,4,6-Trichlorophenol	1600	
95-95-4	2,4,5-Trichlorophenol	1600	
91-58-7	2-Chloronaphthalene	1500	
88-74-4	2-Nitroaniline	1600	J
131-11-3	Dimethylphthalate	1600	
208-96-8	Acenaphthylene	1600	
606-20-2	2,6-Dinitrotoluene	1600	
99-09-2	3-Nitroaniline	1400	J
83-32-9	Acenaphthene	1600	

AR302575

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0608MS

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231408.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	J
100-02-7	4-Nitrophenol	1800	
132-64-9	Dibenzofuran	1500	
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	1600	
7005-72-3	4-Chlorophenyl-phenylether	1500	
86-73-7	Fluorene	1600	
100-01-6	4-Nitroaniline	1500	J
534-52-1	4,6-Dinitro-2-methylphenol	1500	J
86-30-6	N-Nitrosodiphenylamine (1)	1400	
101-55-3	4-Bromophenyl-phenylether	1400	
118-74-1	Hexachlorobenzene	1500	
87-86-5	Pentachlorophenol	1700	J
85-01-8	Phenanthrene	1500	
120-12-7	Anthracene	1500	
84-74-2	Di-n-butylphthalate	1600	
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1700	
91-94-1	3,3'-Dichlorobenzidine	1200	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	2300	
117-84-0	Di-n-octylphthalate	1800	
205-99-2	Benzo(b)fluoranthene	1700	
207-08-9	Benzo(k)fluoranthene	1400	
50-32-8	Benzo(a)pyrene	1600	
193-39-5	Indeno(1,2,3-cd)pyrene	1600	
53-70-3	Dibenz(a,h)anthracene	1800	
191-24-2	Benzo(g,h,i)perylene	1600	
100-51-6	Benzyl Alcohol	1500	
65-85-0	Benzoic Acid	2000	

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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

0608MSD

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231409.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1600	
111-44-4	bis(2-Chloroethyl)ether	1500	
95-57-8	2-Chlorophenol	1700	
541-73-1	1,3-Dichlorobenzene	1400	
106-46-7	1,4-Dichlorobenzene	1400	
95-50-1	1,2-Dichlorobenzene	1400	
95-48-7	2-Methylphenol	1600	
108-60-1	bis(2-Chloroisopropyl)ether)	1400	
106-44-5	4-Methylphenol	1600	
621-64-7	N-Nitroso-di-n-propylamine	1400	
67-72-1	Hexachloroethane	1400	
98-95-3	Nitrobenzene	1500	
78-59-1	Isophorone	1300	
88-75-5	2-Nitrophenol	1600	
105-67-9	2,4-Dimethylphenol	1800	
111-91-1	bis(2-Chloroethoxy)methane	1500	
120-83-2	2,4-Dichlorophenol	1700	
120-82-1	1,2,4-Trichlorobenzene	1400	
91-20-3	Naphthalene	1400	
106-47-8	4-Chloroaniline	970	
87-68-3	Hexachlorobutadiene	1400	
59-50-7	4-Chloro-3-methylphenol	1700	
91-57-6	2-Methylnaphthalene	1400	
77-47-4	Hexachlorocyclopentadiene	1100	
88-06-2	2,4,6-Trichlorophenol	1600	
95-95-4	2,4,5-Trichlorophenol	1600	
91-58-7	2-Chloronaphthalene	1500	
88-74-4	2-Nitroaniline	1600	J
131-11-3	Dimethylphthalate	1600	
208-96-8	Acenaphthylene	1600	
606-20-2	2,6-Dinitrotoluene	1600	
99-09-2	3-Nitroaniline	1400	J
83-32-9	Acenaphthene	1500	

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0608MSD

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521301MSD

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231409.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	J
100-02-7	4-Nitrophenol	1700	J
132-64-9	Dibenzofuran	1500	
121-14-2	2,4-Dinitrotoluene	1600	
84-66-2	Diethylphthalate	1500	
7005-72-3	4-Chlorophenyl-phenylether	1500	
86-73-7	Fluorene	1600	
100-01-6	4-Nitroaniline	1500	J
534-52-1	4,6-Dinitro-2-methylphenol	1500	J
86-30-6	N-Nitrosodiphenylamine (1)	1400	
101-55-3	4-Bromophenyl-phenylether	1300	
118-74-1	Hexachlorobenzene	1400	
87-86-5	Pentachlorophenol	1600	J
85-01-8	Phenanthrene	1500	
120-12-7	Anthracene	1500	
84-74-2	Di-n-butylphthalate	1500	
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1700	
91-94-1	3,3'-Dichlorobenzidine	1300	
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	2200	
117-84-0	Di-n-octylphthalate	1800	
205-99-2	Benzo(b)fluoranthene	1700	
207-08-9	Benzo(k)fluoranthene	1400	
50-32-8	Benzo(a)pyrene	1500	
193-39-5	Indeno(1,2,3-cd)pyrene	1600	
53-70-3	Dibenz(a,h)anthracene	1700	
191-24-2	Benzo(g,h,i)perylene	1600	
100-51-6	Benzyl Alcohol	1500	
65-85-0	Benzoic Acid	2000	

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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0608D

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521302

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211409.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	750	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	750	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	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U

AR302579

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0608D

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521302

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211409.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	980	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	750	U
65-85-0	Benzoic Acid	1800	U

AR302580

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

0608D

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521302

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211409.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

0812

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521319

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 24 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	45	J
106-47-8	4-Chloroaniline	870	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-methylphenol	870	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	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U

AR302582

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0812

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521319

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 24 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	150	J
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	870	U
65-85-0	Benzoic Acid	2100	U

AR302583

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

0812

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521319

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 24 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

0812D

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521311

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
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
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	95	J
106-47-8	4-Chloroaniline	880	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	880	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	440	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U

AR302585

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE :

0812D

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521311

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	52	J
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-octylphthalate	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
100-51-6	Benzyl Alcohol	880	U
65-85-0	Benzoic Acid	2100	U

AR302586

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

0812D

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521311

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

7502

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521305

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0524814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4100000	U
111-44-4	bis(2-Chloroethyl)ether	4100000	U
95-57-8	2-Chlorophenol	4100000	U
541-73-1	1,3-Dichlorobenzene	4100000	U
106-46-7	1,4-Dichlorobenzene	4100000	U
95-50-1	1,2-Dichlorobenzene	4100000	U
95-48-7	2-Methylphenol	4100000	U
108-60-1	bis(2-Chloroisopropyl)ether)	4100000	U
106-44-5	4-Methylphenol	4100000	U
621-64-7	N-Nitroso-di-n-propylamine	4100000	U
67-72-1	Hexachloroethane	4100000	U
98-95-3	Nitrobenzene	4100000	U
78-59-1	Isophorone	4100000	U
88-75-5	2-Nitrophenol	4100000	U
105-67-9	2,4-Dimethylphenol	4100000	U
111-91-1	bis(2-Chloroethoxy)methane	4100000	U
120-83-2	2,4-Dichlorophenol	4100000	U
120-82-1	1,2,4-Trichlorobenzene	4100000	U
91-20-3	Naphthalene	27000000	
106-47-8	4-Chloroaniline	8200000	U
87-68-3	Hexachlorobutadiene	4100000	U
59-50-7	4-Chloro-3-methylphenol	8200000	U
91-57-6	2-Methylnaphthalene	3900000	J
77-47-4	Hexachlorocyclopentadiene	4100000	U
88-06-2	2,4,6-Trichlorophenol	4100000	U
95-95-4	2,4,5-Trichlorophenol	4100000	U
91-58-7	2-Chloronaphthalene	4100000	U
88-74-4	2-Nitroaniline	20000000	U
131-11-3	Dimethylphthalate	4100000	U
208-96-8	Acenaphthylene	5000000	
606-20-2	2,6-Dinitrotoluene	4100000	U
99-09-2	3-Nitroaniline	20000000	U
83-32-9	Acenaphthene	4100000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

