



August 20, 2014
G-Logics File 01-0739-F

BV Holdings, LLC
Mr. Michael Nielson
10672 NE 9th Pl
Bellevue, WA 98004

**Subject: System Operation and Monitoring Report
Former Drycleaner Location
10610 NE 8th Street
Bellevue, WA**

Dear Mr. Nielson:

This report provides the results of the treatment-system monitoring and vapor sampling conducted at the subject property (Figure 1). This work has been performed in accordance with our authorized *AS/SVE Continued Operation Workplan*, dated July 9, 2013. Operation of the AS/SVE system was extended from July 2013 to July 2014 to continue the removal of volatile contaminants from on-property soils and groundwater. With the continued operation, monthly site visits were performed to monitor the system and the operational components. Additionally, vapor sampling was performed on a quarterly basis. Analytical results were used to calculate the amount of contaminant removal.

Site Background

The Property is located on the northeast corner of the intersection of NE 8th Street and 106th Avenue NE in downtown Bellevue (Figure 1). During the 1950s, a single structure was built on the site and used as an auto-fueling and service station. In 1976, the service station was converted to operate as a retail/commercial space. A dry-cleaning business operated on the property from 1976 to 1986. During that time, a common dry-cleaning solvent known as tetrachloroethylene (PCE) was used in the operations. After 1986, the

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structure was used for various commercial uses, including a pet store and toy store (Thinker Toys) until 2007. In 2007, the structure was demolished and the site was converted to its current use as a parking lot.

Several environmental investigations have been conducted on the Property and immediate vicinity to evaluate contaminant impacts to soil and groundwater from release(s) of PCE. The results of a soil-vapor survey conducted in 2009 indicated chlorinated solvents were present on the Property. Two subsurface investigations conducted in 2010 confirmed that the soil and groundwater on the Property were contaminated with chlorinated solvents, specifically PCE and its associated degradation products. The highest concentrations of chlorinated solvents are located near the center of the Property (Figure 2) in the general vicinity of the former dry-cleaning operations. In 2010/2011, a Remedial Investigation/Feasibility Study (RI/FS) and an Interim Cleanup Action Plan (ICAP) were prepared for the Property.

In 2012, BV Holdings and two other parties entered into a Settlement Agreement with Sterling Realty Organization (SRO), owner of the property directly across 8th Street to the south. As part of this agreement, a “reasonable interim action” was to be conducted on the subject Property. The purpose of the interim action was to reduce concentrations of PCE in soils at the Property and thereby reduce offsite migration of PCE-related substances. Specifically, a treatment system was to be installed in order to reduce soil concentrations such that when soils are excavated (as part of a future site development) they could be disposed as a non-hazardous waste, subject to Ecology approval.

The treatment system included an air-sparge and soil-vapor extraction system (AS/SVE) that was installed at the former Thinker Toys property. Installation of the AS/SVE system began in October 2012 after receiving appropriate permits. This report summarizes the observed monitoring results since beginning of the system’s operation.

System Configuration

The AS/SVE system primarily consists of one regenerative blower, one rotary-vane compressor, related electrical equipment, and a moisture-reduction tank (K/O tank). The equipment is housed in a wood-framed building identified as the Equipment Shed (Figure 3). The regenerative blower produces a vacuum that removes subsurface vapors from the vadose zone. The regenerative blower operates 24-hours a day, 7-days a week. The purpose



of the rotary-vane compressor was to inject air into the subsurface to volatilize contaminants contained in the saturated soil and groundwater. The rotary-vane compressor has operated for two 2-hour periods every day, specifically from 11 PM to 1 AM and from 11 AM to 1 PM.

A vacuum line extends from the blower in the equipment shed to the north vault, where a manifold directs vacuum to SVE Wells 1 through 4. Similarly, a vacuum line extends from the blower in the equipment shed to the south vault, where a manifold directs vacuum to SVE Wells 5 through 9. Additionally, underground piping (that originates in the equipment shed) was installed to direct compressed air to a manifold system (that feeds the three AS wells) located in the south vault (Figure 3).

System Monitoring

During each monthly site visit, vacuum readings were observed on vacuum gauges and recorded. The vacuum gauges are located on the K/O tank and at each of the two vacuum lines immediately after the manifold within the shed. The manifold is located inside the shed, situated positioned between the K/O tank and the wells (see Schematic on Figure 4). Similarly, air pressure on the AS system was observed on pressure gauges and recorded. Pressure gauges are located on the supply piping in the shed (see Schematic on Figure 4).

During the December 2013 visit/sampling event, air-pressure was observed to remain in the supply line between the backflow valve and the wells. This continued to be observed through the June 2014 visit/sampling event, when it was apparent that the soil formation was not sufficiently permeable to effectively accomplish a sparging action. Due to this condition, the AS system was permanently shut down during the June 2014 visit.

Vapor Removal Discussion

Vapor samples were collected on September 12, 2013, December 23, 2013, March 19, 2014, and June 19, 2014. Using Tedlar bags, vapor samples were collected from the exhaust-stack and all nine SVE Wells. The vapor samples were analyzed for PCE and its breakdown components by EPA Method 8260. Analytical results demonstrate that vapor-contaminants continue to be removed from the subsurface. The most significant contaminant removal concentrations continued to be observed in SVE Wells 4, 5, 6, and 7.



These wells are located in the area that was mapped as having elevated concentrations of PCE in the soil (Figure 2).

Data from the most recent sampling events (conducted in March and June of 2014) show that contaminant concentrations in the system effluent have reduced when compared to past sampling events (Table 1).

