

ALCO
HAZMAT

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Dennis Bates
associates
INCORPORATED

ALCO
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94 FEB 15 PM

February 10, 1994

Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 350
Oakland, CA 94621
Attn: Ms. Jennifer Eberle

Re: Oakland Auto Parts & Tires

Dear Ms. Eberle:

Enclosed are:

1. Summary Table of Soil Analytical Data ✓
2. Re-drafted Plates 2, 2A, and 3 ✓ *see 9-20-93 DBA report*
3. Monitoring well Logs - Annotated to show groundwater ✓
4. Results of the 2/10/93 soil samples have been shown on Table 1A, page 5, of the "Report of Groundwater Monitoring Well Installation" dated 20 September 1993. ✓


John H. Sammons
Dennis Bates Associates, Inc.

cc: Monterey
File

Environmental Consulting ■ Hazardous Materials Management
494 Alvarado St. Suite B ■ Monterey, CA 93940 ■ 408 646 0668 ■ FAX 408 646 8036
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how about water results?

ppm

SUMMARY TABLE

OAKLAND AUTO PARTS, 706 HARRISON STREET, OAKLAND, CA

ANALYTICAL RESULTS FOR SOILS

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (TRPH/TOG)

TOTAL LEAD

ORGANIC LEAD

TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (TPHg)

BENZENE, TOLUENE, ETHYL BENZENE, XYLENES (BTEX)

