g-logics

Logical Solutions for Complex Problems

February 25, 2013
G-Logics Project Number 01-0739-B

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

Subject: Interim Action Report
Former Drycleaner Location
10610 NE 8th
Bellevue, WA

Dear Mr. Nielson:

This report summarizes the Interim Action currently underway at the subject property (Figure 1). This action involves the startup and operation of an air sparge and soil-vapor extraction system. This work has been conducted in accordance with our Project Authorization letter to BV Holdings, LLC (BV), dated January 5, 2012. The location of previously mapped (on-property) contaminant concentrations, borings, wells, and interim-system design are shown on Figures 2 through 7.

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 building was used for various commercial uses, including a pet store and toy store (Thinker

G-Logics, Inc.
40 2nd Avenue SE
Issaquah, WA 98027
T: 425-391-6874
F: 425-313-3074

Toys) until 2007. In 2007, the building was demolished and the site was converted to its current use as a parking lot.

Several environmental investigations have been conducted on and off of the Property to evaluate contaminant impacts to soil and groundwater from release(s) of PCE. The results of a soil vapor survey conducted in 2009 by Farallon Consulting, LLC (Farallon) indicated chlorinated solvents on the Property. Two subsurface investigations conducted in 2010 by Farallon confirmed that the soil and groundwater on the Property were contaminated with chlorinated solvents.

The soil and groundwater contamination beneath the Property is associated with the dry cleaning facility that operated on the Property. The exact location of the dry cleaning equipment and disposal areas are unknown, however the highest concentrations of chlorinated solvents are located in the center of the Property.

In 2010 and 2011 2011, Sound Earth Strategies (SES) produced a Remedial Investigation/Feasibility Study (RI/FS) and an Interim Cleanup Action Plan (ICAP) for the Property. In the ICAP, contaminant concentrations in the subsurface were presented in plan and cross-section views.

In 2012, BV Holdings entered into a settlement agreement with Sterling Realty Organization (SRO). With this agreement, a Reasonable Interim Action was to be initiated on the Property. This interim action (Air Sparge and Vapor-Extraction System) was purposed to reduce contaminants migrating in groundwater to downgradient properties and to reduce concentrations of PCE in soils at the Property. Specifically, treatment systems were to be installed in areas where PCE concentrations were found to be greater than 1.9 mg/kg, in order to reduce soil concentrations such that when these soils were excavated (as part of a future site development) they could be disposed as a “Contained-In” waste, subject to Ecology approval.

Interim Action

Based on the contaminant-distribution information presented in the ICAP, as summarized in Figures 2 and 3 of this report, G-Logics installed an interim-remediation system on the Property. Construction of the interim system was initiated in October 2012 after obtaining necessary permits. The system consists of 3 air-sparge (AS) wells and 9 soil-vapor extraction (SVE) wells (boring locations are shown on Figure 4).

During the installation of the wells (November 2012), soil samples were collected, visually reviewed, and screened for the presence of volatile organic compounds using a photoionization detector (PID). PID readings are noted on the boring logs, attached in Appendix A. Select soil samples were submitted for laboratory analysis. Analytical results from the submitted soil samples can be reviewed on Table 1, with interpretations presented on Figure 5. Sampling and field methods employed during this work can be reviewed in Appendix B.

AS/SVE System Summary

The AS/SVE equipment primarily consists of one rotary-vane compressor, one regenerative blower, and related electrical and moisture-control equipment. This equipment is housed in a wood-frame shed building identified as the Treatment Compound (Figure 6). The rotary-vane compressor is used to inject air into the subsurface to volatilize contaminants in the saturated soil and groundwater (the AS portion of the system). The regenerative blower produces a vacuum to remove subsurface vapors from the vadose zone (the SVE portion of the system).

Underground piping that originates at the treatment compound directs compressed air to a manifold system installed in the "South Vault." At this location, distribution piping extends to the 3 individual AS wells. Similarly, a vacuum line extends from the treatment compound to the South Vault, where another manifold system directs vacuum to SVE wells 5 through 9. A second vacuum line extends from the treatment compound to the "North Vault", where a manifold system directs vacuum to SVE wells 1 through 4. A representation of the connecting lines and the vaults is shown on Figure 6. A schematic of the treatment equipment is presented on Figure 7.

Subsurface Vapor Sampling

With the startup of the system on December 7, 2012, air samples have been collected periodically from the exhaust of the treatment system. These samples and flow measurements document the volumes and concentrations of the contaminant discharged. All air samples are analyzed for volatile organic compounds (VOCs) by EPA Method 8260, specifically for cleaning solvents related to the former dry cleaning operations such as Tetrachloroethene (PCE).

Additionally, vapor samples were collected from each SVE well to establish baseline vapor concentrations. These baseline concentrations will be compared to vapor samples collected in the future. These planned comparisons are intended to document reductions in

contaminant concentrations, as an indicator of the system's effectiveness. A summary of analytical results from the collected air samples can be reviewed on Table 2. The laboratory analytical report is attached in Appendix B.