Groundwater Elevation Discussion

Groundwater levels in the on-property wells were measured and recorded by G-Logics beginning with the September 13, 2013 sampling event. Recorded groundwater levels can be reviewed on the attached Table 2. Groundwater elevations were plotted on the attached Graph 2.

Summary Discussion

As shown on Table 3, the system has removed approximately 80 pounds of PCE (December 7, 2012 to June 19, 2014). This is also demonstrated on Graph 1, which plots the effluent concentrations of PCE over time removed by the system. Both the cumulative total and daily average of PCE removal are shown on Graph 1. Graph 2 depicts the fluctuations in groundwater elevations over time. Generally, groundwater elevations are lower in the fall and early winter months, rising in the spring and early summer months. A seasonal correlation between groundwater elevations and PCE recovery does not appear to be evident based on the last four quarters of data.

The most recent analytical results indicate that the system is continuing to remove PCE and related contaminants from the soil and groundwater, albeit at reduced concentrations when compared to previous results.

Based on the continued removal of PCE, and the understood objective to reduce PCE concentrations in the soil (for soil disposal and potential off-site migration), it is recommended the SVE system continue to be operated on a pulsed-operating schedule. A pulsed-operating schedule reduces the time of system operation to a few hours per day. This allows for the diffusion of contaminant into the soil pores during resting phases, which can then be removed by the SVE during the operational phase. Additionally, pulsed operation allows for decreased electricity use while still removing residual contamination.

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Closing

We appreciate this opportunity to provide our services to you. Please contact us at your convenience with any questions regarding our work or findings.

Sincerely,
G-Logics, Inc.

Rory L. Galloway, LG, LHG
Principal

Dan Hatch, PMP
Remediation Manager

Tim Stott, PE
Senior Environmental Engineer

cc: Mark Myers
Rob Zarkos

Attachments:

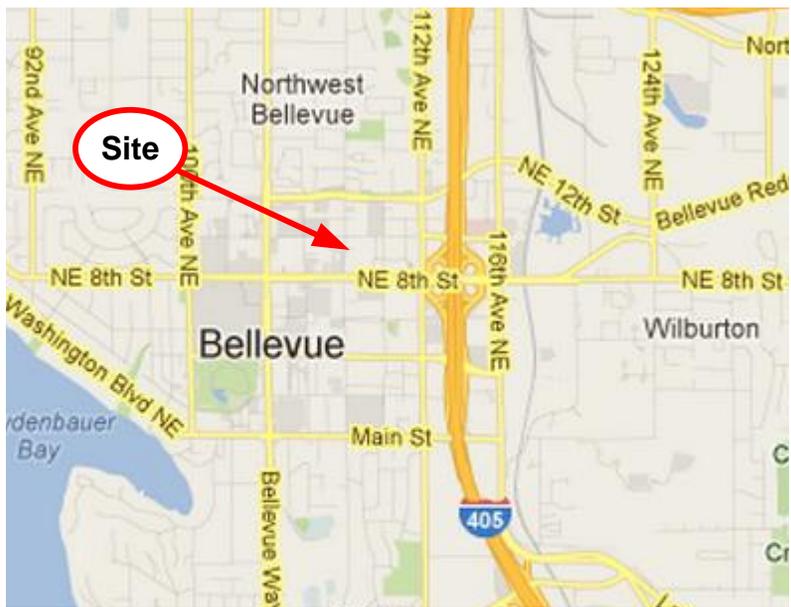
Figure 1 – Site Location Maps
Figure 2 – AS/SVE System Layout with PCE Mapping
Figure 3 – Property Diagram, AS/SVE System Layout
Figure 4 – System Schematic Diagram

Table 1 – Vapor Sample Analyses, Volatile Organic Compounds
Table 2 – Groundwater Elevation Measurements
Table 3 – Vapor Contaminant Removal Summary Calculations

Graph 1 – Pounds of PCE Removal
Graph 2 – Plotted Groundwater Elevations

The logo for g-logics, featuring the lowercase letters 'g-logics' in a green, cursive-style font.

FIGURES



Project File: 01-0739-B F1.vsd



Site Location Maps
 Former Thinker Toy Property
 10610 NE 8th Street
 Bellevue, Washington

Figure
 1



Drive-thru Canopy

MW-14

MW-13

Equipment Shed

MW-3

MW-1

MW-B2

MW-6

This location of MW-8 is a Figure placement only. The well is physically located 60 feet to the north of this mapped location.

MW-8

MW-9

GL-SVE-2

GL-SVE-4

GL-SVE-7

GL-SVE-9

MW-2

GL-SVE-1

GL-SVE-3

GL-SVE-5

GL-AS-1

GL-AS-3

GL-SVE-6

MW-7S

MW-5

MW-10

Existing 480V Power Trench

106th Avenue Northeast

Sidewalk

MW-4

Street / Curb

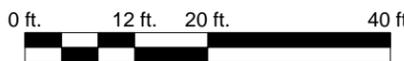
Northeast 8th Street

LEGEND

-  Air Sparge Point
-  Soil-Vapor Extraction Well
-  Monitoring Wells
-  G-Logics Estimated Area of PCE Detected Above 1.9 mg/kg (MTCA Method B Cleanup Level prior to 2012 regulation change)
-  G-Logics Estimated Area of PCE Detected Above 60 mg/kg (Land Ban)
-  SVE Trunk Lines, (Connecting Equipment to Manifolds)
-  AS Trunk Line, (Connecting Equipment to Manifolds)
-  Typical SVE Branch Lines, (Connecting to Wells)
-  Typical AS Branch Lines, (Connecting to Wells)
-  Manifold Vaults (North and South)
-  Understood Subject Property Line
-  Underground Power Line (480V)

This figure contains information in color. Black & white photocopies may not be suitable for review. Buildings are shown for reference only and may not be to scale.

