



ecology and environment engineering, p.c.

International Specialists in the Environment

BUFFALO CORPORATE CENTER 368 Pleasant View Drive, Lancaster, New York 14086
 Tel: 716/684-8060, Fax: 716/684-0844

WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's Dry Cleaners

Well ID: ESI-5R

EEEEPC Project No.: EN-002700-0013-02-01-02TTO

Date: 6/1/12

Initial Depth to Water: 8.56 feet TOIC

Start Time: 0805

Total Well Depth: 14.30 feet TOIC

End Time: 0835

Depth to Pump: _____ feet TOIC

Bailer Pump

Initial Pump Rate: 1200 (1) Lpm gpm

Pump Type: mini typhoon

adjusted to: 1 L/m at 3 minutes

Well Diameter: 2 inches

adjusted to: 700 mL at 20 minutes

1x Well Volume: 0.93 gallons 3 vol = 2.8 gal

Time	Purge Volume (gallons)	pH (s.u.)	Temp. (°C)	ORP (mV)	Conductivity (µS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
0805	0	7.12	13.2	-	5252	-	71000	-
0810	2.5	7.15	13.0	-	4759	-	71000	-
0815	5.0	7.29	13.0	-	3961	-	122	-
0820	7.5	7.31	13.0	-	3868	-	42.6	-
0825	8.0	7.28	13.0	-	3734	-	17.2	-
0830	9.0	7.28	13.0	-	3688	-	16.5	-
0835	10.5	7.28	13.0	-	3571	-	9.65	-
Final Sample Data:		7.28	13.0	-	3571	-	9.65	-

Sample ID: ESI-5-R-000112

Duplicate?

Dupe Samp ID: _____

Sample Time: 0840

MS/MSD?

Analyses:

Methods:

Comments:

VOCs

CLP

SVOCs

SW846

PCBs

Drink. Wtr.

Metals

P82603

Sampler(s): S. Craig M. Fronkowiak



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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's Dry Cleaners

Well ID: MPI-85R

EEEEPC Project No.: EN-002700-0013-02-01-02TTO

Date: 6/1/12

Initial Depth to Water: 10.33 feet TOIC

Start Time: 0930

Total Well Depth: 17.26 feet TOIC

End Time: 1000

Depth to Pump: _____ feet TOIC

Bailer Pump

Initial Pump Rate: 550 (lpm) / gpm

Pump Type: Luphon Mini

adjusted to: _____ at _____ minutes

Well Diameter: 2 inches

adjusted to: _____ at _____ minutes

1x Well Volume: 1.12 gallons 3 vol = 3.38 gal

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm nS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
0930	0	7.07	12.3	-	2463	-	71000	-
0935	2	7.30	12.2	-	2702	-	71000	-
0940	4	7.16	12.0	-	2961	-	71000	-
0945	5	7.31	12.0	-	323	-	156	-
0950	7.5	7.34	12.1	-	3170	-	33.0	-
0955	9	7.36	12.2	-	3149	-	25.3	-
1000		7.32	12.3	-	3148	-	18.7	-
Final Sample Data: 7.32 12.3 - 3148 - 18.7 -								

Sample ID: MPI-85-R-060112

Duplicate?

Dupe Samp ID: _____

Sample Time: 1003

MS/MSD?

Analyses:

Methods:

Comments: all pFD readings 00

VOCs

CLP

SVOCs

SW846

PCBs

Drink. Wtr.

Metals

8260B

Sampler(s): S. Craig M. Jankowiak



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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's Dry Cleaners
EEEP Project No.: EN-002700-0013-02-01-02TTO

Well ID: MPE-9SR
Date: 6/1/12

Initial Depth to Water: 10.79 feet TOIC
Total Well Depth: 17.30 feet TOIC
Depth to Pump: _____ feet TOIC

Start Time: 1055
End Time: 1140

Initial Pump Rate: 20.5 (Lpm) / gpm
adjusted to: _____ at _____ minutes
adjusted to: _____ at _____ minutes

Bailor Pump
Pump Type: mini typhoon
Well Diameter: 2 inches
1x Well Volume: 1.06 gallons 3 vol = 3.18 gal

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
1055	0	6.78	12.4	—	2779	—	71000	—
1100	1	7.08	12.5	—	2642	—	71000	—
1105	2	7.12	12.2	—	2663	—	71000	—
1110	3.5	7.01	12.1	—	2762	—	71000	—
1115	4.5	7.00	12.1	—	2835	—	814	—
1120	5.5	6.95	12.2	—	2839	—	126	—
1125	6.5	6.98	12.2	—	2822	—	73.8	—
1130	8.0	6.98	12.2	—	2822	—	46.8	—
1135	9.5	6.95	12.3	—	2815	—	38.3	—
1140	10.5	6.95	12.3	—	2817	—	21.0	—
Final Sample Data: 6.95 12.3 — 2817 — 21.0 —								