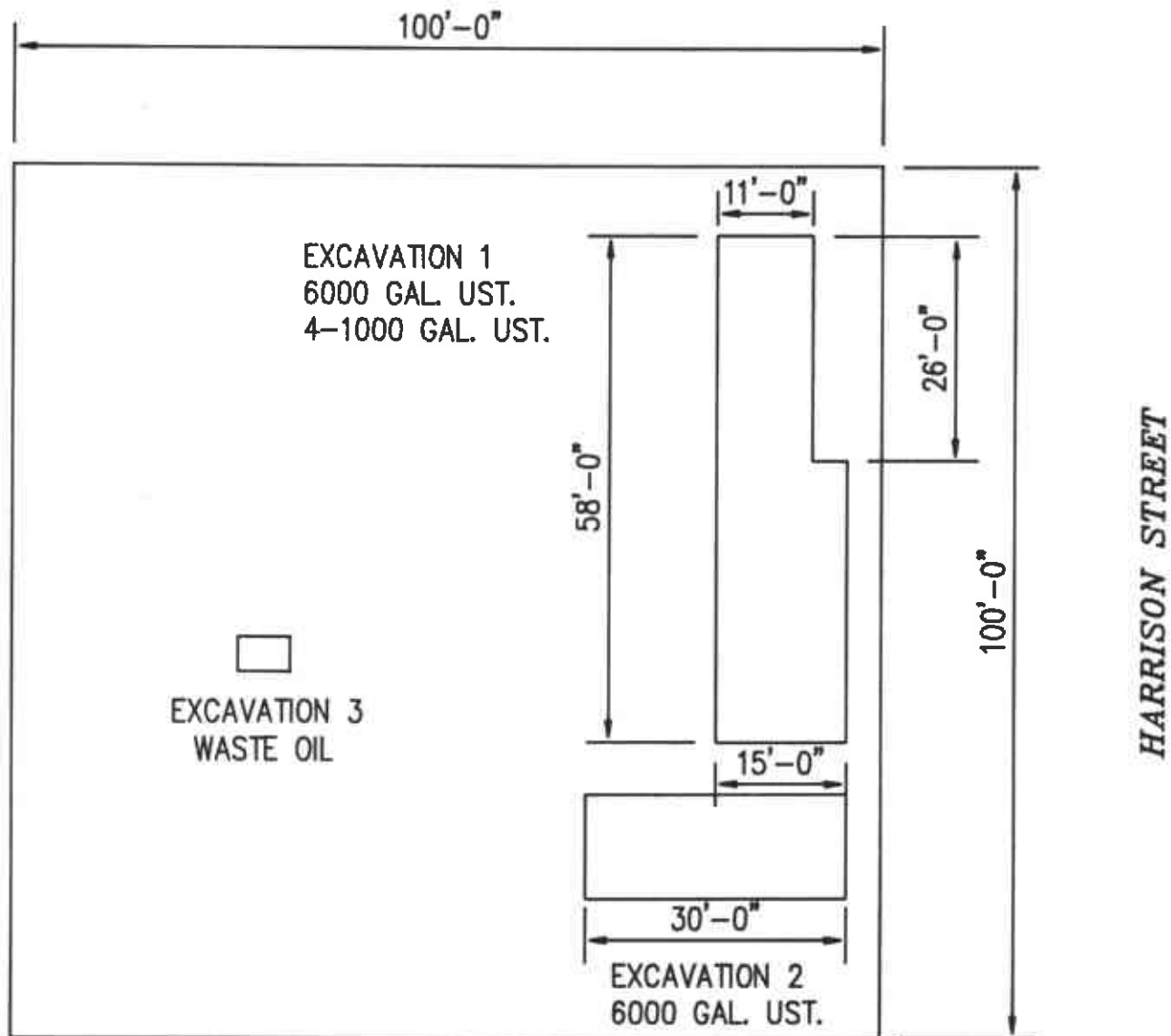
SAMPLE ID	DATE	LOCATION	DEPTH BIS FEET	TYPE	TRPH TOG	Pb TOTAL	Pb ORGANIC	TPHg	B	T	EB	X
BH1-5	9/92	TANK PIT	11	GRAB	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
BH1-6	9/92	TANK PIT	12	GRAB	NA	NA	NA	1.9	.014	.017	14.15	15.14
BH1-10	9/92	TANK PIT	18	GRAB	NA	NA	NA	870	.43	15	19	120
BH1-3	9/92	TANK PIT	11	GRAB	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
18 FOOT	2/93	TANK PIT	18	GRAB	NA	NA	NA	4300	66	320	130	730
SW 10 FOOT	2/93	TANK PIT	10	GRAB	NA	NA	NA	ND	ND	ND	ND	ND
6K TANK	2/93	TANK PIT	12	GRAB	NA	NA	NA	.093	ND	ND	ND	ND
WD TANK	2/93	TANK PIT	8	GRAB	NA	NA	NA	ND	ND	ND	ND	ND
SP1	9/92	SPOILS PILE 1		COMP	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
SP2A	9/92	SPOILS PILE 2		COMP	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
SP2B	9/92	SPOILS PILE 2		COMP	NA	NA	NA	BDL	BDL	BDL	BDL	BDL
SP3	9/92	SPOILS PILE 3		COMP	300	NA	NA	BDL	BDL	BDL	BDL	BDL
SPA 1-5	8/93	SPOILS PILE		COMP	ND	8.9	NA	2.4	ND	ND	.0072	.11
SPB 1-5	8/93	SPOILS PILE		COMP	ND	18	NA	3.4	.0078	.0074	.044	.18
VW1-1/VW1-2	7/93	DELM		COMP	NA	15	ND	NA	NA	NA	NA	NA
VW2-1/VW2-2	7/93	DELM		COMP	NA	5.5	ND	NA	NA	NA	NA	NA
MW1	7/93	MW1	5	GRAB	NA	ND	NA	ND	ND	ND	ND	ND
MW1	7/93	MW1	10	GRAB	NA	ND	NA	ND	ND	ND	ND	ND
MW1	7/93	MW1	15	GRAB	NA	ND	NA	ND	ND	ND	ND	ND
MW1	7/93	MW1	20	GRAB	NA	ND	NA	ND	ND	ND	ND	ND
MW2	7/93	MW2	5	GRAB	NA	ND	NA	ND	ND	ND	ND	ND
MW2	7/93	MW2	10	GRAB	NA	ND	NA	ND	.059	.036	.0061	.031
MW2	7/93	MW2	15	GRAB	NA	ND	NA	ND	0.58	2.8	1.5	8.8
MW3	7/93	MW3	5	GRAB	ND	ND	NA	ND	ND	ND	ND	ND
MW3	7/93	MW3	10	GRAB	ND	ND	NA	ND	ND	ND	ND	ND
MW3	7/93	MW3	15	GRAB	ND	ND	NA	ND	ND	ND	ND	ND
MW3	7/93	MW3	20	GRAB	ND	ND	NA	ND	ND	ND	ND	ND
VW1	7/93	VW1	17	GRAB	NA	ND	NA	ND	18	40	13	88
VW2	7/93	VW1 VW2	17	GRAB	NA	ND	NA	ND	210	890	210	1200
PI-1	12-93	PUMP ISLAND	2.5	GRAB	NA	130	ND	NA	NA	NA	NA	NA
PI-2		PUMP ISLAND	1.5	GRAB	NA	46	ND	NA	NA	NA	NA	NA
PI-3		PUMP ISLAND	2	GRAB	NA	1100	17	NA	NA	NA	NA	NA