Approximate Drawing Scale: 1" = 20'



AS/SVE System Layout with PCE Mapping
Former Thinker Toy Property
NE. 8th St.
Bellevue, Washington

Figure
2

Project File: 01-0739-F F2.vsd





Drive-thru Canopy

MW-14

MW-13

MW-3

MW-1

MW-B2

MW-6

MW-8

MW-9

GL-SVE-2

GL-SVE-4

GL-SVE-7

GL-SVE-9

GL-AS-1

GL-AS-3

MW-7S

GL-SVE-1

GL-SVE-3

GL-SVE-5

GL-AS-2

GL-SVE-8

MW-5

MW-2

Typical AS Branch Lines,
(Connecting Trunk Line to Wells)

MW-15

MW-10

Typical SVE Branch Lines,
(Connecting Trunk Lines to Wells)

MW-4

Existing 480V Power Trench

106th Avenue Northeast

Sidewalk

Street / Curb

Northeast 8th Street

LEGEND

-  Air Sparge Point
-  Soil-Vapor Extraction Well
-  Monitoring Wells
-  SVE Trunk Lines,
(Connecting Equipment to Manifolds)
-  AS Trunk Line,
(Connecting Equipment to Manifolds)
-  Typical SVE Branch Lines,
(Connecting Trunk Lines to Wells)
-  Typical AS Branch Lines,
(Connecting Trunk Line to Wells)
-  Manifold Vaults (North and South)
-  Understood Subject Property Line
-  Underground Power Line (480V)

This location of MW-8 is a Figure placement only. The well is physically located 60 feet to the north of this mapped location.

Underground Electrical Vault
Equipment Shed
Fencing

Typical SVE Trunk Lines,
(Connecting Equipment to Manifolds)

AS Trunk Line,
(Connecting Equipment to Manifold)

Typical SVE Branch Lines,
(Connecting Trunk Lines to Wells)

Typical AS Branch Lines,
(Connecting Trunk Line to Wells)



This figure contains information in color. Black & white photocopies may not be suitable for review. Buildings are shown for reference only and may not be to scale.

Approximate Drawing Scale: 1" = 20'

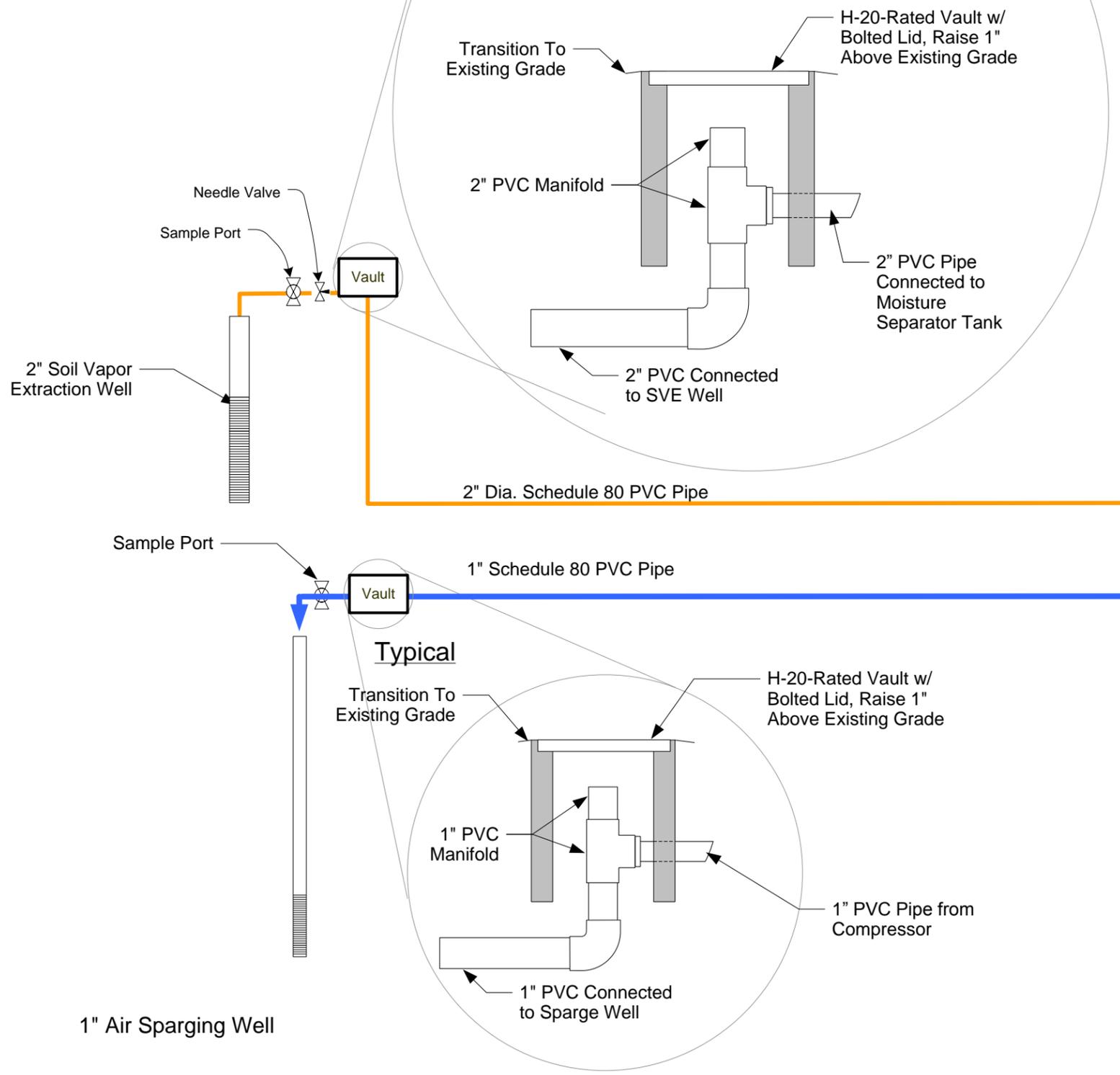


Property Diagram, AS/SVE System Layout
Former Thinker Toy Property
NE. 8th St.
Bellevue, Washington

