Delta
Environmental Consultants, Inc.

Solving environment-related business problems worldwide

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Store # 255353 Date: 7-14-06
Unit # _____ Code: _____ Color
Description: _____

July 14, 2006

Mr. Kipp Eckert
ConocoPhillips
P.O. Box 923
Bothell, Washington 98041

SUBJ: Summary of Well Decommissioning Activities
ConocoPhillips Site No. 255353
600 Westlake Avenue North
Seattle, Washington

Dear Mr. Eckert:

At the request of ConocoPhillips Company (ConocoPhillips or COP), Delta Environmental Consultants (Delta) performed well decommissioning activities in the vicinity of the above-referenced site (Figure 1). Wells were decommissioned on the City of Seattle right-of-way (ROW) in conjunction with the Westlake/Mercer Cleanup Project and the South Lake Union (SLU) Streetcar Project.

SCOPE OF WORK

A total of 22 monitoring wells were decommissioned in the City ROW surrounding the COP station property in accordance with applicable Washington State regulations (WAC 173-160-460) and documented by a field geologist. The decommissioned wells included 12 wells located within Westlake Avenue North (MW-8, MW-14 through MW-17, MW-27, MW-42, MW-70, MW-84, MW-98, MW-99, and MW-105), one well located in the sidewalk east of Westlake Avenue North (MW-205), one well located within in Valley Street (MW-204), five wells located north of Valley Street on City park property (MW-75, MW-77, MW-78, MW-79, and MW-900), and three wells located within Terry Avenue North (MW-36, MW-47, and MW-101). The well decommissioning locations are shown on Figure 2.

Six additional wells located within the western side of Westlake Avenue North are also planned for decommissioning. These wells include MW-43, MW-44, MW-61, MW-62, MW-63, and MW-64, which will be used for monitoring dewatering conditions during a proposed remedial excavation to be performed in Westlake Avenue North later this year. The wells will be decommissioned in accordance with Washington State regulations following the excavation activities.

PRE-FIELD ACTIVITIES

Prior to decommissioning, Delta prepared a site-specific Health and Safety Plan in accordance with state and federal requirements for use during the field activities. Additionally, Delta confirmed with Seattle Department of Transportation (SDOT) that the wells in the City ROW could be accessed under existing ROW Permit No. 28928. Delta subcontracted a traffic control service to provide safe access during field activities in the streets. Notifications regarding the field activities were made in advance to the City of Seattle as stipulated in the ROW permit. Communications were also established with SLU Streetcar Project personnel Mike Tihista, Bob Clements, and John Boknecht to give notification of the well decommissioning activities and discuss project coordination issues. Delta will continue communications with SLU Streetcar Project personnel to coordinate future well decommissioning activities following remedial excavation activities later this year.

WELL DECOMMISSIONING ACTIVITIES

On June 12 and 13, 2006, Delta directed Cascade Drilling, Inc. (Cascade) of Woodinville, Washington, to perform well decommissioning activities at the site. In accordance with the Washington State code for decommissioning resource protection wells (WAC 173-160-460), the wells were decommissioned either by removing the well casing and backfilling the hole with bentonite chips, or by leaving the well casing in place and backfilling the casing with bentonite chips. Wells for which drilling or construction logs could not be located were required to be decommissioned by removing the well casing. The wells that were decommissioned by this method included Wells MW-14 through MW-17 and MW-27 (believed to have been installed around 1980) and the well identified as MW-900 (identification based on markings observed in the field). All other wells were decommissioned by backfilling the well casing in place.

For the six wells that required casing removal, the well monument was removed and a hollow stem auger was used to drill around the well to facilitate removal of the casing. Each hole was filled with bentonite chips to approximately five feet below surface grade, as the casing was withdrawn, and then sealed to surface grade with concrete. The down-hole drilling equipment was steam cleaned prior to and between each well location to prevent cross-contamination.

For the sixteen wells that did not require removal of the well casing, the well monument and well casing were left in place and the casing was filled with bentonite chips to approximately one foot below surface grade, then sealed to the top with concrete. The well monuments were also sealed by filling with concrete. Well decommissioning details were noted during field activities on the original boring logs for these wells, which are included in Appendix A.

WASTE DISPOSAL

Soil cuttings generated during decommissioning activities and rinseate from cleaning of equipment was placed in Department of Transportation (DOT)-approved 55-gallon drums. The drums were sealed and labeled in accordance with the appropriate protocols and each drum was identified on a waste inventory manifest. The drums were temporarily stored on the ConocoPhillips station property, pending transport and disposal by a ConocoPhillips-approved waste management contractor. On June 19, 2006, the soil cuttings were transported to Waste Management's Graham Road Recycling and Disposal Facility located in Spokane, Washington, and rinseate was transported to Emerald Recycling located in Seattle, Washington. The non-hazardous waste manifests are included in Appendix B.

LIMITATIONS

The findings contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

Delta appreciates the opportunity to provide environmental services for ConocoPhillips Company. Please call (425) 498-7718 if you have any questions regarding the contents of this report.