7502

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521305

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0524814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	20000000	U
100-02-7	4-Nitrophenol	20000000	U
132-64-9	Dibenzofuran	3300000	J
121-14-2	2,4-Dinitrotoluene	4100000	U
84-66-2	Diethylphthalate	4100000	U
7005-72-3	4-Chlorophenyl-phenylether	4100000	U
86-73-7	Fluorene	4200000	
100-01-6	4-Nitroaniline	20000000	U
534-52-1	4,6-Dinitro-2-methylphenol	20000000	
86-30-6	N-Nitrosodiphenylamine (1)	4100000	
101-55-3	4-Bromophenyl-phenylether	4100000	U
118-74-1	Hexachlorobenzene	4100000	U
87-86-5	Pentachlorophenol	20000000	U
85-01-8	Phenanthrene	13000000	
120-12-7	Anthracene	4300000	
84-74-2	Di-n-butylphthalate	4100000	U
206-44-0	Fluoranthene	9400000	
129-00-0	Pyrene	6000000	
85-68-7	Butylbenzylphthalate	4100000	U
91-94-1	3,3'-Dichlorobenzidine	8200000	U
56-55-3	Benzo(a)anthracene	3100000	J
218-01-9	Chrysene	2600000	J
117-81-7	bis(2-Ethylhexyl)phthalate	4100000	U
117-84-0	Di-n-octylphthalate	4100000	U
205-99-2	Benzo(b)fluoranthene	2300000	J
207-08-9	Benzo(k)fluoranthene	2100000	J
50-32-8	Benzo(a)pyrene	2600000	J
193-39-5	Indeno(1,2,3-cd)pyrene	1200000	J
53-70-3	Dibenz(a,h)anthracene	590000	J
191-24-2	Benzo(g,h,i)perylene	1100000	J
100-51-6	Benzyl Alcohol	8200000	U
65-85-0	Benzoic Acid	20000000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

7502

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521305

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0524814.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPI

DS113

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521330

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0529802.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 49 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	130000	U
111-44-4	bis(2-Chloroethyl)ether	130000	U
95-57-8	2-Chlorophenol	130000	U
541-73-1	1,3-Dichlorobenzene	130000	U
106-46-7	1,4-Dichlorobenzene	130000	U
95-50-1	1,2-Dichlorobenzene	130000	U
95-48-7	2-Methylphenol	130000	U
108-60-1	bis(2-Chloroisopropyl)ether)	130000	U
106-44-5	4-Methylphenol	130000	U
621-64-7	N-Nitroso-di-n-propylamine	130000	U
67-72-1	Hexachloroethane	130000	U
98-95-3	Nitrobenzene	130000	U
78-59-1	Isophorone	130000	U
88-75-5	2-Nitrophenol	130000	U
105-67-9	2,4-Dimethylphenol	130000	U
111-91-1	bis(2-Chloroethoxy)methane	130000	U
120-83-2	2,4-Dichlorophenol	130000	U
120-82-1	1,2,4-Trichlorobenzene	130000	U
91-20-3	Naphthalene	120000	J
106-47-8	4-Chloroaniline	260000	U
87-68-3	Hexachlorobutadiene	130000	U
59-50-7	4-Chloro-3-methylphenol	260000	U
91-57-6	2-Methylnaphthalene	54000	J
77-47-4	Hexachlorocyclopentadiene	130000	U
88-06-2	2,4,6-Trichlorophenol	130000	U
95-95-4	2,4,5-Trichlorophenol	130000	U
91-58-7	2-Chloronaphthalene	130000	U
88-74-4	2-Nitroaniline	620000	U
131-11-3	Dimethylphthalate	130000	U
208-96-8	Acenaphthylene	100000	J
606-20-2	2,6-Dinitrotoluene	130000	U
99-09-2	3-Nitroaniline	620000	U
83-32-9	Acenaphthene	130000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DS113

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521330

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0529802.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 49 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	620000	U
100-02-7	4-Nitrophenol	620000	U
132-64-9	Dibenzofuran	110000	J
121-14-2	2,4-Dinitrotoluene	130000	U
84-66-2	Diethylphthalate	130000	U
7005-72-3	4-Chlorophenyl-phenylether	130000	U
86-73-7	Fluorene	160000	
100-01-6	4-Nitroaniline	620000	U
534-52-1	4,6-Dinitro-2-methylphenol	620000	U
86-30-6	N-Nitrosodiphenylamine (1)	130000	U
101-55-3	4-Bromophenyl-phenylether	130000	U
118-74-1	Hexachlorobenzene	130000	U
87-86-5	Pentachlorophenol	620000	U
85-01-8	Phenanthrene	650000	
120-12-7	Anthracene	200000	
84-74-2	Di-n-butylphthalate	130000	U
206-44-0	Fluoranthene	530000	
129-00-0	Pyrene	380000	
85-68-7	Butylbenzylphthalate	130000	U
91-94-1	3,3'-Dichlorobenzidine	260000	U
56-55-3	Benzo(a)anthracene	220000	
218-01-9	Chrysene	180000	
117-81-7	bis(2-Ethylhexyl)phthalate	130000	U
117-84-0	Di-n-octylphthalate	130000	U
205-99-2	Benzo(b)fluoranthene	110000	J
207-08-9	Benzo(k)fluoranthene	180000	
50-32-8	Benzo(a)pyrene	170000	
193-39-5	Indeno(1,2,3-cd)pyrene	87000	J
53-70-3	Dibenz(a,h)anthracene	41000	J
191-24-2	Benzo(g,h,i)perylene	79000	J
100-51-6	Benzyl Alcohol	260000	U
65-85-0	Benzoic Acid	620000	U

AR302592

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

DS113

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521330

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0529802.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 49 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE N