Contaminant Vapor Discharge

The Puget Sound Clean Air Agency (PSCAA) provides regulation and guidance for facilities that discharged contaminants to the atmosphere in the Puget Sound region. PSCAA regulations allow for the annual discharge of up to 15 pounds of Vinyl Chloride, 500 pounds of PCE, and 1,000 pounds of other contaminant vapors before the facility must obtain a permit for atmospheric discharge.

As shown on Table 3, it is estimated that 15.5 pounds of PCE have been discharged as of January 31, 2013. Using these calculations and assuming there is a steady state of contaminant-vapor discharge, it is predicted that approximately 103 pounds of PCE contaminants could be discharged during the first one-year period. With this estimated discharge, the remediation system would not require a permit from PSCAA.

Summary

G-Logics completed the installation and has begun operation of the interim-action AS/SVE system on the subject property. Vapor samples have been collected periodically to assess contaminant-vapor discharges. Discrete samples from the SVE wells also have been collected to provide baseline-contaminant concentrations.

Limitations

The conclusions presented in this report are our professional opinions based solely upon our visual observations and field screening during the described work and the analysis of the soil and vapor samples collected. The results and conclusions are intended exclusively for the purpose outlined herein and for the site location and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our assessment and do not necessarily apply to future changes or other prior conditions at the site of which G-Logics, Inc. is not aware and has not had the opportunity to evaluate. Our scope of work was limited to those items specifically identified in this report. Other activities not specifically included in the presented scope of work (in a workplan, correspondence, or this report) are excluded and are therefore not part of our services.

The property owner is solely responsible for notifying all governmental agencies, and the public at large, of the existence, release, treatment, or disposal of any hazardous materials

observed at the project site. G-Logics assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials.

This report is prepared for the sole use of our client. The scope of services performed may not be appropriate for the needs of other users, and re-use of this document or the findings, conclusions, or recommendations presented herein is at sole risk of said user(s). Any party other than our client who would like to use this report shall notify G-Logics of such intended use by executing the "Permission and Conditions for Use and Copying" contained in this document. Based on the intended use of the report, G-Logics may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements will release G-Logics from any liability resulting from the use of this report by any unauthorized party.

No warranty, either express or implied, is made.

Closing

G-Logics appreciates the opportunity to provide our services to BV Holdings, LLC. Should you have any questions regarding this report, please contact us at your convenience.

Sincerely,
G-Logics, Inc.

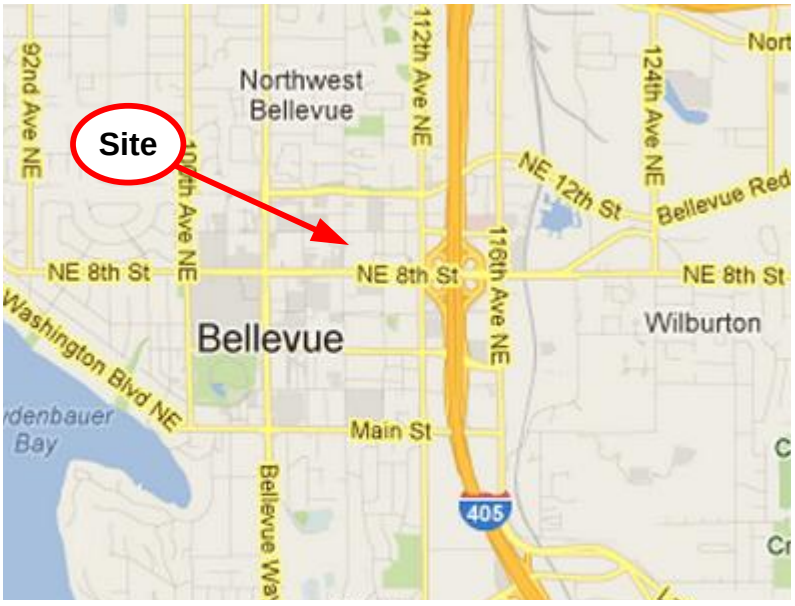
Rory Galloway
Principal

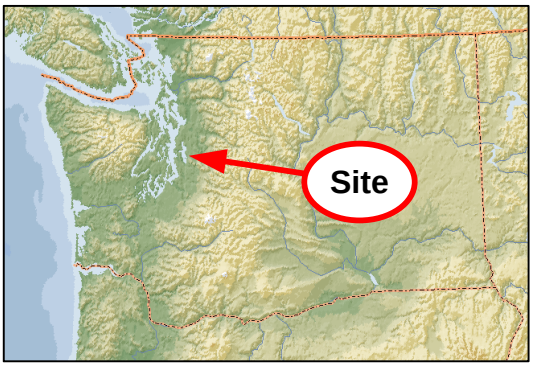
Dan Hatch
Remediation Manager

Attachments: Figure 1 – Site Location Maps
Figure 2 – Site Diagram, PCE Concentration Map
Figure 3 – Cross Section A to A', PCE Soil Concentration
Figure 4 – Site Diagram, AS/SVE Well Locations
Figure 5 – Cross Section A to A', AS/SVE Well Locations