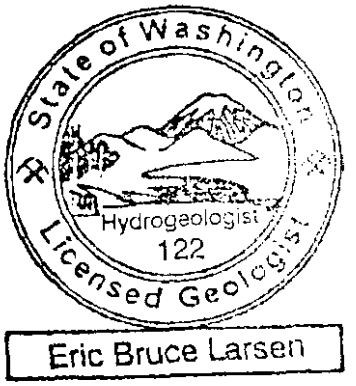
Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Tena Seeds

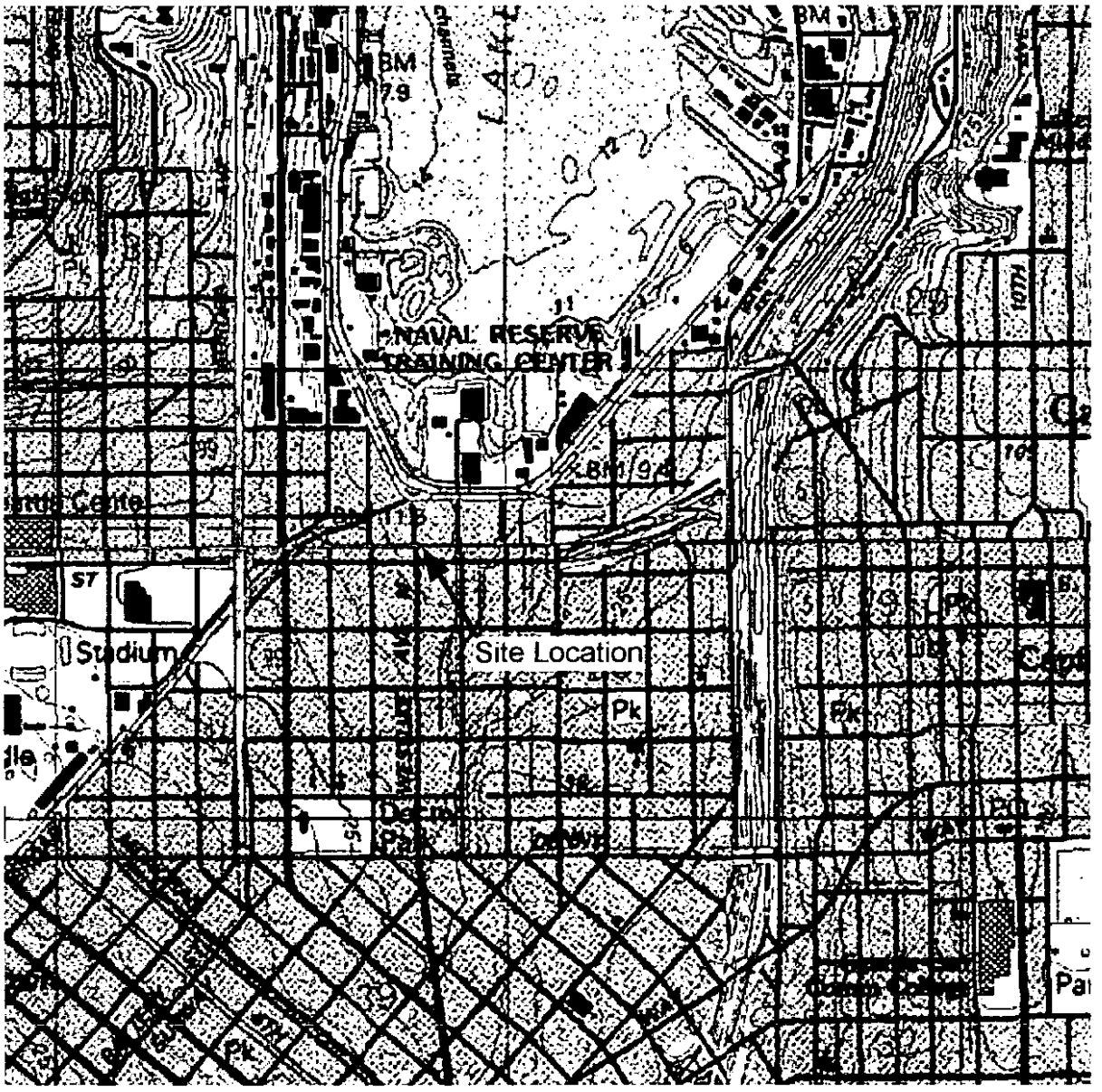
Tena Seeds
Project Engineer

Eric Larsen, L.H.G.
Senior Project Manager



Enc: Figure 1 – Site Location Map
Figure 2 – Site Map with Well Decommissioning Locations
Appendix A – Original Well Logs with Decommissioning Field Notes
Appendix B – Non-Hazardous Waste Manifests

cc: Washington State Department of Ecology – Northwest Regional Office, Bellevue, WA
Mr. Ethan Melone, Seattle Dept. of Transportation, PO Box 34996, Seattle, WA 98124-4996
Mr. Mike Tihista c/o SOJ, 700 – 5th Ave., Ste. 2475, Seattle, WA 98104
Mr. John Boknecht, Stacy and Witbeck, Inc., 330 Fairview Ave. N., Seattle, WA 98109