Sample ID: MPE-9S-R-06122
Sample Time: 1143

Duplicate? Dupe Samp ID: _____
MS/MSD2

Analyses: VOCs CLP
 SVOCs SW846
 PCBs Drink. Wtr.
 Metals 82608
Sampler(s): S. Craig, M. Frenckowial



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WELL PURGE & SAMPLE RECORD

Site Name/Location: Mr. C's Dry Cleaners

Well ID: MPI-13BR

EEEP Project No.: EN-002700-0013-02-01-02TTO

Date: 6/1/12

Initial Depth to Water: 9.56 feet TOIC

Start Time: 1239

Total Well Depth: 31.70 feet TOIC

End Time: 1324

Depth to Pump: _____ feet TOIC

Bailer Pump

Initial Pump Rate: 0.5 gpm

Pump Type: mini typhoon

adjusted to: _____ at _____ minutes

Well Diameter: 2 inches

adjusted to: _____ at _____ minutes

1x Well Volume: 3.60 gallons

3rd = 10.82 gal

Time	Purge Volume (gallons/liters)	pH (s.u.)	Temp. (°C/°F)	ORP (mV)	Conductivity (µS/cm mS/cm)	DO (mg/L)	Turbidity (NTU)	Water Level (feet)
1239	0	7.16	12.2	—	1809	—	124	—
1244	1	7.23	11.5	—	1835	—	761	—
1249	2.5	7.18	11.6	—	1905	—	718	—
1254	4	7.17	11.5	—	1970	—	129	—
1259	5	7.18	11.5	—	2018	—	38.8	—
1304	6.5	7.19	11.5	—	1999	—	25.5	—
1309	8	7.20	11.4	—	1978	—	13.4	—
1314	9	7.18	11.3	—	1973	—	8.48	—
1319	10.5	7.15	11.3	—	1967	—	8.27	—
1324	11.5	7.17	11.2	—	1973	—	4.80	—
Final Sample Data:		7.17	11.2	—	1973	—	4.80	—

Sample ID: MPI-13B-R-000112

Duplicate?

Dupe Samp ID: MPI-13B-R-000112/Q

Sample Time: 1324

MS/MCD?

Analyses:

Methods:

Comments: all PID readings 0.0

VOCs

CLP

SVOCs

SW846

PCBs

Drink. Wtr.

Metals

8260B

Sampler(s): S. Craig, M. Tencowski



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Soil Vapor Intrusion/Indoor Air Sampling Data Collection Form

Site Name: <i>Mr. C's Dry Cleaners</i>	Project No.: <i>EN-002700-0013-02-01-02TTO</i>
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Sample Location Information

Location ID/Description: <i>Mr C's Treatment Bldg</i>		
Address: <i>586 Main Street</i>	City: <i>East Aurora</i>	State: <i>NY</i>

Sampler Names (Print): *L. RORDL*

Building Inspection & Inventory Performed? Yes No

Organic Vapor Meter Used: PID FID Model: *MIMI Rel 3000*

	Sub-slab Vapor	Sub-slab Vapor				
Sample ID	<i>Mr C's 01-53159</i>	<i>Mr C's 02-53155</i>				
Canister No.	<i>1406</i>	<i>4612</i>				
Regulator No.	<i>956</i>	<i>59</i>				
Duration (hours)	<i>24</i>	<i>24</i>				
Start	Date	<i>5/31/12</i>	<i>5/31/12</i>			
	Time	<i>11:37</i>	<i>11:37</i>			
	Pressure	<i>-30</i>	<i>-30</i>			
	Ambient Temp. (°F)	<i>59</i>	<i>59</i>			
	Ambient Pressure (in. Hg)	<i>-</i>	<i>-</i>			
End	Date	<i>6/1/12</i>	<i>6/1/12</i>			
	Time	<i>11:37</i>	<i>11:37</i>			
	Pressure	<i>2</i>	<i>-11</i>			
	Ambient Temp. (°F)	<i>59.55</i>	<i>55</i>			
	Ambient Pressure (in. Hg)	<i>-</i>	<i>-</i>			
Quality Control	<i>-</i>	<i>-</i>				
OVM (ppb)	<i>3.8</i>	<i>31.6</i>				
Analysis Method	<i>T015</i>	<i>T0-15</i>				

Laboratory: <i>Spectrum Analytical</i>	Date Shipped to Lab: <i>6/1/12</i>
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Associated Trip Blank Sample ID: *NA*

Comments: *Back ground on pid 0.0 ppm*

Key: FID = flame-ionization detector
 OVM = organic vapor meter
 PID = photo-ionization detector
 ppb = parts per billion
 Pressure measured in inches of mercury, gauge (in Hg)