did not witness

BDL = BELOW METHOD DETECTION LIMITS
 ND = NOT DETECTED
 NA = NOT ANALYZED FOR

concs. remaining in place

SEVENTH STREET



TITLE: SITE PLAN - UST EXCAVATIONS
SITE: OAKLAND AUTO PARTS
ADDRESS: 706 HARRISON STREET, OAKLAND, CA.

SCALE: 1 INCH = 20 FEET
PROJECT # 1514N
DATE: 20 JANUARY 1994

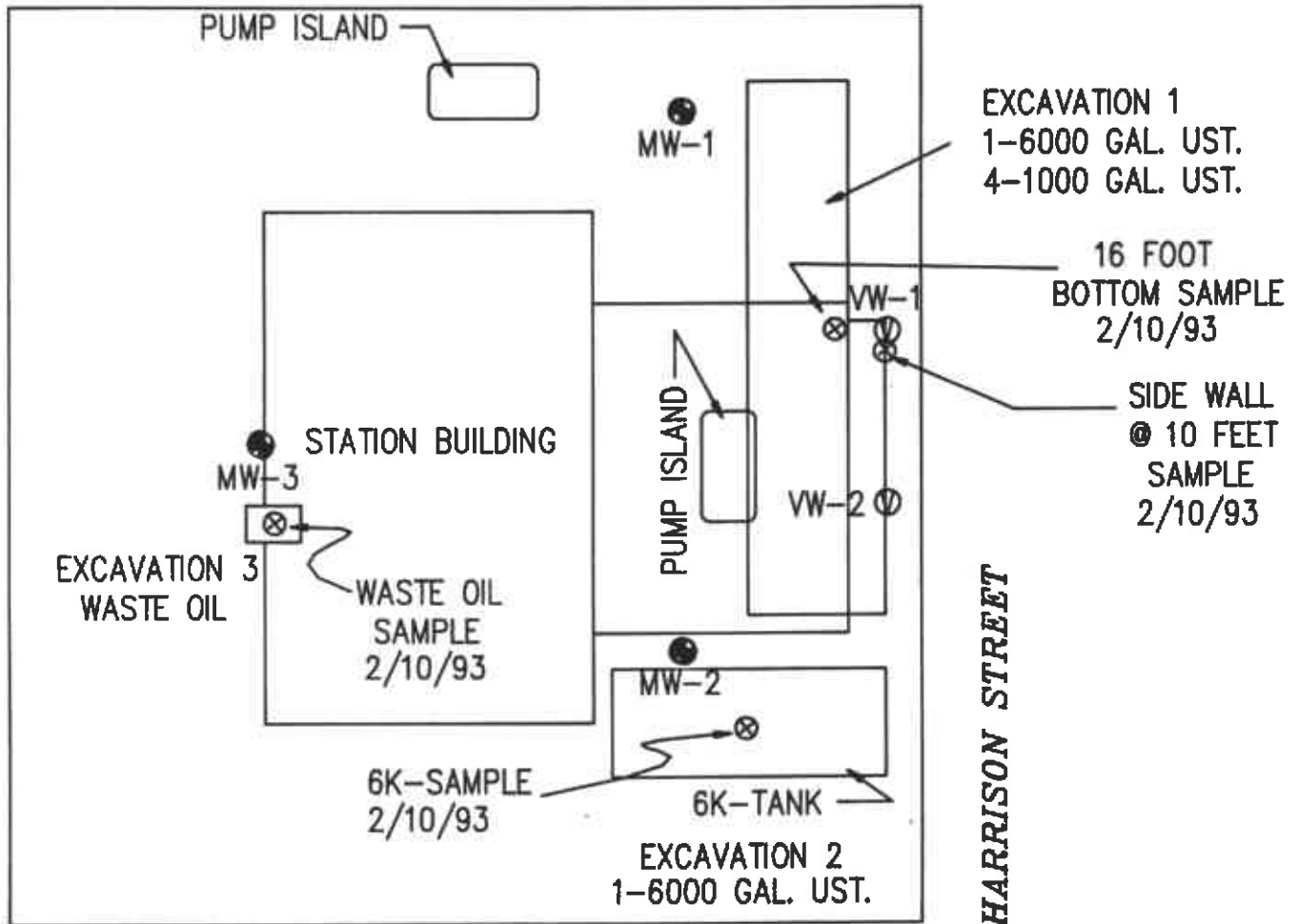
DENNIS BATES ASSOCIATES, INC.

