

TAYLOR LANE, MAMARONECK - FIELD DATA - 08.26.2010

Groundwater Sampling Data

MW #	PID (ppm)	DOW (in ft) (Top of Casing)	DOW (in ft) (Top of PVC)	DOB (in ft) (Top of PVC)	Water Quality Parameters						
					Sampling Time	Temp. (oC)	Conductivity (mS/cm2)	D.O. (mg/L)	pH	ORP (mv)	Turbidity (NTU)
1S	5.2	3.57	3.29	19.44	11:45	16.04	1.001	16.5	7.17	-62.9	2.2
1D	4.9	4.27	3.99	65.78	11:15	16.39	0.541	12.1	7.65	199.9	-6.3
2S	0.7	2.72	2.38	16.65	10:15	15.58	0.998	7.78	6.81	-24.7	-5.9
2D	1.2	2.52	2.19	68.34	10:45	15.37	0.577	9.08	7.76	167.7	-4.7
3S	0.2	3.6	3.24	21.41	9:30	15.9	1.116	6.46	6.76	-7.1	8.1
3D	0	3.81	3.56	31.52	8:45	15.49	1.123	6.03	6.88	220.2	2.1

FIELD SAMPLING DATA SHEET

sample ID MW-1S sample date/time 08.26.2010 11:45
 (lab) sample number MW-1S field personnel Sanjay Sharma
 project Mamaroneck
 project number 124348 observer _____
 weather conditions (estimate wind, cloud, precip, humidity, temp)
65°F, Sunny

SAMPLE TYPE

composite grab
 groundwater surface water soil sediment
 leachate industrial storm sewer gas
 other _____

MONITORING WELL DATA

casing diameter 2" PVC steel other
 static water level (ft) 3.57 from well casing from protective casing (Height - 2.64')
 bottom depth (ft) 19.44 from well casing from protective casing
 static water level indicator type steel tape electronic other
 linear conversion 0.16 water volume in well 2.54 gallons
 well condition GOOD

MONITORING WELL PURGE DATA

submersible pump PVC bailer suction pump teflon bailer
 poly bailer poly cup other Peristaltic Pump
 dedicated purge equipment? yes no
 pumping rate _____ elapsed time _____
 bail volume _____ number of bails _____
 volume purged ~10 gallons well volumes _____
 time purge complete _____ well evacuated? yes no

SAMPLING DATA

pump PVC bailer poly bailer teflon bailer
 stainless bucket poly cup tedlar bag direct
 hand corer hand auger stainless spoon split spoon
 other Peristaltic Pump
 dedicated sampling equipment? yes no
 metals field filtered? yes no
 depth of sample _____
 sample containers _____

PHYSICAL AND CHEMICAL DATA

odor? no yes _____
 sediment? no yes _____
 color? no yes _____
 clear turbid sheen immiscible product
 other _____
 pH (SU) 7.17 temp (°C) 16.04 cond (mS/cm²) 1.001
 ORP (mv) -62.9 turbidity (NTUs) 2.2 PID (ppm) 5.2
 comments/remarks _____

FIELD SAMPLING DATA SHEET

sample ID	<u>MW-1D</u>	sample date/time	<u>08.26.2010</u> <u>11:15</u>
(lab) sample number	<u>MW-1D</u>	field personnel	<u>Sanjay Sharma</u>
project	<u>Mamaroneck</u>	observer	_____
project number	<u>124348</u>		
weather conditions (estimate wind, cloud, precip, humidity, temp) <u>65°F, Sunny</u>			

SAMPLE TYPE

<input type="checkbox"/> composite	<input checked="" type="checkbox"/> grab	<input type="checkbox"/> soil	<input type="checkbox"/> sediment
<input checked="" type="checkbox"/> groundwater	<input type="checkbox"/> surface water	<input type="checkbox"/> storm sewer	<input type="checkbox"/> gas
<input type="checkbox"/> leachate	<input type="checkbox"/> industrial		
<input type="checkbox"/> other	_____		