REFERENCES

USGS 7.5 Minute Topographic Map
Name: Seattle South
Year Created: 1983

SCALE: 1: 12,000

North

FIGURE 1

SITE LOCATION MAP

CONOCOPHILLIPS SITE NO. 255353
600 WESTLAKE AVENUE NORTH
SEATTLE, WASHINGTON

PROJECT NO. WA255-3523-1	DRAWN BY TS 7/5/06
FILE NO. WA255-3523-1	PREPARED BY TS 7/14/06
REVISION NO. 0	REVIEWED BY EL

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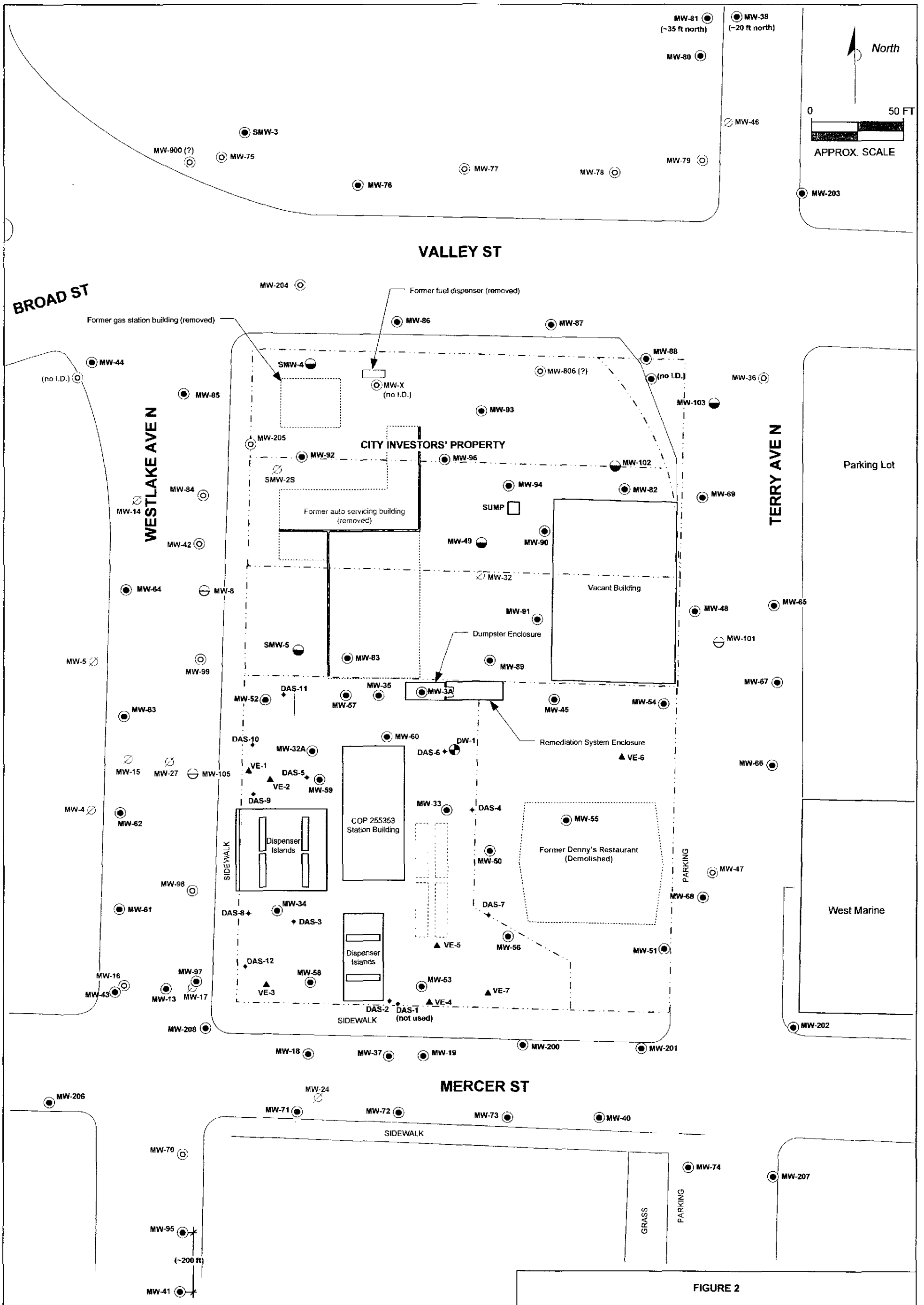

LEGEND

- MW-37 ◉ COP GROUNDWATER MONITORING WELL
- MW-105 ◒ CITY INVESTORS' GROUNDWATER MONITORING WELL
- DW-1 ◔ DEEP WELL (INSTALLED DECEMBER 2005)
- MW-17 ∅ ABANDONED OR DAMAGED WELL
- VE-6 ▲ SOIL VAPOR EXTRACTION WELL LOCATION
- DAS-4 ♦ AIR SPARGING WELL LOCATION
- ◎ ∅ ⊖ DECOMMISSIONED WELLS JUNE 12 AND 13, 2006

FIGURE 2

SITE MAP WITH WELL DECOMMISSIONING LOCATIONS

CONOCOPHILLIPS SITE NO. 255353
600 WESTLAKE AVENUE NORTH
SEATTLE, WASHINGTON

PROJECT NO. WA255-3523-1	DRAWN BY TS 3/21/06
FILE NO. WA255-3523-1	PREPARED BY AF 7/14/06
REVISION NO. 0	REVIEWED BY EL

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APPENDIX A

ORIGINAL WELL LOGS WITH DECOMMISSIONING FIELD NOTES

Boring Log B8/Monitoring Well MW8

URBAN REDEVELOPMENT, LLC

Project Site: Lot 14 & City ROWs
Project Name: Foster Pepper
Project Manager: John Funderburk
Total Depth: 16 Feet
Water Table Depth: 12 Feet

Date: 10-14-04
Location: Lot 14
Drilling Company: ESN
Method Used: AMS Power Probe 10"
Boring No.: B8/MW8

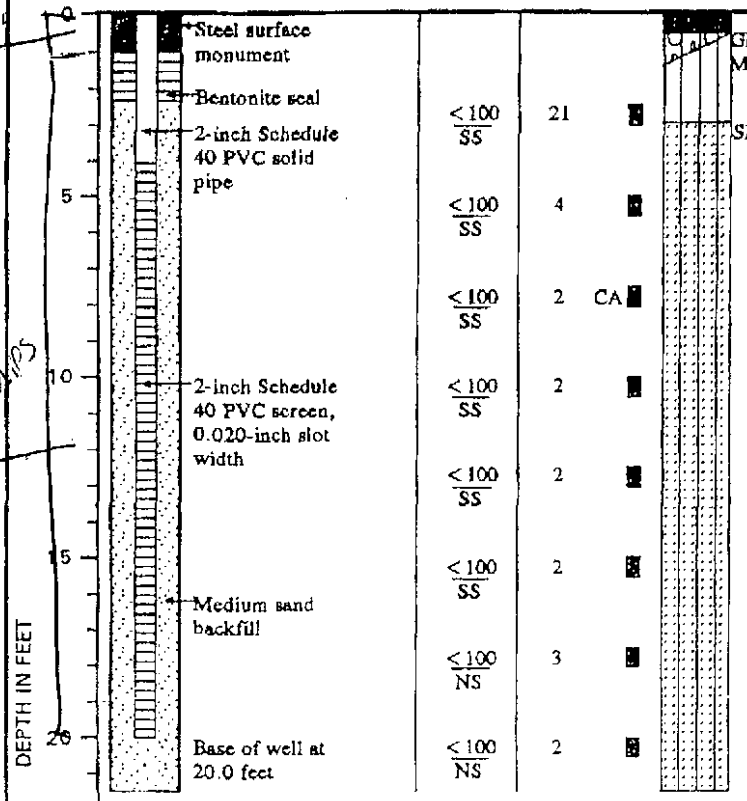
Sample Number	Sample Interval	Field Screening Results in ppm	Depth in Feet	Soil Identification and Remarks (include color, composition, moisture, and visual and olfactory observations of contamination)	Well Installation
					MW8
			0	Asphalt Concrete	Lock
			1	Brown silty sand, some gravel. Dry	
		No Odor	2	Gray silt. Dry.	
			3		
			4		
			5	Occasional wood debris.	
			6		
			7		
			8		
			9		Bent.
10		Strong Odor 2000 10-11 FT.	10	Gray silty medium sand. Dry.	
11			11		
			12 ▼	Apparent sheen on GW sample. Hit wood. Some refusal. Moist.	
12.5 13			13		
		Low Odor	14	Wood debris. Moist.	
			15		
			16		
				Bottom of Boring 16 Ft.	
			17		
			18		
			19		
			20		