494 Alvarado Street, Suite B Monterey, CA. 93940
1020 RAILROAD AVE. SUITE E, NOVATO, CA. 94945

PLATE:

2

SEVENTH STREET



TITLE: SITE PLAN - UST EXCAVATIONS/SAMPLE LOCATIONS
 SITE OAKLAND AUTO PARTS
 ADDRESS: 706 HARRISON STREET, OAKLAND, CA.

SCALE: 1 INCH = 20 FEET

PROJECT # 1514N

DATE: 20 JANUARY 1994

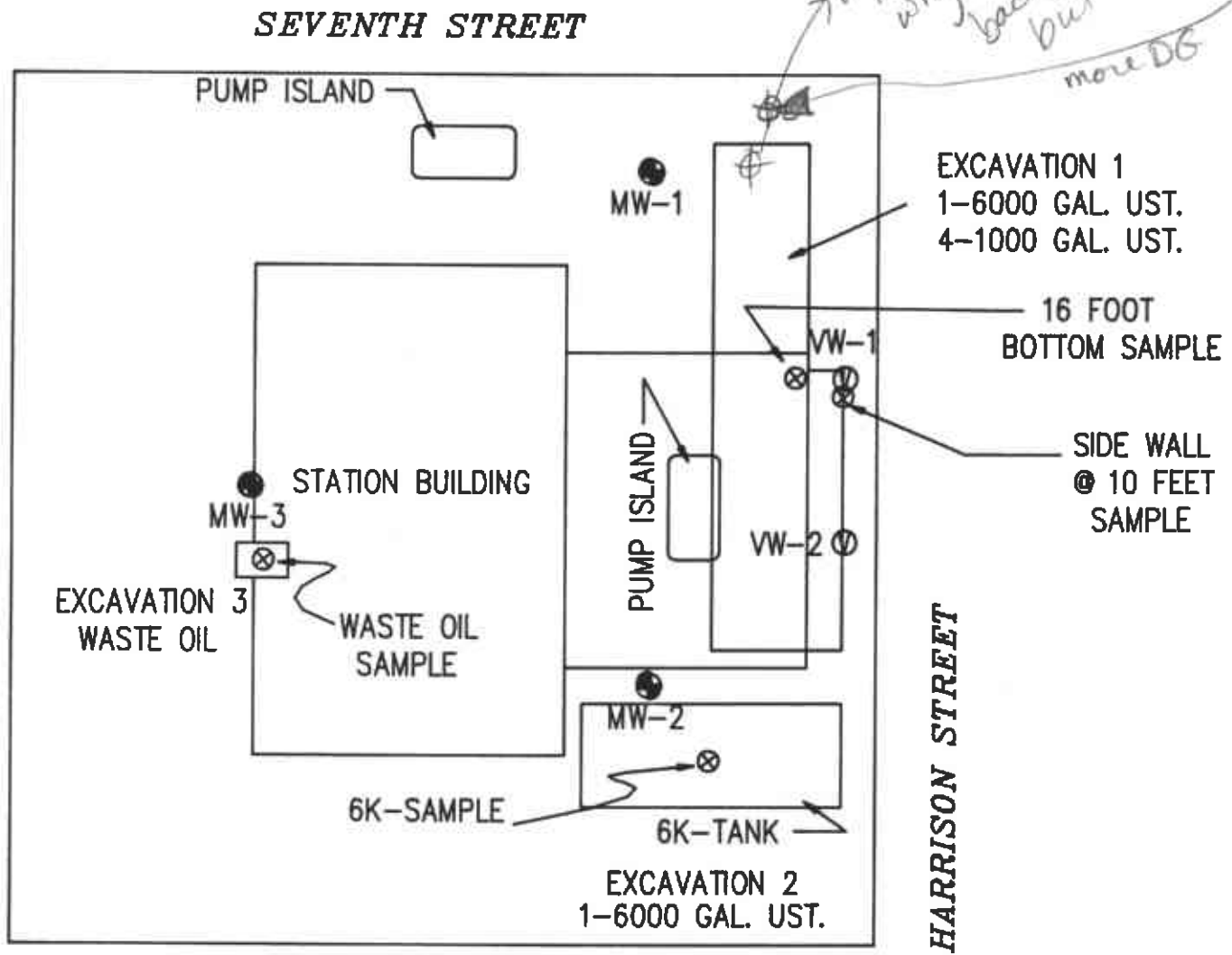
DENNIS BATES ASSOCIATES, INC.