DS114

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521329

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	900	U
111-44-4	bis(2-Chloroethyl)ether	900	U
95-57-8	2-Chlorophenol	900	U
541-73-1	1,3-Dichlorobenzene	900	U
106-46-7	1,4-Dichlorobenzene	900	U
95-50-1	1,2-Dichlorobenzene	900	U
95-48-7	2-Methylphenol	900	U
108-60-1	bis(2-Chloroisopropyl)ether)	900	U
106-44-5	4-Methylphenol	900	U
621-64-7	N-Nitroso-di-n-propylamine	900	U
67-72-1	Hexachloroethane	900	U
98-95-3	Nitrobenzene	900	U
78-59-1	Isophorone	900	U
88-75-5	2-Nitrophenol	900	U
105-67-9	2,4-Dimethylphenol	900	U
111-91-1	bis(2-Chloroethoxy)methane	900	U
120-83-2	2,4-Dichlorophenol	900	U
120-82-1	1,2,4-Trichlorobenzene	900	U
91-20-3	Naphthalene	470	J
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	900	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	110	J
77-47-4	Hexachlorocyclopentadiene	900	U
88-06-2	2,4,6-Trichlorophenol	900	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	900	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	900	U
208-96-8	Acenaphthylene	550	J
606-20-2	2,6-Dinitrotoluene	900	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	900	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

DS114

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521329

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	340	J
121-14-2	2,4-Dinitrotoluene	900	U
84-66-2	Diethylphthalate	900	U
7005-72-3	4-Chlorophenyl-phenylether	900	U
86-73-7	Fluorene	570	J
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-methylphenol	4400	[illegible]
86-30-6	N-Nitrosodiphenylamine (1)	900	[illegible]
101-55-3	4-Bromophenyl-phenylether	900	U
118-74-1	Hexachlorobenzene	900	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	3600	
120-12-7	Anthracene	1100	
84-74-2	Di-n-butylphthalate	900	U
206-44-0	Fluoranthene	4300	
129-00-0	Pyrene	3200	
85-68-7	Butylbenzylphthalate	900	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)anthracene	2100	
218-01-9	Chrysene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	900	U
205-99-2	Benzo(b)fluoranthene	1500	
207-08-9	Benzo(k)fluoranthene	1500	
50-32-8	Benzo(a)pyrene	1700	
193-39-5	Indeno(1,2,3-cd)pyrene	960	
53-70-3	Dibenz(a,h)anthracene	460	J
191-24-2	Benzo(g,h,i)perylene	1100	
100-51-6	Benzyl Alcohol	1800	U
65-85-0	Benzoic Acid	4400	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DS114

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521329

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0528811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

DS116

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521327

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
95-48-7	2-Methylphenol	1300	U
108-60-1	bis(2-Chloroisopropyl)ether)	1300	U
106-44-5	4-Methylphenol	1300	U
621-64-7	N-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	620	J
106-47-8	4-Chloroaniline	2600	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	2600	U
91-57-6	2-Methylnaphthalene	340	J
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
95-95-4	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	6400	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	900	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	6400	U
83-32-9	Acenaphthene	1300	U

AR302597

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DS116

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521327

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	6400	U
100-02-7	4-Nitrophenol	6400	U
132-64-9	Dibenzofuran	1000	J
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
86-73-7	Fluorene	1600	
100-01-6	4-Nitroaniline	6400	U
534-52-1	4,6-Dinitro-2-methylphenol	6400	U
86-30-6	N-Nitrosodiphenylamine (1)	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	6400	U
85-01-8	Phenanthrene	7500	
120-12-7	Anthracene	1900	
84-74-2	Di-n-butylphthalate	1300	U
206-44-0	Fluoranthene	6600	
129-00-0	Pyrene	4800	
85-68-7	Butylbenzylphthalate	1300	U
91-94-1	3,3'-Dichlorobenzidine	2600	U
56-55-3	Benzo(a)anthracene	2200	
218-01-9	Chrysene	2000	
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo(b)fluoranthene	1400	
207-08-9	Benzo(k)fluoranthene	1800	
50-32-8	Benzo(a)pyrene	1800	
193-39-5	Indeno(1,2,3-cd)pyrene	960	J
53-70-3	Dibenz(a,h)anthracene	460	J
191-24-2	Benzo(g,h,i)perylene	930	J
100-51-6	Benzyl Alcohol	2600	U
65-85-0	Benzoic Acid	6400	U

AR302598

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE N

DS116

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521327

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DS209

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521332

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 6.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2600	U
111-44-4	bis(2-Chloroethyl)ether	2600	U
95-57-8	2-Chlorophenol	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
95-48-7	2-Methylphenol	2600	U
108-60-1	bis(2-Chloroisopropyl)ether)	2600	U
106-44-5	4-Methylphenol	2600	U
621-64-7	N-Nitroso-di-n-propylamine	2600	U
67-72-1	Hexachloroethane	2600	U
98-95-3	Nitrobenzene	2600	U
78-59-1	Isophorone	2600	U
88-75-5	2-Nitrophenol	2600	U
105-67-9	2,4-Dimethylphenol	2600	U
111-91-1	bis(2-Chloroethoxy)methane	2600	U
120-83-2	2,4-Dichlorophenol	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U
91-20-3	Naphthalene	2400	J
106-47-8	4-Chloroaniline	5100	U
87-68-3	Hexachlorobutadiene	2600	U
59-50-7	4-Chloro-3-methylphenol	5100	U
91-57-6	2-Methylnaphthalene	580	J
77-47-4	Hexachlorocyclopentadiene	2600	U
88-06-2	2,4,6-Trichlorophenol	2600	U
95-95-4	2,4,5-Trichlorophenol	2600	U
91-58-7	2-Chloronaphthalene	2600	U
88-74-4	2-Nitroaniline	12000	U
131-11-3	Dimethylphthalate	2600	U
208-96-8	Acenaphthylene	1700	J
606-20-2	2,6-Dinitrotoluene	2600	U
99-09-2	3-Nitroaniline	12000	U
83-32-9	Acenaphthene	2600	U

AR302600

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

DS209

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521332

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 6.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	12000	U
100-02-7	4-Nitrophenol	12000	U
132-64-9	Dibenzofuran	1000	J
121-14-2	2,4-Dinitrotoluene	2600	U
84-66-2	Diethylphthalate	2600	U
7005-72-3	4-Chlorophenyl-phenylether	2600	U
86-73-7	Fluorene	1600	J
100-01-6	4-Nitroaniline	12000	U
534-52-1	4,6-Dinitro-2-methylphenol	12000	U
86-30-6	N-Nitrosodiphenylamine (1)	2600	U
101-55-3	4-Bromophenyl-phenylether	2600	U
118-74-1	Hexachlorobenzene	2600	U
87-86-5	Pentachlorophenol	12000	U
85-01-8	Phenanthrene	9000	
120-12-7	Anthracene	2600	
84-74-2	Di-n-butylphthalate	2600	U
206-44-0	Fluoranthene	12000	
129-00-0	Pyrene	9500	
85-68-7	Butylbenzylphthalate	2600	U
91-94-1	3,3'-Dichlorobenzidine	5100	U
56-55-3	Benzo(a)anthracene	5300	
218-01-9	Chrysene	4800	
117-81-7	bis(2-Ethylhexyl)phthalate	2600	U
117-84-0	Di-n-octylphthalate	2600	U
205-99-2	Benzo(b)fluoranthene	4400	
207-08-9	Benzo(k)fluoranthene	4000	
50-32-8	Benzo(a)pyrene	4700	
193-39-5	Indeno(1,2,3-cd)pyrene	2600	
53-70-3	Dibenz(a,h)anthracene	1400	J
191-24-2	Benzo(g,h,i)perylene	2500	J
100-51-6	Benzyl Alcohol	5100	U
65-85-0	Benzoic Acid	12000	U