▼ Water Table

MONITORING WELL NO. MW-36

WELL SCHEMATIC

Casing Elevation (ft.): 17.80
Casing Stickup (ft.): -0.24



Vapor Conc.(ppm) / Sheen	Blow Count	Samples	Group Symbol	DESCRIPTION (Surface Elevation (ft.): 18.04)
			GM	6 inches asphalt concrete
			ML	Brown silty fine gravel with sand (loose, moist)
				Brown fine sandy silt (very stiff, moist)
<100 / SS	21			
			SM	Tan silty fine sand (medium dense, moist)
<100 / SS	4			
<100 / SS	2	CA		
				▽Water level at 9.58 feet on 11/05/91
<100 / SS	2			
				Grades to black, occasional nails
<100 / SS	2			
<100 / SS	2			
<100 / NS	3			
<100 / NS	2			
				Boring completed at 21.5 feet on 10/23/91

Ecology

Note: See Figure A-2 for explanation of symbols

Geo Engineers

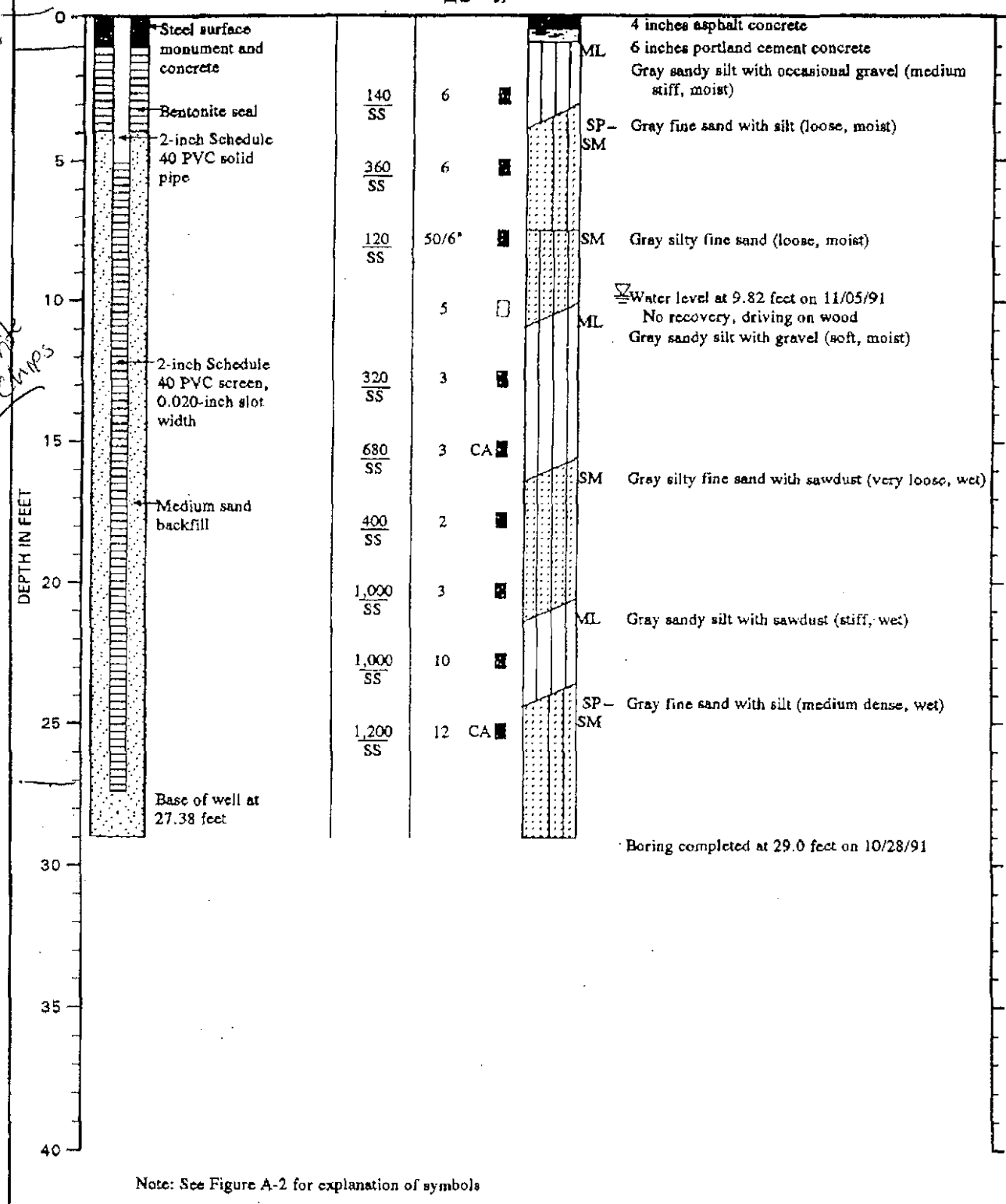
LOG OF MONITORING WELL

FIGURE A-7

:WAP:LJB:DAC:CBK:CMS 6/24/92

0161-013-R69

MONITORING WELL NO. MW-42



Note: See Figure A-2 for explanation of symbols

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LOG OF MONITORING WELL

FIGURE A-13

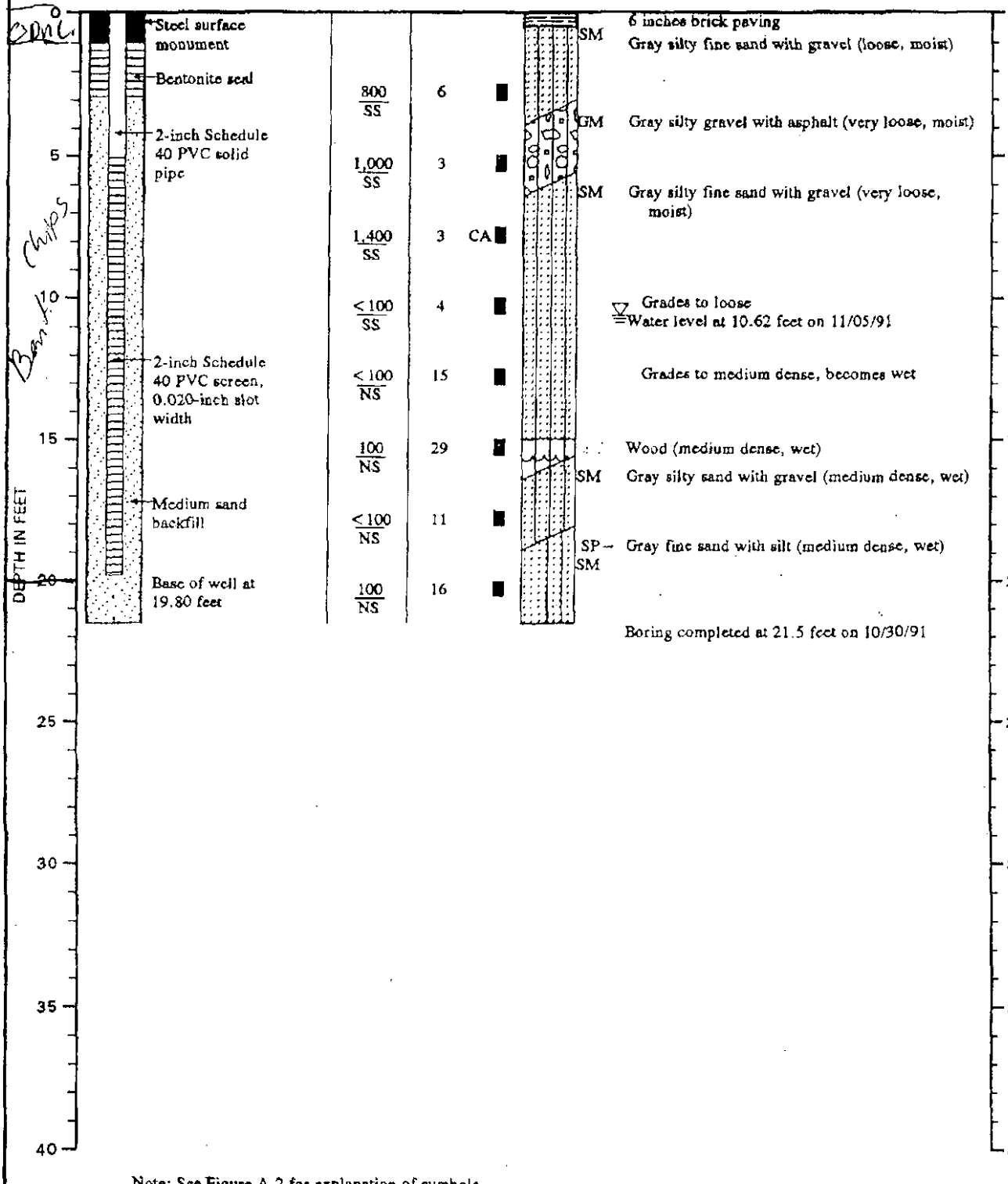
:WAP:t-JB:DAC:CBK:CMS 6/24/92

0161-013-R69

MONITORING WELL NO. MW-47

WELL SCHEMATIC

Casing Elevation (ft.): 19.83
Casing Stickup (ft.): -0.21



Note: See Figure A-2 for explanation of symbols

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LOG OF MONITORING WELL