494 Alvarado Street, Suite B Monterey, CA. 93940
 1020 RAILROAD AVE. SUITE E, NOVATO, CA. 94945

PLATE:

2A

wp said here why did they move it? backfill? ok - but why not take more DG.



TITLE: SITE PLAN - UST EXCAVATIONS/SAMPLE & WELL LOCATIONS
 SITE OAKLAND AUTO PARTS
 ADDRESS: 706 HARRISON STREET, OAKLAND, CA.

SCALE: 1 INCH = 20 FEET
 PROJECT # 1514N
 DATE: 20 JANUARY 1994

DENNIS BATES ASSOCIATES, INC.

494 Alvarado Street, Suite B Monterey, CA. 93940
 1020 RAILROAD AVE. SUITE E, NOVATO, CA. 94945

PLATE:

3

DENNIS BATES ASSOCIATES, INC.
 MONITORING WELL/SOIL BORING LOG
 [WELL CONSTRUCTION DETAILS]

PROJECT NAME: OAKLAND AUTO PARTS, 706 HARRISON STREET, OAKLAND
 PROJECT: ENV1514N
 BOREHOLE #: 1/ WELL ID: MW 1

LOGGED BY: GLEN WHITE

REVIEWED BY: WALTER HOWE, R.G.

DEPTH	SAMPLE	BLOWS	UC SO CD SE	DESCRIPTION	WELL CON ST	
-0-						
-2-						
-4-		6				
-	MW1/5	13	SM	SAND, SILTY, SLIGHTLY CLAYEY, GOLDISH BROWN, MOIST, FIRM, NO ODOR		
-6-		21				
-8-						
-		8				
-10-	MW1/10	10	SC	SAND, CLAYEY, SILTY, BLUE-GRAY, MOIST FIRM, HEAVY 'OLD' HYDROCARBON ODOR		
--		11				
-12-						
-		15				
-14-	MW1/15	25	SM	SAND, SILTY, OLIVE GREEN, MOIST, FIRM HEAVY HYDROCARBON ODOR		
-16-		27				
-						
-18-		15				
-		24	SM	SAND, SILTY, SLIGHTLY CLAYEY, OLIVE GREEN, MOIST, FIRM, SLIGHT ODOR		
-20-	MW1/20	32		SATURATED AT 22 FEET (+/-)		
-						
-24-			SM	SAND, SILTY - DARK BROWN - NO ODOR		
-						
-26-						
-						
-28-	-----EOB 28 FEET-----					
-						
-30-						
-						
-32-						
-						
-34-						
-						
-36-						
-						
-38-						
-						
-40-						
-						

DENNIS BATES ASSOCIATES, INC.
MONITORING WELL/SOIL BORING LOG
[WELL CONSTRUCTION DETAILS]

PROJECT NAME: OAKLAND AUTO PARTS, 706 HARRISON STREET, OAKLAND
DBA PROJECT: ENV1514N
BORING #: 4/ WELL ID: MW 2

LOGGED BY: GLEN WHITE

REVIEWED BY: WALTER HOWE, R.G.