MONITORING WELL DATA

casing diameter	<u>2"</u>	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> steel	<input type="checkbox"/> other
static water level (ft)	<u>4.27</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing (Height - 3.44')	
bottom depth (ft)	<u>65.78</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing	
static water level indicator type	<input type="checkbox"/> steel tape	<input checked="" type="checkbox"/> electronic	<input type="checkbox"/> other	
linear conversion	<u>0.16</u>	water volume in well	<u>9.84</u> gallons	
well condition	<u>GOOD</u>			

MONITORING WELL PURGE DATA

<input type="checkbox"/> submersible pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> suction pump	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> poly bailer	<input type="checkbox"/> poly cup	<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>
dedicated purge equipment ? <input checked="" type="checkbox"/> yes		<input type="checkbox"/> no	
pumping rate	_____	elapsed time	_____
bail volume	_____	number of bails	_____
volume purged	<u>~22</u> gallons	well volumes	_____
time purge complete	_____	well evacuated ?	<input type="checkbox"/> yes <input type="checkbox"/> no

SAMPLING DATA

<input type="checkbox"/> pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> poly bailer	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> stainless bucket	<input type="checkbox"/> poly cup	<input type="checkbox"/> tedlar bag	<input type="checkbox"/> direct
<input type="checkbox"/> hand corer	<input type="checkbox"/> hand auger	<input type="checkbox"/> stainless spoon	<input type="checkbox"/> split spoon
<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>		
dedicated sampling equipment ? <input checked="" type="checkbox"/> yes		<input type="checkbox"/> no	
metals field filtered ? <input type="checkbox"/> yes		<input checked="" type="checkbox"/> no	
depth of sample	_____		
sample containers	_____		

PHYSICAL AND CHEMICAL DATA

odor ?	<input checked="" type="checkbox"/> no <input type="checkbox"/> yes	_____			
sediment ?	<input checked="" type="checkbox"/> no <input type="checkbox"/> yes	_____			
color ?	<input checked="" type="checkbox"/> no <input type="checkbox"/> yes	_____			
<input checked="" type="checkbox"/> clear	<input type="checkbox"/> turbid	<input type="checkbox"/> sheen <input type="checkbox"/> immiscible product			
<input type="checkbox"/> other	_____				
pH (SU)	<u>7.65</u>	temp (°C)	<u>16.39</u>	cond (mS/cm ²)	<u>0.541</u>
ORP (mv)	<u>199.9</u>	turbidity (NTUs)	<u>-6.3</u>	PID (ppm)	<u>4.9</u>
comments/remarks _____					

FIELD SAMPLING DATA SHEET

sample ID MW-2S sample date/time 08.26.2010 10:15
 (lab) sample number MW-2S field personnel Sanjay Sharma
 project Mamaroneck
 project number 124348 observer _____
 weather conditions (estimate wind, cloud, precip, humidity, temp)
65°F, Sunny

SAMPLE TYPE

composite grab
 groundwater surface water soil sediment
 leachate industrial storm sewer gas
 other _____

MONITORING WELL DATA

casing diameter 2" PVC steel other
 static water level (ft) 2.72 from well casing from protective casing (Height - 3.17")
 bottom depth (ft) 16.65 from well casing from protective casing
 static water level indicator type steel tape electronic other
 linear conversion 0.16 water volume in well 2.23 gallons
 well condition GOOD

MONITORING WELL PURGE DATA

submersible pump PVC bailer suction pump teflon bailer
 poly bailer poly cup other Peristaltic Pump
 dedicated purge equipment? yes no
 pumping rate _____ elapsed time _____
 bail volume _____ number of bails _____
 volume purged ~10 gallons well volumes _____
 time purge complete _____ well evacuated? yes no

SAMPLING DATA

pump PVC bailer poly bailer teflon bailer
 stainless bucket poly cup tedlar bag direct
 hand corer hand auger stainless spoon split spoon
 other Peristaltic Pump
 dedicated sampling equipment? yes no
 metals field filtered? yes no
 depth of sample _____
 sample containers _____

PHYSICAL AND CHEMICAL DATA

odor? no yes _____
 sediment? no yes _____
 color? no yes _____
 clear turbid sheen immiscible product
 other _____
 pH (SU) 6.81 temp (°C) 15.58 cond (mS/cm²) 0.998
 ORP (mv) -24.7 turbidity (NTUs) -5.9 PID (ppm) 0.7
 comments/remarks _____