FIGURE A-18

:WAP:LJB:DAC:CBK:CMS 6/24/92

0161-013-R69

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PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-70
LOGGED BY:	B. Pletcher	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/11/2005		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		

Location Map: See Figure 2

ELEVATION	NORTHING	EASTING
31.14	231395.4	1269300.3

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bent.					0				Asphalt/Concrete (18")
					1				
					2				Air-knifed/vac-cleared to 5'
					3				(Silty sand fill, light brown, with round cobbles)
					4				
		Moist			5			SP	SAND; greenish gray, fine to very fine, angular, trace silt
		Moist	11.7	4 6 9	6				
					7				(As above, few round 1" gravel)
		Moist	10.1	4 6 5	8				
					9				(As above, grades to light brown)
		Moist	30.8	3 2 2	10			Wood	Wood debris, with coarse sand
		Wet	625	1 2 2	11				Wood debris
		Wet	684	3 2 2	12				
		Moist	179	3 3 3	13			ML	Clayey SILT; green
					14			Wood	Wood debris
		Damp	10.4	1 2 3	15				
		Sat	21.2	1 2 2	16			SM	Silty SAND; gray, medium to fine, angular, with wood debris
		Sat	39.3	5 4 3	17				
		Sat	20.7	3 1 3	18			SP	SAND; medium to fine, trace silt, wood debris
					19				
					20				**BOTTOM OF HOLE @ 20'**
					21				
					22				