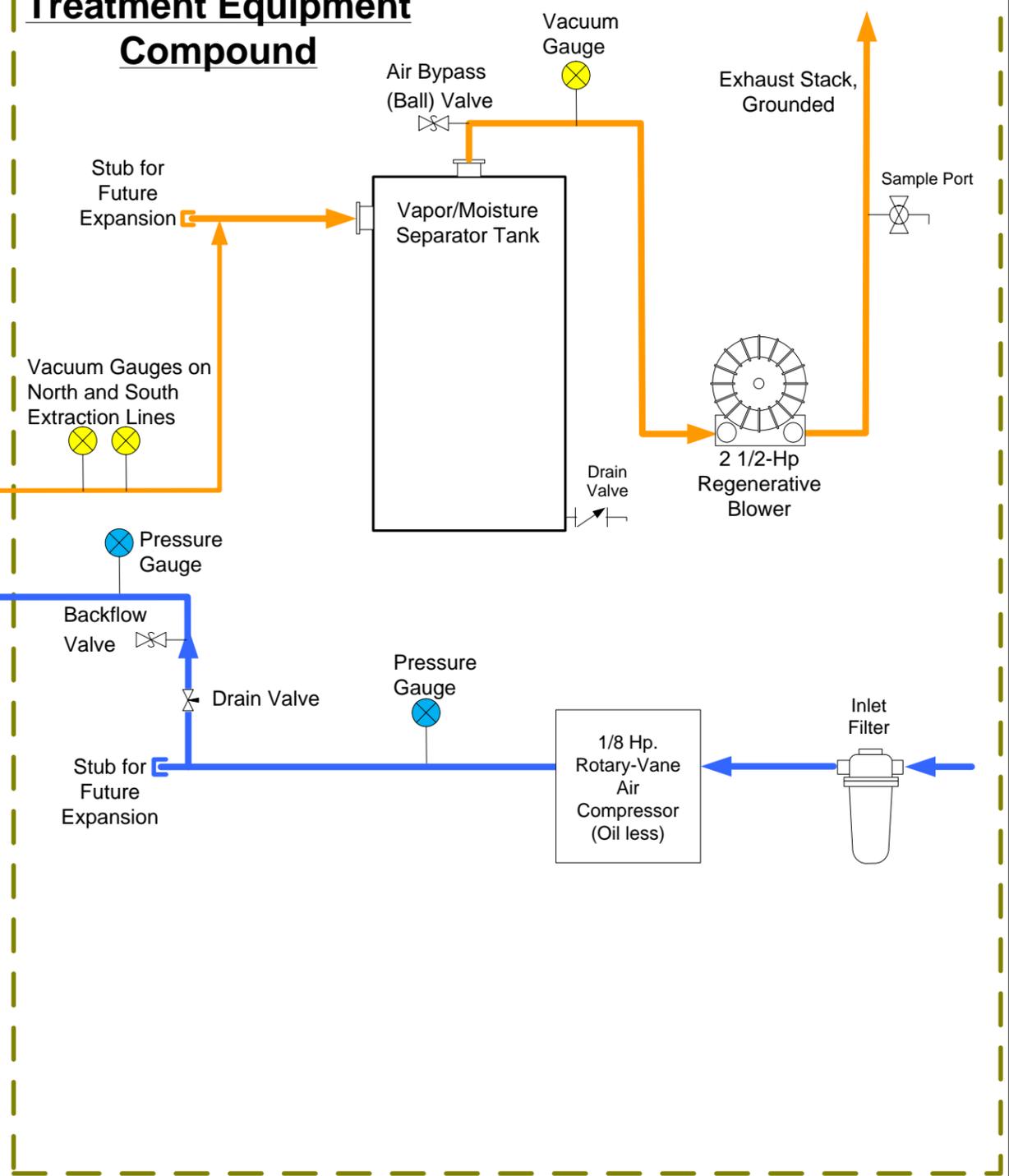
Figure
3

Project File: 01-0739-F F3.vsd

Treatment Area



Treatment Equipment Compound



Notes:

1. See Figures 4, 5, & 6 for physical layout of equipment and piping.
2. This diagram provides information regarding the logic and operation of the Treatment System Equipment and does not depict all electrical components or connection details.
3. Figure is prepared in color, black and white copies may not be suitable for viewing.

