



MWH Americas, Inc.
335 Phoenixville Pike
Malvern, Pennsylvania 19355

Boring ID: 1X

EC 13-93

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Project Name: from URS gINT database
urs_excel_3_19_06.gpj
Location: Delaware City, DE
Project Number:
Date Started: 11/14/2002
Date Finished: 11/14/2002
Drilling Method: Hollow Stem Auger
Sampling Method:
State Permit Number: NA

Boring Location: Delaware City Refinery
Drilling Company: Walton Corporation (Gary Truver Sr.)
Ground Elevation (ft/msl): 32.6
Total Depth (ft): 124.0'
Boring Diameter (in): "
Water Level During Drilling (ft/bgs): Not Measured
Weather Conditions:
Logged By: Vince Piazza

Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
0						GW-GM		0' - 2' brown, SAND and GRAVEL + trace SILT		
						SM		2' - 3' light brown, fine to medium SAND + trace SILT		
						SW-SM		3' - 16' brown-orange, fine to medium SAND + trace SILT and GRAVEL		
5										
10										
15						SW-SM		16' - 25' brown, fine to medium SAND + trace SILT and GRAVEL		
20										
25						SM		25' - 36' brown, fine SAND and little SILT		
30										



Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
30										
35										
40						SW-SM		36' - 67' brown, fine to medium SAND and some SILT + trace GRAVEL		
45										
50										
55										
60										
65										



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Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
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70						SW-SM		67' - 103' brown, fine to medium SAND and some SILT + trace GRAVEL		
75										
80										
85										
90										
95										
100										



Depth (feet)	Blow Counts	Recovery (inches)	PID (ppm)	Sample ID	Sample Interval	USCS	Lithology	Lithologic Description	Well Diagram	Remarks
105						SW-SM		103' - 105' brown, fine to medium SAND and little GRAVEL and SILT		
110						SW-SM		105' - 120' brown, fine to medium SAND and little SILT and GRAVEL		
115										
120						SM		120' - 121.5' brown, fine to coarse SAND + trace SILT		
125						CL		121.5' - 124' pink and white CLAY, very stiff		
130										
135										