D E P T H	S A M P L E	B L O W S	U C S O C D S E	DESCRIPTION	W E L L	C O N S T
-0-						
-2-						
-4-		9				
-6-	MW2/5	12	SM	SAND, SILTY, SLIGHTLY CLAYEY, GOLDISH BROWN, MOIST, FIRM, NO ODOR		
-8-						
-10-		11				
-12-	MW2/10	12	SM	SAND, SILTY, GOLDISH BROWN, MOIST, FIRM, NO ODOR		
-14-		12				
-16-		11				
-18-	MW2/15	14	SM	SAND, SILTY, GOLDISH BROWN, MOIST, FIRM, NO ODOR	■	■
-20-	▽	23				
-22-		9		SATURATED AT 19 FEET (+/-)		
-24-		10	SM	SAND, SILTY, BROWN, SOFT, WET MODERATE GASOLINE ODOR		
-26-		12		NO SAMPLE COLLECTED, BELOW WATER		
-28-		10				
-30-		22	SM	SAND, SILTY, BROWN, SOFT, WET SOME SHEEN ON SAMPLER, SLIGHT ODOR IN SOIL		
-32-		19				
-34-						
-36-						
-38-						
-40-						
-42-						

-----EOB 28 FEET-----

DENNIS BATES ASSOCIATES, INC.
 MONITORING WELL/SOIL BORING LOG
 [WELL CONSTRUCTION DETAILS]

PROJECT NAME: OAKLAND AUTO PARTS, 706 HARRISON STREET, OAKLAND
 BA PROJECT: ENV1514N
 BORING #: 5/ WELL ID: MW 3

LOGGED BY: GLEN WHITE

REVIEWED BY: WALTER HOWE, R.G.

DEPTH	SAMPLE	BLOW	UC SO CD SE	DESCRIPTION	WELL CON ST
-0-					
-2-					
-4-		7			
-6-	MW3/5	16	SM	SAND, SILTY, GOLDISH BROWN, MOIST, FIRM, NO ODOR	
-8-					
-10-		7			
-12-	MW3/10	11	SM	SAND, SILTY, GOLDISH BROWN, MOIST, HARD, NO ODOR	
-14-		14			
-16-		24			
-18-	MW3/15	30	SM	SAND, SILTY, GOLDISH BROWN, MOIST, HARD, NO ODOR	
-20-		44			
-22-		7			
-24-	MW3/20	16	SM	SAND, SILTY, BROWN, FIRM, MOIST, NO ODOR	
-26-		23		SATURATED AT 21 FEET (+/-) NO SAMPLE COLLECTED, BELOW WATER	
-28-		14			
-30-		22	SM	SAND, SILTY, BROWN WITH SOME RUST	
-32-		44		SOFT, WET, NO ODOR	
-34-				SOIL	
-36-					
-38-					
-40-					

Table 1

Analytical Results for Composite Soils

Total Recoverable Petroleum Hydrocarbons (TRPH)
 Total Lead (Pb)
 TPH as Gasoline (TPHg)
 Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX)

Date Sampled: 17 June 1993
 All Results Reported in PPM (mg/kg)

Sample	TRPH	Pb	TPHg	B	T	EB	X
SPA	ND	8.9	2.4	ND	ND	0.0072	0.11
SPB	ND	18	3.4	0.0078	0.0074	0.044	0.18

ND = Not Detected at the method reporting limit

Table 1A

Analytical Results Soil

TPH as Gasoline (TPHg)
 Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX)

Date Sampled: 10 February 1993
 All Results Reported in PPB (ug/kg)

Sample	TPHg	B	T	EB	X
16 Foot	4,300,000	66,000	320,000	130,000	730,000
SW 10 Foot	ND	ND	ND	ND	ND
6K Tank	93	ND	ND	ND	ND
WO Tank	ND	ND	ND	ND	ND

ND = Not Detected at the method reporting limit

5.6.2 BORING/WELL INSTALLATION

During the installation of the three groundwater monitoring wells and the two vapor extraction wells soil samples were collected at five-foot intervals unless otherwise described and analyzed for TPHg/BTEX and Total Lead. For soil samples collected during the installation of MW-3 an additional analysis for TRPH was done on each sample.

The results from these analyses can be found in Table 2, page 6. Copies of the laboratory results and chain-of-custody documents can be found in Appendix D.