FIELD SAMPLING DATA SHEET

sample ID	<u>MW-2D</u>	sample date/time	<u>08.26.2010 10:45</u>
(lab) sample number	<u>MW-2D</u>	field personnel	<u>Sanjay Sharma</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348</u>		

weather conditions (estimate wind, cloud, precip, humidity, temp)
65°F, Sunny

SAMPLE TYPE

<input type="checkbox"/> composite	<input checked="" type="checkbox"/> grab	<input type="checkbox"/> soil	<input type="checkbox"/> sediment
<input checked="" type="checkbox"/> groundwater	<input type="checkbox"/> surface water	<input type="checkbox"/> storm sewer	<input type="checkbox"/> gas
<input type="checkbox"/> leachate	<input type="checkbox"/> industrial		
<input type="checkbox"/> other			

MONITORING WELL DATA

casing diameter	<u>2"</u>	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> steel	<input type="checkbox"/> other
static water level (ft)	<u>2.52</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing (Height - 3.5')	
bottom depth (ft)	<u>68.34</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing	
static water level indicator type	<input type="checkbox"/> steel tape	<input checked="" type="checkbox"/> electronic	<input type="checkbox"/> other	
linear conversion	<u>0.16</u>	water volume in well	<u>10.53</u> gallons	
well condition	<u>GOOD</u>			

MONITORING WELL PURGE DATA

<input type="checkbox"/> submersible pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> suction pump	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> poly bailer	<input type="checkbox"/> poly cup	<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>
dedicated purge equipment ?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
pumping rate	<u></u>	elapsed time	<u></u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>~20</u> gallons	well volumes	<u></u>
time purge complete	<u></u>	well evacuated ?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

SAMPLING DATA

<input type="checkbox"/> pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> poly bailer	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> stainless bucket	<input type="checkbox"/> poly cup	<input type="checkbox"/> tedlar bag	<input type="checkbox"/> direct
<input type="checkbox"/> hand corer	<input type="checkbox"/> hand auger	<input type="checkbox"/> stainless spoon	<input type="checkbox"/> split spoon
<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>		
dedicated sampling equipment ?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
metals field filtered ?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
depth of sample	<u></u>		
sample containers	<u></u>		

PHYSICAL AND CHEMICAL DATA

odor ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u></u>
sediment ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u></u>
color ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u></u>
<input checked="" type="checkbox"/> clear	<input type="checkbox"/> turbid	<input type="checkbox"/> sheen	<input type="checkbox"/> immiscible product
<input type="checkbox"/> other	<u></u>		
pH (SU)	<u>7.76</u>	temp (°C)	<u>15.37</u>
ORP (mv)	<u>167.7</u>	turbidity (NTUs)	<u>-4.7</u>
		cond (mS/cm ²)	<u>0.577</u>
		PID (ppm)	<u>1.2</u>
comments/remarks	<u></u>		

FIELD SAMPLING DATA SHEET

sample ID	<u>MW-3S</u>	sample date/time	<u>08.26.2010 9:30</u>
(lab) sample number	<u>MW-3S</u>	field personnel	<u>Sanjay Sharma</u>
project	<u>Mamaroneck</u>	observer	<u></u>
project number	<u>124348</u>		
weather conditions(estimate wind,cloud,precip,humidity,temp) <u>65°F, Sunny</u>			

SAMPLE TYPE

<input type="checkbox"/> composite	<input checked="" type="checkbox"/> grab	<input type="checkbox"/> soil	<input type="checkbox"/> sediment
<input checked="" type="checkbox"/> groundwater	<input type="checkbox"/> surface water	<input type="checkbox"/> storm sewer	<input type="checkbox"/> gas
<input type="checkbox"/> leachate	<input type="checkbox"/> industrial		
<input type="checkbox"/> other			