AR302601

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DS209

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521332

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 6.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

DS3

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521323

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5281408.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 52 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-Chloroisopropyl)ether)	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	250	J
106-47-8	4-Chloroaniline	4100	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	4100	U
91-57-6	2-Methylnaphthalene	2000	U
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	1300	J
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	10000	U
83-32-9	Acenaphthene	2000	U

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

DS3

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521323

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5281408.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 52 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	10000	U
100-02-7	4-Nitrophenol	10000	U
132-64-9	Dibenzofuran	270	J
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	740	J
100-01-6	4-Nitroaniline	10000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	5800	
120-12-7	Anthracene	2400	
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	10000	
129-00-0	Pyrene	8000	
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	4100	U
56-55-3	Benzo(a)anthracene	4300	
218-01-9	Chrysene	3900	
117-81-7	bis(2-Ethylhexyl)phthalate	2000	U
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	3200	
207-08-9	Benzo(k)fluoranthene	3700	
50-32-8	Benzo(a)pyrene	4000	
193-39-5	Indeno(1,2,3-cd)pyrene	2000	J
53-70-3	Dibenz(a,h)anthracene	890	J
191-24-2	Benzo(g,h,i)perylene	2000	J
100-51-6	Benzyl Alcohol	4100	U
65-85-0	Benzoic Acid	10000	U

AR302604

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

DS3

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521323

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5281408.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 52 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AR302605

1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA07

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521307

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524807.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)ether	12000	U
95-57-8	2-Chlorophenol	12000	U
541-73-1	1,3-Dichlorobenzene	12000	U
106-46-7	1,4-Dichlorobenzene	12000	U
95-50-1	1,2-Dichlorobenzene	12000	U
95-48-7	2-Methylphenol	12000	U
108-60-1	bis(2-Chloroisopropyl)ether)	12000	U
106-44-5	4-Methylphenol	12000	U
621-64-7	N-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
120-82-1	1,2,4-Trichlorobenzene	12000	U
91-20-3	Naphthalene	16000	
106-47-8	4-Chloroaniline	23000	U
87-68-3	Hexachlorobutadiene	12000	U
59-50-7	4-Chloro-3-methylphenol	23000	U
91-57-6	2-Methylnaphthalene	4500	J
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
95-95-4	2,4,5-Trichlorophenol	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	56000	U
131-11-3	Dimethylphthalate	12000	U
208-96-8	Acenaphthylene	8300	J
606-20-2	2,6-Dinitrotoluene	12000	U
99-09-2	3-Nitroaniline	56000	U
83-32-9	Acenaphthene	12000	U

AR302606

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA07

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521307

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524807.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	56000	U
100-02-7	4-Nitrophenol	56000	U
132-64-9	Dibenzofuran	10000	J
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
86-73-7	Fluorene	15000	
100-01-6	4-Nitroaniline	56000	U
534-52-1	4,6-Dinitro-2-methylphenol	56000	
86-30-6	N-Nitrosodiphenylamine (1)	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
87-86-5	Pentachlorophenol	56000	U
85-01-8	Phenanthrene	62000	
120-12-7	Anthracene	15000	
84-74-2	Di-n-butylphthalate	12000	U
206-44-0	Fluoranthene	52000	
129-00-0	Pyrene	34000	
85-68-7	Butylbenzylphthalate	12000	U
91-94-1	3,3'-Dichlorobenzidine	23000	U
56-55-3	Benzo(a)anthracene	19000	
218-01-9	Chrysene	17000	
117-81-7	bis(2-Ethylhexyl)phthalate	12000	U
117-84-0	Di-n-octylphthalate	12000	U
205-99-2	Benzo(b)fluoranthene	15000	
207-08-9	Benzo(k)fluoranthene	14000	
50-32-8	Benzo(a)pyrene	16000	
193-39-5	Indeno(1,2,3-cd)pyrene	9200	J
53-70-3	Dibenz(a,h)anthracene	4400	J
191-24-2	Benzo(g,h,i)perylene	8200	J
100-51-6	Benzyl Alcohol	23000	U
65-85-0	Benzoic Acid	56000	U

AR302607

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA07

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521307

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524807.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA080

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521334

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

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
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
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	55	J
106-47-8	4-Chloroaniline	850	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-methylphenol	850	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	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE N

LA080

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521334

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	85	J
120-12-7	Anthracene	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)anthracene	54	J
218-01-9	Chrysene	48	J
117-81-7	bis(2-Ethylhexyl)phthalate	590	
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	68	J
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	61	J
100-51-6	Benzyl Alcohol	850	U
65-85-0	Benzoic Acid	2100	U

AR302610

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA080

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521334

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	(
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA17

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521309

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5221413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	bis(2-Chloroisopropyl)ether)	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	1400	J
106-47-8	4-Chloroaniline	4000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-57-6	2-Methylnaphthalene	370	J
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	9700	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	1300	J
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	9700	U
83-32-9	Acenaphthene	280	J

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA17

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521309

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5221413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9700	U
100-02-7	4-Nitrophenol	9700	U
132-64-9	Dibenzofuran	900	J
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	1300	J
100-01-6	4-Nitroaniline	9700	U
534-52-1	4,6-Dinitro-2-methylphenol	9700	
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	9700	U
85-01-8	Phenanthrene	7300	
120-12-7	Anthracene	1900	J
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	8000	
129-00-0	Pyrene	6400	
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)anthracene	3400	
218-01-9	Chrysene	3200	
117-81-7	bis(2-Ethylhexyl)phthalate	2000	U
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	3200	
207-08-9	Benzo(k)fluoranthene	3400	
50-32-8	Benzo(a)pyrene	3700	
193-39-5	Indeno(1,2,3-cd)pyrene	1700	J
53-70-3	Dibenz(a,h)anthracene	800	J
191-24-2	Benzo(g,h,i)perylene	1600	J
100-51-6	Benzyl Alcohol	4000	U
65-85-0	Benzoic Acid	9700	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA17

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521309

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5221413.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

LA22

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521316

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231415.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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	[illegible]
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
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	340	J
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	800	U
91-57-6	2-Methylnaphthalene	73	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	690	
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	360	J

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA22

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521316

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231415.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	630	
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	800	
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	1700	
120-12-7	Anthracene	610	
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	1100	
129-00-0	Pyrene	960	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	310	J
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	650	
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	160	J
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	200	J
193-39-5	Indeno(1,2,3-cd)pyrene	100	J
53-70-3	Dibenz(a,h)anthracene	48	J
191-24-2	Benzo(g,h,i)perylene	94	J
100-51-6	Benzyl Alcohol	800	U
65-85-0	Benzoic Acid	1900	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA22