SAND

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-75
LOGGED BY:	B. Pletcher	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/13/2005	Location Map	
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"	See Figure 2	
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		
ELEVATION	28.11	NORTHING	231943.9	EASTING	1269319.9

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Conc. / Bent. / SAND	▽				1				Grass
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
				3	5				(No recovery)
				3	6			Fill	
		Moist		3					(Fill material: gravel and brick with gray silt and fine sand)
			2.3	5	7				
				5					
				8					
		Moist		4	8				(As above)
			1.6	2					
				2	9			PT	PEAT
		Sat		2					
			1.4	2	10			SM	Silty SAND; gray, fine, few pebbles
				2					
		Sat		2	11				
			1.2	1					(As above)
				1	12				
		Sat		1					
			1.1	1	13				(As above)
				1					
		Sat		1	14				
			1.0	1					(As above)
				1	15				
		Sat		2					
			1.1	1	16				(As above, with less silt, more sand)
				1					
		Sat		2	17				
				1					Silty SAND; gray, coarse to fine angular sand, with
				2	18				rounded pebbles and wood debris
		Sat		3					
				3	19				
				2					
					20				(As above)
					21				**BOTTOM OF HOLE @ 20'**
					22				

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-77
LOGGED BY:	M. Smith/L. Brock	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/13/2005		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		

Location Map: See Figure 2

ELEVATION	NORTHING	EASTING
26.53	231937.2	1269453.9

Depth (feet)	Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
0	Conc. / Bent.								Grass
1									
2									Air-knifed/vac-cleared to 5'
3									
4									
5					12			SP	SAND; brown, fine to medium
6				0	18				
7					15				(As above, with pebbles, some clay)
8				0	12				
9					12				
10			Moist		2			SM	Silty SAND; brown, fine, moist
11				0	3				(As above, grades gray)
12			Moist		3			SP	SAND; gray, fine, some clay, moist
13				0	1				
14			Wet		1				(As above)
15				0	1				(As above, with medium sand)
16					3				
17			Wet		1				(As above)
18				0	1				
19					2				
20					3				(As above, increasing clay, some wood fragments)
21				0	3				
22					4				
					1				(As above)
				0	1				
					1				
					3				(As above)
				0	6				
					6				
					6				
				0	6				
					7				(As above, sand more consolidated)
									BOTTOM OF HOLE @ 20'

SAND

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-78
LOGGED BY:	M. Smith/L. Brock	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/13/2005	Location Map	
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		See Figure 2
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		

ELEVATION	NORTHING	EASTING
26.45	231935.1	1269537.3

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Conc. / Bent.					0				Grass
					1				
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
				5	5			SP-SC	SAND; light gray to tan, fine, stiff, some clay
			0.0	5	6				
				6					
				5	7			SP-SM	SAND; light gray to tan, fine, some silt, some organic material
			0.0	5					
				5	8				(As above)
				9					
	▽	Wet	0.0	9	9				
				11					
				3	10				(As above)
		Wet	0.0	3					
				3	11				(As above, grades to gray sand)
				1					SAND; gray, fine, with silt
		Sat	0.0	2	12				
				2					
				3	13				
			0.0	6					
				6	14				(As above, grades dark gray to black sand)
				4					(As above, grades tan to gray with some medium sand and pebbles)
			0.0	4	15				
				4					
				4	16				(As above)
			0.0	6					
				13	17				(As above, with some clay and wood fragments)
				4					
			0.0	4	18				
				3					
				10	19				(As above, with pebbles)
			0.0	14					
				16	20				
					21				**BOTTOM OF HOLE @ 20'**
					22				

SAND

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-79
LOGGED BY:	M. Smith/L. Brock	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/14/2005		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		

Location Map

See Figure 2

ELEVATION	NORTHING	EASTING
26.80	231942.0	1269585.5

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bent. / Conc					1				Grass
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
				10	5			SP	SAND; fine to medium, with Gravel
			0.4	12	6				
				23					
				23	7				(As above, grades fine gravel)
			0.4	26					
				22	8				
		Moist		17				SW	SAND and GRAVEL; fine to medium sand
			0.3	19	9				
		Moist		26					
		Wet		23	10				(As above, salt & pepper)
	▽		*	16					
		Wet		18	11				
SAND		Sat		17					(As above, saturated)
				30	12				
				32					(As above)
				72/6"	13				
					14				
				65/6"					
					15				SAND and GRAVEL; fine gravel
				37					
				50/6"	16				(As above, increasing clay)
					17			SC	Clayey SAND with Gravel
				9					
				30	18				
				26					(As above)
					19				
					20				
					21				**BOTTOM OF HOLE @ 20'**
					22				*PID malfunctioned 10' to 20'

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-84
LOGGED BY:	K.Johnson/B.Hogenson	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	Cascade Drilling, Inc.	DATE DRILLED:	10/17/2005		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	10-20	CASING STICKUP:	0		

Location Map: See Figure 2

ELEVATION	NORTHING	EASTING
28.51	231756.8	1269309.9

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bent. Grout / Conc.					1				Asphalt/Concrete (12")
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
				2	5			ML	Sandy Clayey SILT; grey mottled with some brown, soft
		Damp	13.6	2 3	6				
	▽		19.6	2 3 3	7				
		Damp	17.8	2 2 3	8			SM	Silty SAND; gray, medium, firm, some 1"-2" rounded gravel
		Moist	11.1	2 2 2	9				
SAND			11.5	1 2	10				
		Moist		2	11				
			10.3	2 3	12			ML	Sandy SILT; gray, some 1/2" pebbles, firm
		Moist		4	13				Clayey SILT; gray, some sand, firm
			9.4	3 5	14				
		Moist		7	15				(As above, with wood chips)
	▽			8	16			GP	Sandy GRAVEL; 1"-2" gravel, medium sand, some silt
		Sat	9.5	9 11	17				
			8.0	7 9 10	18				
				7	19				
			7.5	14 20	20				
					21				**BOTTOM OF HOLE @ 20'**
					22				