MONITORING WELL DATA

casing diameter	<u>2"</u>	<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> steel	<input type="checkbox"/> other
static water level (ft)	<u>3.60</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing (Height - 3.29')	
bottom depth (ft)	<u>21.41</u>	from <input type="checkbox"/> well casing	from <input checked="" type="checkbox"/> protective casing	
static water level indicator type	<input type="checkbox"/> steel tape	<input checked="" type="checkbox"/> electronic	<input type="checkbox"/> other	
linear conversion	<u>0.16</u>	water volume in well	<u>2.85</u> gallons	
well condition	<u>GOOD</u>			

MONITORING WELL PURGE DATA

<input type="checkbox"/> submersible pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> suction pump	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> poly bailer	<input type="checkbox"/> poly cup	<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>
dedicated purge equipment ?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
pumping rate	<u></u>	elapsed time	<u></u>
bail volume	<u></u>	number of bails	<u></u>
volume purged	<u>~11</u> gallons	well volumes	<u></u>
time purge complete	<u></u>	well evacuated ?	<input type="checkbox"/> yes <input type="checkbox"/> no

SAMPLING DATA

<input type="checkbox"/> pump	<input type="checkbox"/> PVC bailer	<input type="checkbox"/> poly bailer	<input type="checkbox"/> teflon bailer
<input type="checkbox"/> stainless bucket	<input type="checkbox"/> poly cup	<input type="checkbox"/> tedlar bag	<input type="checkbox"/> direct
<input type="checkbox"/> hand corer	<input type="checkbox"/> hand auger	<input type="checkbox"/> stainless spoon	<input type="checkbox"/> split spoon
<input checked="" type="checkbox"/> other	<u>Peristaltic Pump</u>		
dedicated sampling equipment ?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
metals field filtered ?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	
depth of sample	<u></u>		
sample containers	<u></u>		

PHYSICAL AND CHEMICAL DATA

odor ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u></u>
sediment ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u></u>
color ?	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<u>Orange Tint</u>
	<input checked="" type="checkbox"/> clear	<input type="checkbox"/> turbid	<input type="checkbox"/> sheen <input type="checkbox"/> immiscible product
	<input type="checkbox"/> other		
pH (SU)	<u>6.76</u>	temp (°C)	<u>15.9</u>
ORP (mv)	<u>-7.1</u>	turbidity (NTUs)	<u>8.1</u>
		cond (mS/cm ²)	<u>1.116</u>
		PID (ppm)	<u>0.2</u>
comments/remarks	<u></u>		

FIELD SAMPLING DATA SHEET

sample ID MW-3D sample date/time 08.26.2010 8:45
 (lab) sample number MW-3D field personnel Sanjay Sharma
 project Mamaroneck
 project number 124348 observer _____
 weather conditions (estimate wind, cloud, precip, humidity, temp)
65°F, Sunny

SAMPLE TYPE

composite grab
 groundwater surface water soil sediment
 leachate industrial storm sewer gas
 other _____

MONITORING WELL DATA

casing diameter 2" PVC steel other
 static water level (ft) 3.81 from well casing from protective casing (Height - 3.7')
 bottom depth (ft) 31.52 from well casing from protective casing
 static water level indicator type steel tape electronic other
 linear conversion 0.16 water volume in well 4.43 gallons
 well condition GOOD

MONITORING WELL PURGE DATA

submersible pump PVC bailer suction pump teflon bailer
 poly bailer poly cup other Peristaltic Pump
 dedicated purge equipment? yes no
 pumping rate _____ elapsed time _____
 bail volume _____ number of bails _____
 volume purged ~15 gallons well volumes _____
 time purge complete _____ well evacuated? yes no

SAMPLING DATA

pump PVC bailer poly bailer teflon bailer
 stainless bucket poly cup tedlar bag direct
 hand corer hand auger stainless spoon split spoon
 other Peristaltic Pump
 dedicated sampling equipment? yes no
 metals field filtered? yes no
 depth of sample _____
 sample containers _____

PHYSICAL AND CHEMICAL DATA

odor? no yes _____
 sediment? no yes _____
 color? no yes _____
 clear turbid sheen immiscible product
 other _____
 pH (SU) 6.88 temp (°C) 15.49 cond (mS/cm²) 1.123
 ORP (mv) 220.2 turbidity (NTUs) 2.1 PID (ppm) 0
 comments/remarks _____