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521316

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5231415.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA25

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521312

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	20000	U
111-44-4	bis(2-Chloroethyl)ether	20000	U
95-57-8	2-Chlorophenol	20000	U
541-73-1	1,3-Dichlorobenzene	20000	U
106-46-7	1,4-Dichlorobenzene	20000	U
95-50-1	1,2-Dichlorobenzene	20000	U
95-48-7	2-Methylphenol	20000	U
108-60-1	bis(2-Chloroisopropyl)ether)	20000	U
106-44-5	4-Methylphenol	20000	U
621-64-7	N-Nitroso-di-n-propylamine	20000	U
67-72-1	Hexachloroethane	20000	U
98-95-3	Nitrobenzene	20000	U
78-59-1	Isophorone	20000	U
88-75-5	2-Nitrophenol	20000	U
105-67-9	2,4-Dimethylphenol	20000	U
111-91-1	bis(2-Chloroethoxy)methane	20000	U
120-83-2	2,4-Dichlorophenol	20000	U
120-82-1	1,2,4-Trichlorobenzene	20000	U
91-20-3	Naphthalene	4400	J
106-47-8	4-Chloroaniline	39000	U
87-68-3	Hexachlorobutadiene	20000	U
59-50-7	4-Chloro-3-methylphenol	39000	U
91-57-6	2-Methylnaphthalene	20000	U
77-47-4	Hexachlorocyclopentadiene	20000	U
88-06-2	2,4,6-Trichlorophenol	20000	U
95-95-4	2,4,5-Trichlorophenol	20000	U
91-58-7	2-Chloronaphthalene	20000	U
88-74-4	2-Nitroaniline	95000	U
131-11-3	Dimethylphthalate	20000	U
208-96-8	Acenaphthylene	16000	J
606-20-2	2,6-Dinitrotoluene	20000	U
99-09-2	3-Nitroaniline	95000	U
83-32-9	Acenaphthene	20000	U

AR302618

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA25

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521312

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	95000	U
100-02-7	4-Nitrophenol	95000	U
132-64-9	Dibenzofuran	11000	J
121-14-2	2,4-Dinitrotoluene	20000	U
84-66-2	Diethylphthalate	20000	U
7005-72-3	4-Chlorophenyl-phenylether	20000	U
86-73-7	Fluorene	16000	J
100-01-6	4-Nitroaniline	95000	U
534-52-1	4,6-Dinitro-2-methylphenol	95000	U
86-30-6	N-Nitrosodiphenylamine (1)	20000	U
101-55-3	4-Bromophenyl-phenylether	20000	U
118-74-1	Hexachlorobenzene	20000	U
87-86-5	Pentachlorophenol	95000	U
85-01-8	Phenanthrene	96000	
120-12-7	Anthracene	28000	
84-74-2	Di-n-butylphthalate	20000	U
206-44-0	Fluoranthene	120000	
129-00-0	Pyrene	94000	
85-68-7	Butylbenzylphthalate	20000	U
91-94-1	3,3'-Dichlorobenzidine	39000	U
56-55-3	Benzo(a)anthracene	62000	
218-01-9	Chrysene	51000	
117-81-7	bis(2-Ethylhexyl)phthalate	20000	U
117-84-0	Di-n-octylphthalate	20000	U
205-99-2	Benzo(b)fluoranthene	40000	
207-08-9	Benzo(k)fluoranthene	46000	
50-32-8	Benzo(a)pyrene	46000	
193-39-5	Indeno(1,2,3-cd)pyrene	28000	
53-70-3	Dibenz(a,h)anthracene	14000	J
191-24-2	Benzo(g,h,i)perylene	19000	J
100-51-6	Benzyl Alcohol	39000	U
65-85-0	Benzoic Acid	95000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA25

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521312

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMP:

LA270

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521314

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 38 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	UG/KG	Q
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	bis(2-Chloroisopropyl)ether)	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	6800	J
106-47-8	4-Chloroaniline	21000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	21000	U
91-57-6	2-Methylnaphthalene	3100	J
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	52000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	9100	J
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	52000	U
83-32-9	Acenaphthene	11000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE N

LA270

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521314

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 38 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	52000	U
100-02-7	4-Nitrophenol	52000	U
132-64-9	Dibenzofuran	10000	J
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	14000	
100-01-6	4-Nitroaniline	52000	U
534-52-1	4,6-Dinitro-2-methylphenol	52000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	52000	U
85-01-8	Phenanthrene	74000	
120-12-7	Anthracene	15000	
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	62000	
129-00-0	Pyrene	47000	
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	21000	U
56-55-3	Benzo(a)anthracene	22000	
218-01-9	Chrysene	21000	
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo(b)fluoranthene	17000	
207-08-9	Benzo(k)fluoranthene	19000	
50-32-8	Benzo(a)pyrene	20000	
193-39-5	Indeno(1,2,3-cd)pyrene	12000	
53-70-3	Dibenz(a,h)anthracene	5700	J
191-24-2	Benzo(g,h,i)perylene	11000	
100-51-6	Benzyl Alcohol	21000	U
65-85-0	Benzoic Acid	52000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA270

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521314

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5281406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 38 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA400

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521317

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524815.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4500000	U
111-44-4	bis(2-Chloroethyl)ether	4500000	U
95-57-8	2-Chlorophenol	4500000	U
541-73-1	1,3-Dichlorobenzene	4500000	U
106-46-7	1,4-Dichlorobenzene	4500000	U
95-50-1	1,2-Dichlorobenzene	4500000	U
95-48-7	2-Methylphenol	4500000	U
108-60-1	bis(2-Chloroisopropyl)ether)	4500000	U
106-44-5	4-Methylphenol	4500000	U
621-64-7	N-Nitroso-di-n-propylamine	4500000	U
67-72-1	Hexachloroethane	4500000	U
98-95-3	Nitrobenzene	4500000	U
78-59-1	Isophorone	4500000	U
88-75-5	2-Nitrophenol	4500000	U
105-67-9	2,4-Dimethylphenol	4500000	U
111-91-1	bis(2-Chloroethoxy)methane	4500000	U
120-83-2	2,4-Dichlorophenol	4500000	U
120-82-1	1,2,4-Trichlorobenzene	4500000	U
91-20-3	Naphthalene	35000000	
106-47-8	4-Chloroaniline	9000000	U
87-68-3	Hexachlorobutadiene	4500000	U
59-50-7	4-Chloro-3-methylphenol	9000000	U
91-57-6	2-Methylnaphthalene	5200000	
77-47-4	Hexachlorocyclopentadiene	4500000	U
88-06-2	2,4,6-Trichlorophenol	4500000	U
95-95-4	2,4,5-Trichlorophenol	4500000	U
91-58-7	2-Chloronaphthalene	4500000	U
88-74-4	2-Nitroaniline	22000000	U
131-11-3	Dimethylphthalate	4500000	U
208-96-8	Acenaphthylene	5200000	
606-20-2	2,6-Dinitrotoluene	4500000	U
99-09-2	3-Nitroaniline	22000000	U
83-32-9	Acenaphthene	4500000	U