LEGEND

- Compressed Air Flow (in)
- Exhaust Air Flow (out)

Drawing Not To Scale

System Schematic Diagram
 Former Thinker Toys
 10610 SE 8th Street
 Bellevue, Washington

Figure
 4

Project File: 01-0739-F F4.vsd

TABLES

TABLE 1
Vapor Sample Analyses, Volatile Organic Compounds (1)
Former Thinker Toys (Bellevue)

Sample Location	Sample Date	Sample Number	trans-1,2-Dichloroethene	Chloroethane	Toluene	cis-1, 2-Dichloroethene	Trichloroethene (TCE)	Tetrachloroethene (PCE)	Chloroform	m, p-Xylene	1,1,1-Trichloroethane
(Units reported in ug/L)											
Exhaust Stack	12/7/2012	Ex Stack (T)	nd	nd	nd	1.32	1.29	21.4	nd	nd	nd
	12/28/2012	Ex Stack	nd	nd	nd	0.110	nd	28.0	nd	0.106	nd
	1/5/2013	Ex Stack	nd	nd	nd	0.103	nd	26.5	nd	nd	nd
	1/14/2013	Ex Stack (H)	nd	nd	nd	0.231	0.203	54.6	nd	nd	nd
	1/22/2013	Ex Stack	nd	nd	nd	0.169	0.169	64.7	nd	nd	nd
	1/31/2013	Ex Stack	nd	nd	nd	0.453	0.475	40.4	nd	nd	nd
	3/8/2013	Ex Stack	nd	nd	nd	nd	nd	19.4	nd	nd	nd
	4/10/2013	Ex Stack	nd	nd	nd	nd	nd	9.85	nd	nd	nd
	5/30/2013	Ex Stack	nd	nd	nd	nd	nd	8.0	nd	nd	nd
	6/11/2013	Ex Stack	nd	nd	nd	0.113	0.145	21.8	nd	nd	nd
	9/12/2013	Ex Stack	nd	nd	nd	nd	0.127	15.7	nd	nd	nd
	12/23/2013	Ex Stack	nd	nd	nd	nd	nd	4.65	nd	0.143	nd
	3/19/2014	Ex Stack Dup	nd	nd	nd	nd	nd	0.826	nd	nd	nd
6/19/2014	Ex Stack	nd	nd	nd	nd	nd	2.24	nd	nd	nd	
SVE-1	1/31/2013	SVE-1	nd	nd	0.123	1.06	0.445	10.8	nd	nd	nd
	3/8/2013	SVE-1	nd	nd	nd	nd	0.147	14.0	nd	nd	nd
	4/10/2013	SVE-1	nd	nd	nd	0.271	0.289	22.8	nd	nd	nd
	5/30/2013	SVE-1	nd	nd	nd	0.333	nd	16.4	nd	nd	nd
	6/11/2013	SVE-1	nd	nd	nd	0.313	0.363	37.7	nd	nd	nd
	9/12/2013	SVE-1	nd	nd	nd	0.133	0.176	18.4	nd	nd	nd
	12/23/2013	SVE-1	nd	nd	nd	nd	nd	12.8	nd	nd	nd
	3/19/2014	SVE-1	nd	nd	nd	nd	nd	2.73	nd	nd	nd
6/19/2014	SVE-1	nd	nd	nd	nd	nd	1.72	nd	nd	nd	
SVE-2	1/31/2013	SVE-2	nd	nd	0.132	1.04	0.466	5.64	nd	0.190	nd
	3/8/2013	SVE-2	nd	nd	nd	nd	nd	6.82	nd	nd	nd
	4/10/2013	SVE-2	nd	nd	nd	nd	nd	6.55	nd	nd	nd
	5/30/2013	SVE-2	nd	nd	nd	nd	nd	6.27	nd	nd	nd
	6/11/2013	SVE-2	nd	nd	nd	nd	nd	10.6	nd	nd	nd
	9/12/2013	SVE-2	nd	nd	nd	nd	nd	4.82	nd	nd	nd
	12/23/2013	SVE-2	nd	nd	nd	nd	nd	7.04	nd	nd	nd
	3/19/2014	SVE-2	nd	nd	nd	nd	nd	1.98	nd	nd	nd
6/19/2014	SVE-2	nd	nd	nd	nd	nd	0.316	nd	nd	nd	
SVE-3	1/31/2013	SVE-3	nd	nd	0.125	1.03	0.460	15.8	nd	nd	nd
	3/8/2013	SVE-3	nd	nd	nd	1.07	0.553	13.6	nd	nd	nd
	4/10/2013	SVE-3	nd	nd	nd	0.340	0.426	14.2	nd	nd	nd
	5/30/2013	SVE-3	nd	nd	nd	1.08	0.494	14.8	nd	nd	nd
	6/11/2013	SVE-3	nd	nd	nd	3.14	1.74	36.7	nd	nd	nd
	9/12/2013	SVE-3	nd	nd	nd	0.989	0.495	15.8	nd	nd	nd
	12/23/2013	SVE-3	nd	nd	nd	nd	0.261	21.2	nd	nd	nd
	3/19/2014	SVE-3	nd	nd	nd	nd	nd	3.60	nd	nd	nd
6/19/2014	SVE-3	nd	nd	nd	nd	nd	2.15	nd	nd	nd	
SVE-4	1/31/2013	SVE-4	nd	nd	0.125	0.981	0.546	18.3	nd	nd	nd
	3/8/2013	SVE-4	nd	nd	nd	0.853	3.380	70.5	nd	nd	nd
	4/10/2013	SVE-4	nd	nd	nd	1.29	12.1	191	nd	nd	nd
	5/30/2013	SVE-4	nd	nd	nd	0.40	2.52	78.2	nd	nd	nd
	6/11/2013	SVE-4	nd	nd	nd	0.240	1.70	21.0	nd	nd	nd
	9/12/2013	SVE-4	nd	nd	nd	2.74	15.3	493	nd	nd	nd
	12/23/2013	SVE-4	nd	nd	nd	0.890	10.8	199	nd	nd	nd
	3/19/2014	SVE-4	nd	nd	nd	nd	nd	4.77	nd	nd	nd
6/19/2014	SVE-4	nd	nd	nd	nd	nd	0.195	nd	nd	nd	