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-98
LOGGED BY:	K. Johnson	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/19/2005		
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	10-20	CASING STICKUP:	0		

Location Map

See Figure 2

ELEVATION	NORTHING	EASTING
30.47	231539.7	1269304.9

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Bent. Chip					0				Asphalt/Concrete (~10")
					1				Air-knifed/vac-cleared to 5'
					2				
					3				
					4				
		Dry-		10	5			SP	SAND; gray, fine, some silt, some gravels to 1.5",
		Damp	8	14	6				firm, dry to damp
				15					
				17	7				
			41	10					
				14	8				
		Damp		8					(As above, no gravel)
			29	13	9				
				13					
				8	10				
		Moist	581	6					(As above, moist)
				10	11				
				2					
		Sat	489	2	12				(As above, saturated)
				3					
				3	13				
			495	4					(As above)
				7	14				
				4					
			30	5	15				(As above)
				5					
				4	16				
		Moist	<20	8				CL	Gravelly CLAY; gray, firm, moist
				8	17				
		Wet		3				PT	PEAT and Wood debris; brown, wet
			<20	7	18				
		Wet		9				SM	Silty SAND; brown, fine to medium, firm, wet
				8	19				
			<20	11					(As above, grades gray)
				14	20				
									BOTTOM OF HOLE @ 20'
					21				
					22				

SAND

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-99
LOGGED BY:	K. Johnson	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/20/2005	Location Map	
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"	See Figure 2	
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	10-20	CASING STICKUP:	0		

ELEVATION	NORTHING	EASTING
29.34	231666.6	1269309.4

Well Completion: Backfill	Well Completion: Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Cement	Core									Concrete (14")
Bent.						1				Air-knifed/vac-cleared to 5'
						2				
						3				
						4				
						5				
	Bent.				6					
			Damp	0	8	6			SM	Silty SAND; gray-brown, fine, firm, damp
					8					
			Moist		13	7			ML	Sandy SILT; brown-gray, some pebbles, firm, moist
				0	13					
					15	8				
			Moist		8				SP	SAND; green-gray, fine, firm, moist
				1,790	10	9				
		▽			13					
			Sat		3	10				(As above, saturated)
				54	3					
					3	11				
SAND					14					
			Wet	7.2	14	12			GP	Sandy GRAVEL; gray, wet
					8					
					13	13			GM	Silty GRAVEL; some wood debris
				2.3	13					
					15	14			ML	Gravelly SILT; some fine sand, wood debris
					10					
				0	11	15				
					11					
					4	16			SM	Silty SAND; fine, wood debris
				0	5					
					5	17				
					12					
				0.1	8	18				(As above)
					8					
					10	19				(As above)
				0	10					
					8	20				
						21				**BOTTOM OF HOLE @ 20'**
						22				

Boring Log B2/Monitoring Well MW101

URBAN REDEVELOPMENT, LLC

Project Site: Lot 14 & City ROWs
Project Name: Foster Pepper
Project Manager: John Funderburk
Total Depth: 12 Feet
Water Table Depth: 12 Feet

Date: 10-14-04
Location: Lot 14
Drilling Company: Cascade
Method Used: AMS Power Probe 10"
Boring No.: MW101

Sample Number	Sample Interval	Field Screening Results in ppm	Depth in Feet	Soil Identification and Remarks (include color, composition, moisture, and visual and olfactory observations of contamination)	Well Installation
			0	Brick Concrete	Conc.
			1		
			2		
		No Odor	3	Brown medium sand. Dry.	
			4	(Burn down to 8') Cuttings	
			5	Tan sandy silt. Dry.	Bent. Chips
			6		
			7		
		Very Strong Odor 1,800	8		
No Sample Collected		Strong Odor	9	Sand with silt.	
			10	▼	
			11		
			12	Fine silty sand.	
			13		
		No Odor	14	Wood chips.	
			15	Bottom of Boring 14 Ft. Full sheen at water table.	
			16		
			17		
			18		
			19		
			20		

▼ Water Table

A/A 216
(Ecology)

Boring Log B24/Monitoring Well MW105

URBAN REDEVELOPMENT, LLC

Project Site: Lot 14 & City ROWs
Project Name: Foster Pepper
Project Manager: John Funderburk
Total Depth: 22 Feet
Water Table Depth: 14 Feet

Date: 10-15-04
Location: Lot 14
Drilling Company: ESN
Method Used: AMS Power Probe 10"
Boring No.: B24

Sample Number	Sample Interval	Field Screening Results in ppm	Depth in Feet	Soil Identification and Remarks (include color, composition, moisture, and visual and olfactory observations of contamination)
			0	Asphalt Concrete
		No Odor	2	Tan gravelly, silty sand. Dry.
			6	Medium/fine sand with silt.
			7	Some brick debris.
		Strong Odor	9	
☒ 11 11.5			11	
		Strong Odor	13	Gray silty sand. Moist.
			14	▼ Water level during drilling. Sheen observed on GW.
		Strong Odor	15	Occasional gravel and wood chips.
		0 20' No Odor	20	Sawdust
			22	Bottom of Boring 22 Ft.