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE
LA400

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521317

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524815.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	22000000	U
100-02-7	4-Nitrophenol	22000000	U
132-64-9	Dibenzofuran	4400000	J
121-14-2	2,4-Dinitrotoluene	4500000	U
84-66-2	Diethylphthalate	4500000	U
7005-72-3	4-Chlorophenyl-phenylether	4500000	U
86-73-7	Fluorene	5600000	
100-01-6	4-Nitroaniline	22000000	U
534-52-1	4,6-Dinitro-2-methylphenol	22000000	U
86-30-6	N-Nitrosodiphenylamine (1)	4500000	U
101-55-3	4-Bromophenyl-phenylether	4500000	U
118-74-1	Hexachlorobenzene	4500000	U
87-86-5	Pentachlorophenol	22000000	U
85-01-8	Phenanthrene	17000000	
120-12-7	Anthracene	5700000	
84-74-2	Di-n-butylphthalate	4500000	U
206-44-0	Fluoranthene	12000000	
129-00-0	Pyrene	7700000	
85-68-7	Butylbenzylphthalate	4500000	U
91-94-1	3,3'-Dichlorobenzidine	9000000	U
56-55-3	Benzo(a)anthracene	4100000	J
218-01-9	Chrysene	3400000	J
117-81-7	bis(2-Ethylhexyl)phthalate	4500000	U
117-84-0	Di-n-octylphthalate	4500000	U
205-99-2	Benzo(b)fluoranthene	2700000	J
207-08-9	Benzo(k)fluoranthene	3100000	J
50-32-8	Benzo(a)pyrene	3400000	J
193-39-5	Indeno(1,2,3-cd)pyrene	1600000	J
53-70-3	Dibenz(a,h)anthracene	750000	J
191-24-2	Benzo(g,h,i)perylene	1500000	J
100-51-6	Benzyl Alcohol	9000000	U
65-85-0	Benzoic Acid	22000000	U

AR302625

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA400

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521317

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524815.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 27 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

LA42

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521313

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0524811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	44000	U
111-44-4	bis(2-Chloroethyl)ether	44000	U
95-57-8	2-Chlorophenol	44000	U
541-73-1	1,3-Dichlorobenzene	44000	U
106-46-7	1,4-Dichlorobenzene	44000	U
95-50-1	1,2-Dichlorobenzene	44000	U
95-48-7	2-Methylphenol	44000	U
108-60-1	bis(2-Chloroisopropyl)ether)	44000	
106-44-5	4-Methylphenol	44000	
621-64-7	N-Nitroso-di-n-propylamine	44000	U
67-72-1	Hexachloroethane	44000	U
98-95-3	Nitrobenzene	44000	U
78-59-1	Isophorone	44000	U
88-75-5	2-Nitrophenol	44000	U
105-67-9	2,4-Dimethylphenol	44000	U
111-91-1	bis(2-Chloroethoxy)methane	44000	U
120-83-2	2,4-Dichlorophenol	44000	U
120-82-1	1,2,4-Trichlorobenzene	44000	U
91-20-3	Naphthalene	16000	J
106-47-8	4-Chloroaniline	87000	U
87-68-3	Hexachlorobutadiene	44000	U
59-50-7	4-Chloro-3-methylphenol	87000	U
91-57-6	2-Methylnaphthalene	7300	J
77-47-4	Hexachlorocyclopentadiene	44000	U
88-06-2	2,4,6-Trichlorophenol	44000	U
95-95-4	2,4,5-Trichlorophenol	44000	U
91-58-7	2-Chloronaphthalene	44000	U
88-74-4	2-Nitroaniline	210000	U
131-11-3	Dimethylphthalate	44000	U
208-96-8	Acenaphthylene	35000	J
606-20-2	2,6-Dinitrotoluene	44000	U
99-09-2	3-Nitroaniline	210000	U
83-32-9	Acenaphthene	3100	J

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1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA42

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521313

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0524811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	210000	U
100-02-7	4-Nitrophenol	210000	U
132-64-9	Dibenzofuran	27000	J
121-14-2	2,4-Dinitrotoluene	44000	U
84-66-2	Diethylphthalate	44000	U
7005-72-3	4-Chlorophenyl-phenylether	44000	U
86-73-7	Fluorene	40000	J
100-01-6	4-Nitroaniline	210000	U
534-52-1	4,6-Dinitro-2-methylphenol	210000	U
86-30-6	N-Nitrosodiphenylamine (1)	44000	U
101-55-3	4-Bromophenyl-phenylether	44000	U
118-74-1	Hexachlorobenzene	44000	U
87-86-5	Pentachlorophenol	210000	U
85-01-8	Phenanthrene	230000	
120-12-7	Anthracene	65000	
84-74-2	Di-n-butylphthalate	44000	U
206-44-0	Fluoranthene	260000	
129-00-0	Pyrene	200000	
85-68-7	Butylbenzylphthalate	44000	U
91-94-1	3,3'-Dichlorobenzidine	87000	U
56-55-3	Benzo(a)anthracene	130000	
218-01-9	Chrysene	110000	
117-81-7	bis(2-Ethylhexyl)phthalate	44000	U
117-84-0	Di-n-octylphthalate	44000	U
205-99-2	Benzo(b)fluoranthene	110000	
207-08-9	Benzo(k)fluoranthene	93000	
50-32-8	Benzo(a)pyrene	110000	
193-39-5	Indeno(1,2,3-cd)pyrene	65000	
53-70-3	Dibenz(a,h)anthracene	34000	J
191-24-2	Benzo(g,h,i)perylene	58000	
100-51-6	Benzyl Alcohol	87000	U
65-85-0	Benzoic Acid	210000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA42

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521313

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 0524811.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 25 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/25/96

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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AR302629

1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA448

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521320

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528808.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3900	U
111-44-4	bis(2-Chloroethyl)ether	3900	U
95-57-8	2-Chlorophenol	3900	U
541-73-1	1,3-Dichlorobenzene	3900	U
106-46-7	1,4-Dichlorobenzene	3900	U
95-50-1	1,2-Dichlorobenzene	3900	U
95-48-7	2-Methylphenol	3900	U
108-60-1	bis(2-Chloroisopropyl)ether)	3900	U
106-44-5	4-Methylphenol	3900	U
621-64-7	N-Nitroso-di-n-propylamine	3900	U
67-72-1	Hexachloroethane	3900	U
98-95-3	Nitrobenzene	3900	U
78-59-1	Isophorone	3900	U
88-75-5	2-Nitrophenol	3900	U
105-67-9	2,4-Dimethylphenol	3900	U
111-91-1	bis(2-Chloroethoxy)methane	3900	U
120-83-2	2,4-Dichlorophenol	3900	U
120-82-1	1,2,4-Trichlorobenzene	3900	U
91-20-3	Naphthalene	5800	
106-47-8	4-Chloroaniline	7800	U
87-68-3	Hexachlorobutadiene	3900	U
59-50-7	4-Chloro-3-methylphenol	7800	U
91-57-6	2-Methylnaphthalene	1000	J
77-47-4	Hexachlorocyclopentadiene	3900	U
88-06-2	2,4,6-Trichlorophenol	3900	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	3900	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	3900	U
208-96-8	Acenaphthylene	870	J
606-20-2	2,6-Dinitrotoluene	3900	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	3900	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA448