TABLE 1
Vapor Sample Analyses, Volatile Organic Compounds (1)
Former Thinker Toys (Bellevue)

Sample Location	Sample Date	Sample Number									
			trans-1,2-Dichloroethene	Chloroethane	Toluene	cis-1, 2-Dichloroethene	Trichloroethene (TCE)	Tetrachloroethene (PCE)	Chloroform	m, p-Xylene	1,1,1-Trichloroethane
(Units reported in ug/L)											
SVE-5	1/31/2013	SVE-5	nd	nd	0.147	0.62	1.06	45.0	nd	nd	nd
	3/8/2013	SVE-5	nd	nd	nd	0.46	0.66	55.2	nd	nd	nd
	4/10/2013	SVE-5	nd	nd	nd	0.934	1.40	38.1	nd	nd	nd
	5/30/2013	SVE-5	nd	0.222	nd	nd	0.473	33.3	nd	nd	nd
	6/11/2013	SVE-5	0.458	nd	nd	5.87	9.23	238	nd	nd	nd
	9/12/2013	SVE-5	0.224	nd	nd	4.04	8.7	1,720	0.135	nd	0.262
	12/23/2013	SVE-5	nd	nd	nd	2.26	3.5	472	nd	nd	nd
	3/19/2014	SVE-5	nd	nd	nd	nd	nd	6.07	nd	nd	nd
	6/19/2014	SVE-5	nd	nd	nd	nd	nd	0.806	nd	nd	nd
SVE-6	1/31/2013	SVE-6	nd	nd	0.130	0.246	0.716	77.6	nd	nd	nd
	3/8/2013	SVE-6	nd	nd	nd	nd	0.257	307	nd	nd	nd
	4/10/2013	SVE-6	nd	nd	nd	0.204	0.471	240	nd	nd	nd
	5/30/2013	SVE-6	nd	nd	nd	nd	nd	47.4	nd	nd	nd
	6/11/2013	SVE-6	nd	nd	nd	0.284	1.21	370	nd	nd	nd
	9/12/2013	SVE-6	nd	nd	nd	0.287	0.748	238	nd	nd	nd
	12/23/2013	SVE-6	nd	nd	nd	0.153	0.290	55.3	nd	nd	nd
	3/19/2014	SVE-6	nd	nd	nd	nd	0.159	11.5	nd	nd	nd
	6/19/2014	SVE-6	nd	nd	nd	nd	nd	1.2	nd	nd	nd
SVE-7	1/31/2013	SVE-7	nd	nd	0.139	0.388	0.712	57.2	nd	0.187	nd
	3/8/2013	SVE-7	nd	nd	nd	0.591	7.500	165.0	nd	nd	nd
	4/10/2013	SVE-7	nd	nd	nd	nd	0.688	22.9	nd	nd	nd
	5/30/2013	SVE-7	nd	nd	nd	nd	nd	6.0	nd	nd	nd
	6/11/2013	SVE-7	nd	nd	nd	nd	1.72	89.0	nd	nd	nd
	9/12/2013	SVE-7	nd	nd	nd	0.570	16.2	330	nd	nd	nd
	12/23/2013	SVE-7	nd	nd	nd	0.244	6.1	102	nd	nd	nd
	3/19/2014	SVE-7	nd	nd	nd	nd	1.34	18.6	nd	nd	nd
	6/19/2014	SVE-7	nd	nd	nd	nd	0.664	3.10	nd	nd	nd
SVE-8	1/31/2013	SVE-8	nd	nd	0.134	0.349	0.373	19.7	nd	0.203	nd
	3/8/2013	SVE-8	nd	nd	nd	nd	0.108	6.9	nd	nd	nd
	4/10/2013	SVE-8	nd	nd	nd	nd	nd	4.8	nd	nd	nd
	5/30/2013	SVE-8	nd	nd	nd	nd	nd	4.75	nd	nd	nd
	6/11/2013	SVE-8	nd	nd	nd	nd	0.175	31.6	nd	nd	nd
	9/12/2013	SVE-8	nd	nd	nd	nd	0.243	26.3	nd	nd	nd
	12/23/2013	SVE-8	nd	nd	nd	nd	nd	1.3	nd	nd	nd
	3/19/2014	SVE-8	nd	nd	nd	nd	0.391	10.5	nd	nd	nd
	6/19/2014	SVE-8	nd	nd	nd	nd	0.163	2.08	nd	nd	nd
SVE-9	1/31/2013	SVE-9	nd	nd	0.123	0.312	0.256	14.4	nd	nd	nd
	3/8/2013	SVE-9	nd	nd	nd	nd	nd	17.2	nd	nd	nd
	4/10/2013	SVE-9	nd	nd	nd	nd	nd	6.20	nd	nd	nd
	5/30/2013	SVE-9	nd	0.222	nd	nd	nd	13.7	nd	nd	nd
	6/11/2013	SVE-9	nd	nd	nd	nd	nd	15.2	nd	nd	nd
	9/12/2013	SVE-9	nd	nd	nd	nd	0.441	39.4	nd	nd	nd
	12/23/2013	SVE-9	nd	nd	nd	nd	nd	1.58	nd	nd	nd
	3/19/2014	SVE-9	nd	nd	nd	nd	0.158	6.32	nd	nd	nd
	6/19/2014	SVE-9	nd	nd	nd	nd	nd	0.603	nd	nd	nd
		RL	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