Well Installation: conc. ... Bent. chips

▼ Water Table

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-204
LOGGED BY:	K. Johnson	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/21/2005	Location Map	
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"	See Figure 2	
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	10-20	CASING STICKUP:	0		

ELEVATION	NORTHING	EASTING
28.13	231872.5	1269363.1

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Conc / Bent.					0				Asphalt/Concrete (~12")
					1				
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
				3 5 5	5				(No recovery)
					6				
		Damp	2,000	5 6 6	7			SP	Gravelly SAND; gray, firm, damp
				4	8				
		Damp-Moist	1,615	4 4	9			ML	Sandy SILT; gray, some gravel, firm, damp to moist
	▽		350	5 4	10				
SAND		*Wet*		3 4	11				(As above, wet)
			81.5	1 2	12				(No recovery)
			34.8	1 3 3	13				
				1	14				
			0	2 3	15				(Poor recovery, no sample)
			0	4 3	16				
		Wet		3	17			SM	Silty SAND; gray, soft, wet
				3 3 3	18				
				3	19				
			0	5 6	20				
					21				**BOTTOM OF HOLE @ 20'**
					22				

Delta

Environmental Consultants, Inc.

PROJECT NO:	WA255-3515-1	CLIENT:	ConocoPhillips	BORING/WELL NO:	MW-205
LOGGED BY:	J. North	LOCATION:	600 Westlake Ave N, Seattle, WA	PAGE	1 OF 1
DRILLER:	CDI	DATE DRILLED:	10/24/2005	Location Map	
DRILLING METHOD:	HSA	HOLE DIAMETER:	8.5"		
SAMPLING METHOD:	SS	HOLE DEPTH:	20'		See Figure 2
CASING TYPE:	PVC	WELL DIAMETER:	2"		
SLOT SIZE:	0.010"	WELL DEPTH:	20'		
GRAVEL PACK:	2-12	CASING STICKUP:	0		

ELEVATION	NORTHING	EASTING
28.08	231784.9	1269335.2

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Concrete / Bentonite / Casing					1				Concrete (20") sidewalk
					2				Air-knifed/vac-cleared to 5'
					3				
					4				
	▽	Wet	0	4, 3, 4	5			ML	Sandy SILT; gray-brown, fine to coarse sand, with fine to medium gravel, trace wood fragments, loose, wet
		Wet	300	7, 10, 17	7				(As above, with gravel) (Grades to gray silty sand at 7.75')
		Moist	850	5, 6, 10	8			SM	Silty SAND; gray, with fine to coarse gravel, trace clay, loose, moist
		Moist	1,150	5, 12, 15	9				(As above)
SAND		Wet	13	8, 3, 3	10				(As above, with wood fragments)
		Wet	47	20, 14, 15	11				(As above)
			2.5	12, 9, 14	12				(As above)
			63	14, 15, 20	13				
		Wet		14, 21, 23	14				
		Wet		7, 9, 15	15			SW	SAND; fine to coarse, with trace silt and fine gravel
					16				(As above)
					17				
					18			SP	SAND; gray, fine to medium, trace silt, loose
					19			ML	Sandy SILT; dark gray, fine, loose, wet
					20				
					21				**BOTTOM OF HOLE @ 20'**
					22				

APPENDIX B

NON-HAZARDOUS WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: WAH000016289
Manifest Doc. No.: 65230
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
CONOCOPHILLIPS CO.
PO BOX 925
BOTHELL, WA 98041
4. Generator's Phone (425)402-3221

SITE ADDRESS:
COP 265353
600 WESTLAKE AVENUE NORTH
SEATTLE, WA 98109
ATTN:

5. Transporter 1 Company Name: ENVIROTECH SYSTEMS, INC.
6. US EPA ID Number: WAH000012450
A. Transporter's Phone: (206) 383-9000

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
GRAHAM ROAD RECYCLING & DISPOSAL
1820 S GRAHAM RD.
MEDICAL LAKE, WA 99022
10. US EPA ID Number
C. Facility's Phone: 509-244-0151

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. MATERIAL NOT REGULATED BY DOT (IDW SOIL)	005	DM	08000	P
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
A #1289, ESI# 05-167-17-SOIL, X004

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY INFORMATION CONTACT (206) 383-9000.
"Shippers Certification per 49CFR 172.204 - This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Signature in box 16 of this manifest constitutes certification of this statement by the shipper."

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: ED RALSTON
Signature: [signature]
Month / Day / Year:

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Keith A. Mitchell
Signature: [signature]
Month / Day / Year: 06 / 19 / 06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month / Day / Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature: [signature]
Month / Day / Year: 6 / 11 / 06

ORIGINAL – RETURN TO GENERATOR

NON SHIPPING ORDER

must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

Shipper's No. _____

(Name of Carrier) ENVIROTECH SYSTEMS, INC. SCAC. _____ Carrier's No. 85231

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request, and all applicable state and federal regulations.

at SW WEST LAKE AVENUE NORTH, SEATTLE, WA date 6/12/2006 from COP 255353

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to EMERALD PETROLEUM SERVICES 1500 AIRPORT WAY SOUTH (Mail or street address of consignee – For purposes of notification only.)

Destination	State	County	Zip	Delivery Address*
SEATTLE	WA.		98134	

Route (*To be filled in only when shipper desires and governing tariffs provide for delivery thereat.)

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

Number of Packages	Description of articles, special marks, and exceptions	*Weight (Sub. to correction)	Class or rate	Check column
2	55 GAL DMS MATERIAL NOT REGULATED BY D.O.T. (DW WATER FROM UST) #602905	165		C
	RCVD EMERALD PETROLEUM SERVICES: DATE: 07/03/06			

Collect On Delivery and remit to $

C.O.D. Charge to be paid by Shipper ☐ Consignee ☐

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid".

Received $ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____ (The signature here acknowledges only the amount prepaid.)

Charges Advanced: $ _____

Note. – where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____
NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

HM EMERGENCY RESPONSE TELEPHONE NUMBER (§172.604)

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

Shipper: COP 255353 Carrier: ENVIROTECH SYSTEMS, INC

Per: _____ Date: _____ Per: _____ Date: 6/19/06

Permanent post-office address of shipper

FORM NO. 1 BLC-Q3 8 (Rev. 11/04)

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.