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521320

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528808.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	1000	J
121-14-2	2,4-Dinitrotoluene	3900	U
84-66-2	Diethylphthalate	3900	U
7005-72-3	4-Chlorophenyl-phenylether	3900	U
86-73-7	Fluorene	950	J
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine (1)	3900	U
101-55-3	4-Bromophenyl-phenylether	3900	U
118-74-1	Hexachlorobenzene	3900	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	4200	
120-12-7	Anthracene	800	J
84-74-2	Di-n-butylphthalate	3900	U
206-44-0	Fluoranthene	3100	J
129-00-0	Pyrene	2000	J
85-68-7	Butylbenzylphthalate	3900	U
91-94-1	3,3'-Dichlorobenzidine	7800	U
56-55-3	Benzo(a)anthracene	1000	J
218-01-9	Chrysene	800	J
117-81-7	bis(2-Ethylhexyl)phthalate	930	J
117-84-0	Di-n-octylphthalate	3900	U
205-99-2	Benzo(b)fluoranthene	580	J
207-08-9	Benzo(k)fluoranthene	800	J
50-32-8	Benzo(a)pyrene	900	J
193-39-5	Indeno(1,2,3-cd)pyrene	420	J
53-70-3	Dibenz(a,h)anthracene	3900	U
191-24-2	Benzo(g,h,i)perylene	920	J
100-51-6	Benzyl Alcohol	7800	U
65-85-0	Benzoic Acid	19000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA448

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521320

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528808.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPI

LA754

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521315

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5281402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4200	
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	340	J
108-60-1	bis(2-Chloroisopropyl)ether)	1600	U
106-44-5	4-Methylphenol	1900	
621-64-7	N-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	10000	
106-47-8	4-Chloroaniline	3200	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	3200	U
91-57-6	2-Methylnaphthalene	810	J
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	7800	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	350	J
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	7800	U
83-32-9	Acenaphthene	1600	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA754

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521315

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5281402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	7800	U
100-02-7	4-Nitrophenol	7800	U
132-64-9	Dibenzofuran	680	J
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	250	J
100-01-6	4-Nitroaniline	7800	U
534-52-1	4,6-Dinitro-2-methylphenol	7800	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	7800	U
85-01-8	Phenanthrene	450	J
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	3200	U
56-55-3	Benzo(a)anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	580	J
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	1600	U
207-08-9	Benzo(k)fluoranthene	1600	U
50-32-8	Benzo(a)pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U
53-70-3	Dibenz(a,h)anthracene	1600	U
191-24-2	Benzo(g,h,i)perylene	1600	U
100-51-6	Benzyl Alcohol	3200	U
65-85-0	Benzoic Acid	7800	U

AR302634

1F
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA754

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521315

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5281402.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/96

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA77

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521318

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	800	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	800	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	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL:

LA77

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521318

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	
534-52-1	4,6-Dinitro-2-methylphenol	1900	
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	470	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	800	U
65-85-0	Benzoic Acid	1900	U

AR302637

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA77

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521318

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211414.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

LA80

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521324

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

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
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)ether)	410	
106-44-5	4-Methylphenol	410	
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
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	130	J
106-47-8	4-Chloroaniline	820	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	820	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	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	38	J
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U

AR302639

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA80

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521324

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	86	J
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	82	J
129-00-0	Pyrene	62	J
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	400	J
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	820	U
65-85-0	Benzoic Acid	2000	U

AR302640

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA80

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521324

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522810.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	C
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA83

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521322

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	830	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	830	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	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

LA83

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521322

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	130	J
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	830	U
65-85-0	Benzoic Acid	2000	U

AR302643

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA83

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521322

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231403.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPI

LA96

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521328

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524806.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	850000	U
111-44-4	bis(2-Chloroethyl)ether	850000	U
95-57-8	2-Chlorophenol	850000	U
541-73-1	1,3-Dichlorobenzene	850000	U
106-46-7	1,4-Dichlorobenzene	850000	U
95-50-1	1,2-Dichlorobenzene	850000	U
95-48-7	2-Methylphenol	850000	U
108-60-1	bis(2-Chloroisopropyl)ether)	850000	U
106-44-5	4-Methylphenol	850000	U
621-64-7	N-Nitroso-di-n-propylamine	850000	U
67-72-1	Hexachloroethane	850000	U
98-95-3	Nitrobenzene	850000	U
78-59-1	Isophorone	850000	U
88-75-5	2-Nitrophenol	850000	U
105-67-9	2,4-Dimethylphenol	850000	U
111-91-1	bis(2-Chloroethoxy)methane	850000	U
120-83-2	2,4-Dichlorophenol	850000	U
120-82-1	1,2,4-Trichlorobenzene	850000	U
91-20-3	Naphthalene	6200000	
106-47-8	4-Chloroaniline	1700000	U
87-68-3	Hexachlorobutadiene	850000	U
59-50-7	4-Chloro-3-methylphenol	1700000	U
91-57-6	2-Methylnaphthalene	1300000	
77-47-4	Hexachlorocyclopentadiene	850000	U
88-06-2	2,4,6-Trichlorophenol	850000	U
95-95-4	2,4,5-Trichlorophenol	850000	U
91-58-7	2-Chloronaphthalene	850000	U
88-74-4	2-Nitroaniline	4100000	U
131-11-3	Dimethylphthalate	850000	U
208-96-8	Acenaphthylene	1400000	
606-20-2	2,6-Dinitrotoluene	850000	U
99-09-2	3-Nitroaniline	4100000	U
83-32-9	Acenaphthene	850000	U

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1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA96

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521328

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524806.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 2000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	UG/KG	Q
51-28-5	2,4-Dinitrophenol	4100000	U
100-02-7	4-Nitrophenol	4100000	U
132-64-9	Dibenzofuran	1200000	
121-14-2	2,4-Dinitrotoluene	850000	U
84-66-2	Diethylphthalate	850000	U
7005-72-3	4-Chlorophenyl-phenylether	850000	U
86-73-7	Fluorene	1400000	
100-01-6	4-Nitroaniline	4100000	U
534-52-1	4,6-Dinitro-2-methylphenol	4100000	U
86-30-6	N-Nitrosodiphenylamine (1)	850000	U
101-55-3	4-Bromophenyl-phenylether	850000	U
118-74-1	Hexachlorobenzene	850000	U
87-86-5	Pentachlorophenol	4100000	U
85-01-8	Phenanthrene	4100000	
120-12-7	Anthracene	1500000	
84-74-2	Di-n-butylphthalate	850000	U
206-44-0	Fluoranthene	2800000	
129-00-0	Pyrene	1800000	
85-68-7	Butylbenzylphthalate	850000	U
91-94-1	3,3'-Dichlorobenzidine	1700000	U
56-55-3	Benzo(a)anthracene	1100000	
218-01-9	Chrysene	880000	
117-81-7	bis(2-Ethylhexyl)phthalate	850000	U
117-84-0	Di-n-octylphthalate	850000	U
205-99-2	Benzo(b)fluoranthene	690000	J
207-08-9	Benzo(k)fluoranthene	730000	J
50-32-8	Benzo(a)pyrene	860000	
193-39-5	Indeno(1,2,3-cd)pyrene	410000	J
53-70-3	Dibenz(a,h)anthracene	210000	J
191-24-2	Benzo(g,h,i)perylene	380000	J
100-51-6	Benzyl Alcohol	1700000	U
65-85-0	Benzoic Acid	4100000	U