Notes: Refer to site diagram(s) for sampling locations.
 (1) Method EPA 8260B, Other 8260 Compounds not listed were not detected.
 H Holding times for preparation or analysis exceeded.
 nd The concentration is less than the given laboratory detection limit.
 --- Not Analyzed - No Sample Collected
 4.8 Bold Number(s) Indicates Contaminant Detected.
 RL Laboratory Reporting Limits for EPA Method 8260
 (T) Sample analysis performed by EPA Method TO-15 (ug/m3), results were converted to match EPA Method 8260 (ug/L). Detected analytes shown with nd were below typical Method 8260 reporting limits. Other compounds not listed also were below typical Method 8260 reporting limits.
 dup Duplicate Sample
 Most Recent Sample

TABLE 2
Groundwater Elevation Measurements
Former Thinker Toys Property Properties
10610 Northeast 8th Street Bellevue WA

Location Designation	Measured by	Well Installation Date	Elevation Monument Rim (ft.)	Elevation Top of PVC Casing (ft.)	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated Elevations (ft.)
MW-1	Farallon	4/19/10	161.37	161.04	15	30	2	5/3/10	13.58	147.46
	Farallon							08/23/10	14.45	146.59
	G-logics							09/13/13	15.92	145.12
	G-logics							12/20/13	16.74	144.30
	G-logics							03/19/14	13.97	147.07
	G-logics							06/19/14	13.50	147.54
MW-2	Farallon	4/19/10	159.53	159.08	15	30	2	5/3/10	11.70	147.38
	Farallon							08/23/10	13.35	145.73
	G-logics							09/13/13	13.75	145.33
	G-logics							12/20/13	14.24	144.84
	G-logics							03/19/14	11.78	147.30
	G-logics							06/19/14	11.52	147.56
MW-3	Farallon	4/19/10	161.26	160.88	15	30	2	5/3/10	15.80	145.08
	Farallon							08/23/10	16.11	144.77
	G-logics							09/13/13	12.20	148.68
	G-logics							12/20/13	17.99	142.89
	G-logics							03/19/14	15.81	145.07
	G-logics							06/19/14	14.45	146.43
MW-4	Farallon	4/20/10	157.77	157.44	15	30	2	5/3/10	17.01	140.43
	Farallon							08/23/10	17.45	139.99
	G-logics							09/13/13	17.38	140.06
	G-logics							12/20/13	18.40	139.04
	G-logics							03/19/14	16.28	141.16
	G-logics							06/19/14	16.45	140.99
MW-5	Farallon	4/20/10	158.60	158.60	15	30	2	5/3/10	19.54	139.06
	Farallon							08/23/10	20.25	138.35
	G-logics							09/13/13	19.98	138.62
	G-logics							12/20/13	24.02	134.58
	G-logics							03/19/14	19.51	139.09
	G-logics							06/19/14	18.05	140.55
MW-6	Farallon	4/20/10	159.28	159.00	15	30	2	5/3/10	19.55	139.45
	Farallon							08/23/10	20.13	138.87
	G-logics							09/13/13	20.02	138.98
	G-logics							12/20/13	23.72	135.28
	G-logics							03/19/14	19.18	139.82
	G-logics							06/19/14	17.73	141.27

TABLE 2
Groundwater Elevation Measurements
Former Thinker Toys Property Properties
10610 Northeast 8th Street Bellevue WA

Location Designation	Measured by	Well Installation Date	Elevation Monument Rim (ft.)	Elevation Top of PVC Casing (ft.)	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated Elevations (ft.)
MW-7S	Farallon	8/4/10	159.28	159.51	15	30	2	8/23/10	18.08	141.43
	G-logics							09/13/13	18.28	141.23
	G-logics							12/20/13	18.77	140.74
	G-logics							03/19/14	17.25	142.26
	G-logics							06/19/14	16.17	143.34
MW-8	Farallon	8/6/10	160.71	160.25	15	30	2	8/23/10	11.55	148.70
	G-logics							09/13/13	13.20	147.05
	G-logics							12/20/13	12.74	147.51
	G-logics							03/19/14	12.08	148.17
	G-logics							06/19/14	12.08	148.17
MW-9	Farallon	8/5/10	160.65	160.08	15	30	2	8/23/10	12.33	147.75
	G-logics							09/13/13	13.65	147.15
	G-logics							12/20/13	14.00	146.80
	G-logics							03/19/14	10.83	149.97
	G-logics							06/19/14	10.56	150.24
MW-10	Farallon	8/5/10	160.32	159.93	15	30	2	8/23/10	13.55	146.38
	G-logics							09/13/13	14.05	145.88
	G-logics							12/20/13	14.46	145.47
	G-logics							03/19/14	11.58	148.35
	G-logics							06/19/14	11.79	148.14
MW-13	Farallon	8/6/10	162.26	161.71	15	30	2	8/23/10	18.77	142.94
	G-logics							09/13/13	19.55	142.16
	G-logics							12/20/13	20.24	141.47
	G-logics							03/19/14	18.65	143.06
	G-logics							06/19/14	16.33	145.38
MW-14	Farallon	8/11/10	163.30	162.96	15	30	2	8/23/10	15.79	147.17
	G-logics							09/13/13	18.25	144.71
	G-logics							12/20/13	22.23	140.73
	G-logics							03/19/14	17.98	144.98
	G-logics							06/19/14	15.54	147.42
MW-15	Farallon	8/4/10	158.31	157.76	15	30	2	8/23/10	18.86	138.90
	G-logics							09/13/13	19.10	138.66
	G-logics							12/20/13	21.21	136.55
	G-logics							03/19/14	18.06	139.70
	G-logics							06/19/14	17.17	140.59

Notes:
Elevation Datum reported as mean sea level, vertical datum NAVD 88.

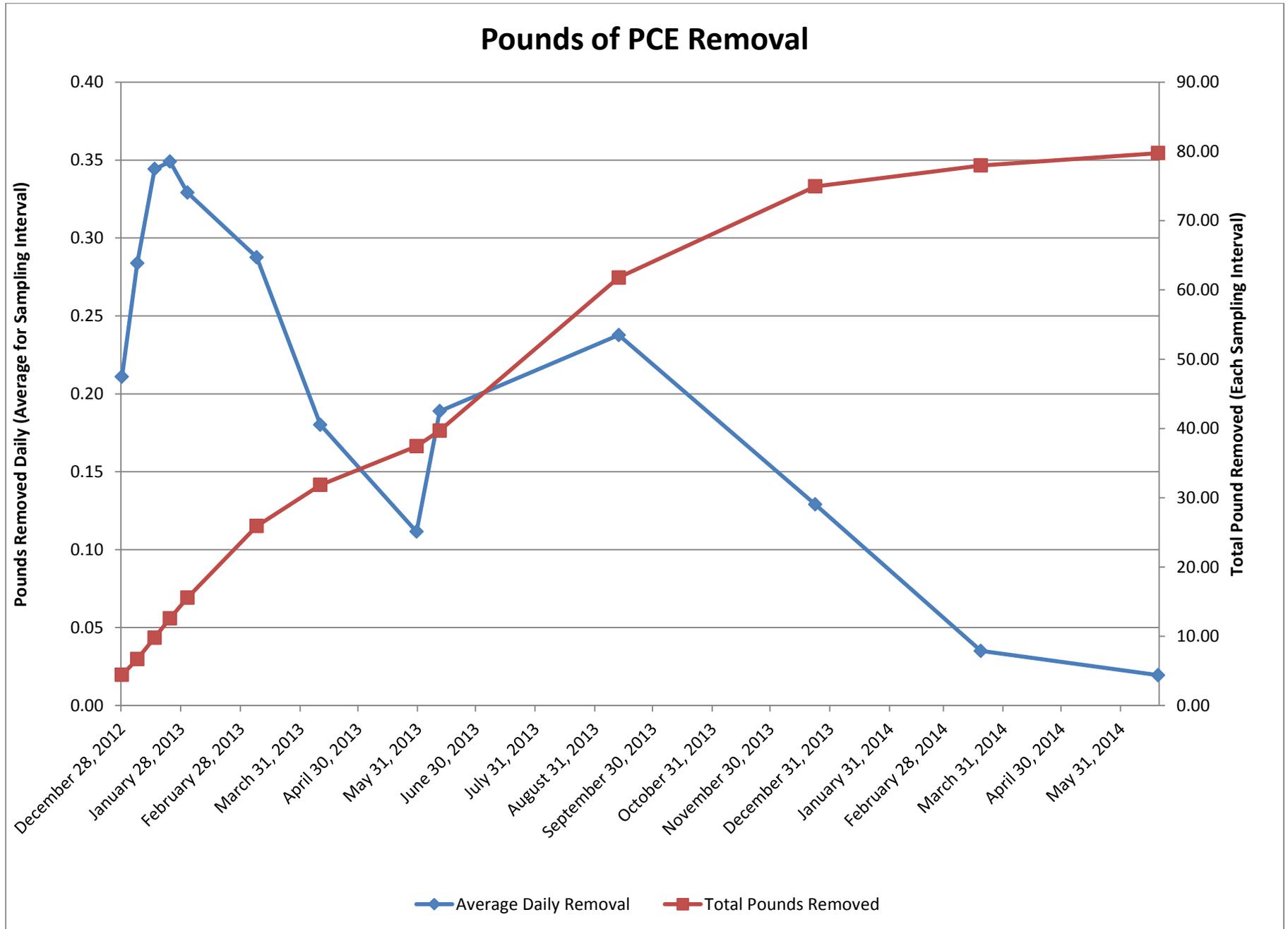
Table 3
Vapor Contaminant Removal Summary Calculations
Former Thinker Toys (Bellevue)
Tetrachloroethene (PCE) Removal

Period Start Date	Period End Date	Pounds Removed During Period	Elapsed Days During Period	Pounds Removed Daily (Average for Sampling Interval)
December 7, 2012	December 28, 2012	4.43	21	0.21
December 28, 2012	January 5, 2013	2.27	8	0.28
January 5, 2013	January 14, 2013	3.10	9	0.34
January 14, 2013	January 22, 2013	2.79	8	0.35
January 22, 2013	January 31, 2013	2.96	9	0.33
January 31, 2013	March 8, 2013	10.35	36	0.29
March 8, 2013	April 10, 2013	5.94	33	0.18
April 10, 2013	May 30, 2013	5.58	50	0.11
May 30, 2013	June 11, 2013	2.27	12	0.19
June 11, 2013	September 12, 2013	22.10	93	0.24
September 12, 2013	December 23, 2013	13.16	102	0.13
December 23, 2013	March 19, 2014	3.01	86	0.04
March 19, 2014	June 19, 2014	1.79	92	0.02
*Total Pounds Removed:		79.75		
Total Days of Operation:		559.00		
Average Pounds Per Day Removed:		0.14		

* Quantity removed from start of operation to last day of sample collection.

GRAPHS

Graph 1
Former Thinker Toys



Graph 2
Former Thinker Toys

Plotted Groundwater Elevations