AR302646

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

LA96

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521328

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0524806.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

LA99

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521321

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

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
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
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	66	J
106-47-8	4-Chloroaniline	810	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	810	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	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	150	J
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	410	U

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPI

LA99

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521321

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	78	J
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	150	J
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	890	
120-12-7	Anthracene	220	J
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1000	
129-00-0	Pyrene	780	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	510	
218-01-9	Chrysene	390	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	380	J
207-08-9	Benzo(k)fluoranthene	410	
50-32-8	Benzo(a)pyrene	410	
193-39-5	Indeno(1,2,3-cd)pyrene	190	J
53-70-3	Dibenz(a,h)anthracene	100	J
191-24-2	Benzo(g,h,i)perylene	130	J
100-51-6	Benzyl Alcohol	810	U
65-85-0	Benzoic Acid	2000	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

LA99

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521321

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0522809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 19 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/23/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

SA01

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521308

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211412.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	770	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	770	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	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U

AR302651

1C

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

SA01

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521308

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211412.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	770	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	810	
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	770	U
65-85-0	Benzoic Acid	1900	U

AR302652

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

SA01

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521308

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5211412.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

SA0203

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521333

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethyl)ether	2100	U
95-57-8	2-Chlorophenol	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
95-48-7	2-Methylphenol	2100	U
108-60-1	bis(2-Chloroisopropyl)ether)	2100	U
106-44-5	4-Methylphenol	2100	U
621-64-7	N-Nitroso-di-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy)methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U
91-20-3	Naphthalene	1000	J
106-47-8	4-Chloroaniline	4300	U
87-68-3	Hexachlorobutadiene	2100	U
59-50-7	4-Chloro-3-methylphenol	4300	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	2100	U
88-06-2	2,4,6-Trichlorophenol	2100	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethylphthalate	2100	U
208-96-8	Acenaphthylene	1200	J
606-20-2	2,6-Dinitrotoluene	2100	U
99-09-2	3-Nitroaniline	10000	U
83-32-9	Acenaphthene	800	J

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPI

SA0203

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521333

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	10000	U
100-02-7	4-Nitrophenol	10000	U
132-64-9	Dibenzofuran	890	J
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
7005-72-3	4-Chlorophenyl-phenylether	2100	U
86-73-7	Fluorene	1200	J
100-01-6	4-Nitroaniline	10000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
86-30-6	N-Nitrosodiphenylamine (1)	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	5800	
120-12-7	Anthracene	1700	J
84-74-2	Di-n-butylphthalate	3800	B
206-44-0	Fluoranthene	8900	
129-00-0	Pyrene	7000	
85-68-7	Butylbenzylphthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	4300	U
56-55-3	Benzo(a)anthracene	4800	
218-01-9	Chrysene	4000	
117-81-7	bis(2-Ethylhexyl)phthalate	2100	U
117-84-0	Di-n-octylphthalate	2100	U
205-99-2	Benzo(b)fluoranthene	3200	
207-08-9	Benzo(k)fluoranthene	4200	
50-32-8	Benzo(a)pyrene	4100	
193-39-5	Indeno(1,2,3-cd)pyrene	2400	
53-70-3	Dibenz(a,h)anthracene	1200	J
191-24-2	Benzo(g,h,i)perylene	2100	J
100-51-6	Benzyl Alcohol	4300	U
65-85-0	Benzoic Acid	10000	U

AR302655

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SA0203

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521333

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0528809.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 24 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/29/96

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMP

SA300

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521326

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	800	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	800	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	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U

AR302657

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

SA300

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521326

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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	240	J
117-84-0	Di-n-octylphthalate	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
100-51-6	Benzyl Alcohol	800	U
65-85-0	Benzoic Acid	1900	U

AR302658

1F

SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE :

SA300

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521326

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231405.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

SA322

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521325

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231404.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	800	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	800	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	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	100	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U

AR302660

1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

SA322

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521325

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231404.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
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	47	J
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	370	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	540	
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	240	J
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	230	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	220	J
207-08-9	Benzo(k)fluoranthene	250	J
50-32-8	Benzo(a)pyrene	250	J
193-39-5	Indeno(1,2,3-cd)pyrene	150	J
53-70-3	Dibenz(a,h)anthracene	70	J
191-24-2	Benzo(g,h,i)perylene	150	J
100-51-6	Benzyl Alcohol	800	U
65-85-0	Benzoic Acid	1900	U

AR302661

1F
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SA322

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521325

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 5231404.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 18 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPL

SC02

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521331

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	180	J
106-47-8	4-Chloroaniline	850	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	850	U
91-57-6	2-Methylnaphthalene	49	J
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	48	J
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	86	J

AR302663

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SC02

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521331

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	98	J
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	100	J
100-01-6	4-Nitroaniline	2100	U
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	320	J
120-12-7	Anthracene	80	J
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	410	J
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)anthracene	160	J
218-01-9	Chrysene	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	460	
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	120	J
193-39-5	Indeno(1,2,3-cd)pyrene	76	J
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	78	J
100-51-6	Benzyl Alcohol	850	U
65-85-0	Benzoic Acid	2100	U

AR302664

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE

SC02

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: 960521331

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 5231406.D

Level: (low/med) LOW Date Received: 05/09/96

% Moisture: 23 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/24/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO

SVB390

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB390

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211406.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

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
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
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	660	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	660	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	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

SVB390

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB390

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211406.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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-octylphthalate	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
100-51-6	Benzyl Alcohol	660	U
65-85-0	Benzoic Acid	1600	U

AR302667

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SVB390

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB390

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 5211406.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/15/96

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N CONCENTRATION UNITS:
Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE

SVB392

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0522802.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

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
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	[illegible]
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
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	660	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	660	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	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U

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1C
SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SVB392

Lab Name: INDUSTRIAL & ENVIRONMENTA

Lab Code: IEA Case No.: 2182-004 Method: 8270 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0522802.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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	2400	
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-octylphthalate	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
100-51-6	Benzyl Alcohol	660	U
65-85-0	Benzoic Acid	1600	U

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SW-846 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE N

SVB392

Lab Name: INDUSTRIAL & ENVIRONMENTA Method: 8270

Lab Code: IEA Case No.: 2182-004 SDG No.: 05213

Matrix: (soil/water) SOIL Lab Sample ID: SVB392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0522802.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/16/96

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/22/96

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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