ATTACHMENTS

FIGURES





g-logics

Site Location Maps

Former Thinker Toy Property

10610 NE 8th Street

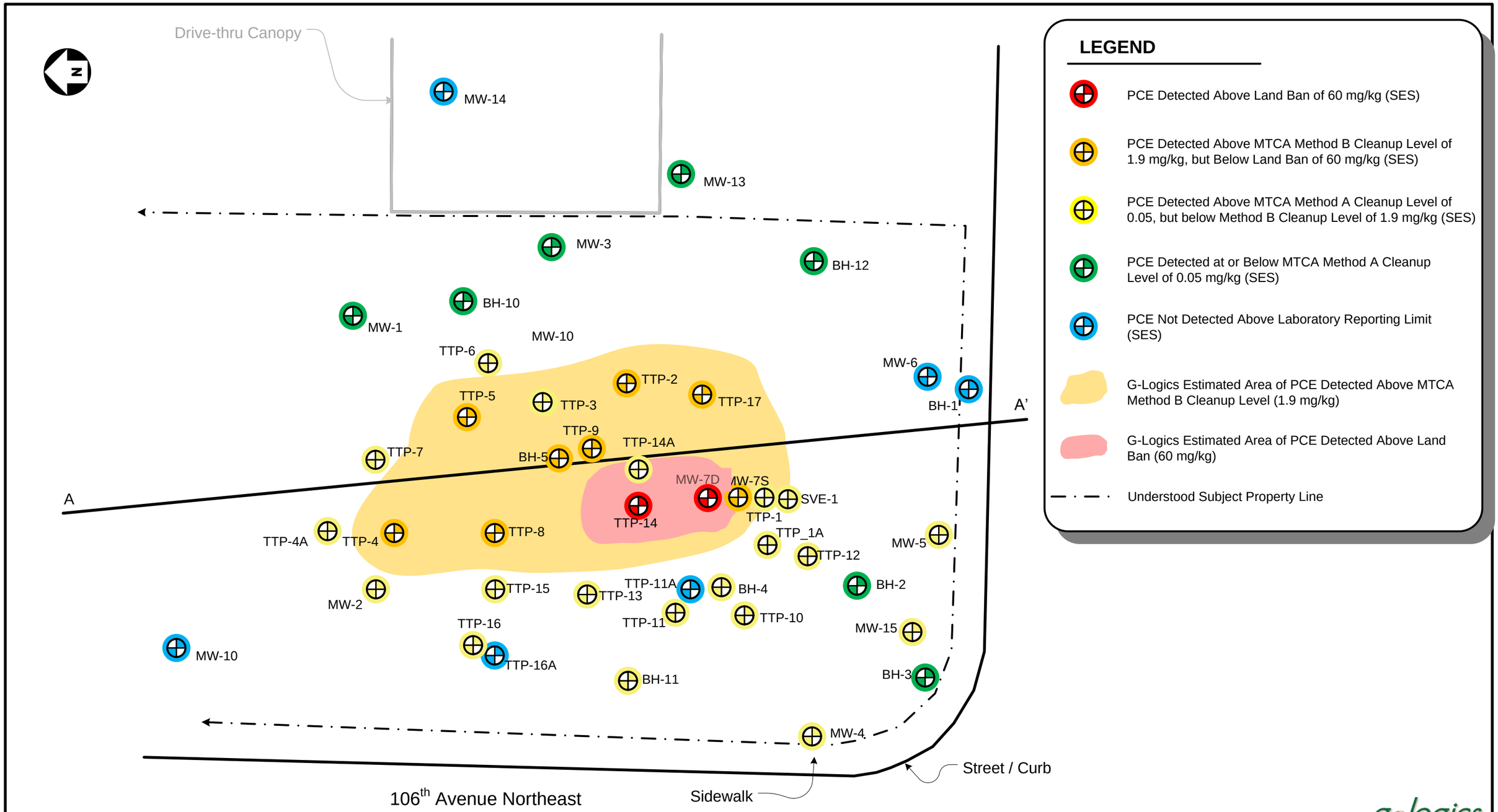
Bellevue, Washington

Figure

1

Project File: 01-0739-B F1.vsd

Mapping Reference: Google, Bing Maps



LEGEND

- PCE Detected Above Land Ban of 60 mg/kg (SES)
- PCE Detected Above MTCA Method B Cleanup Level of 1.9 mg/kg, but Below Land Ban of 60 mg/kg (SES)
- PCE Detected Above MTCA Method A Cleanup Level of 0.05, but below Method B Cleanup Level of 1.9 mg/kg (SES)
- PCE Detected at or Below MTCA Method A Cleanup Level of 0.05 mg/kg (SES)
- PCE Not Detected Above Laboratory Reporting Limit (SES)
- G-Logics Estimated Area of PCE Detected Above MTCA Method B Cleanup Level (1.9 mg/kg)
- G-Logics Estimated Area of PCE Detected Above Land Ban (60 mg/kg)
- Understood Subject Property Line

Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

This figure contains information in color. Black & white photocopies may not be suitable for review.

Site Diagram, PCE Concentrations in Soil (SES)

Former Thinker Toy Property

NE. 8th St.

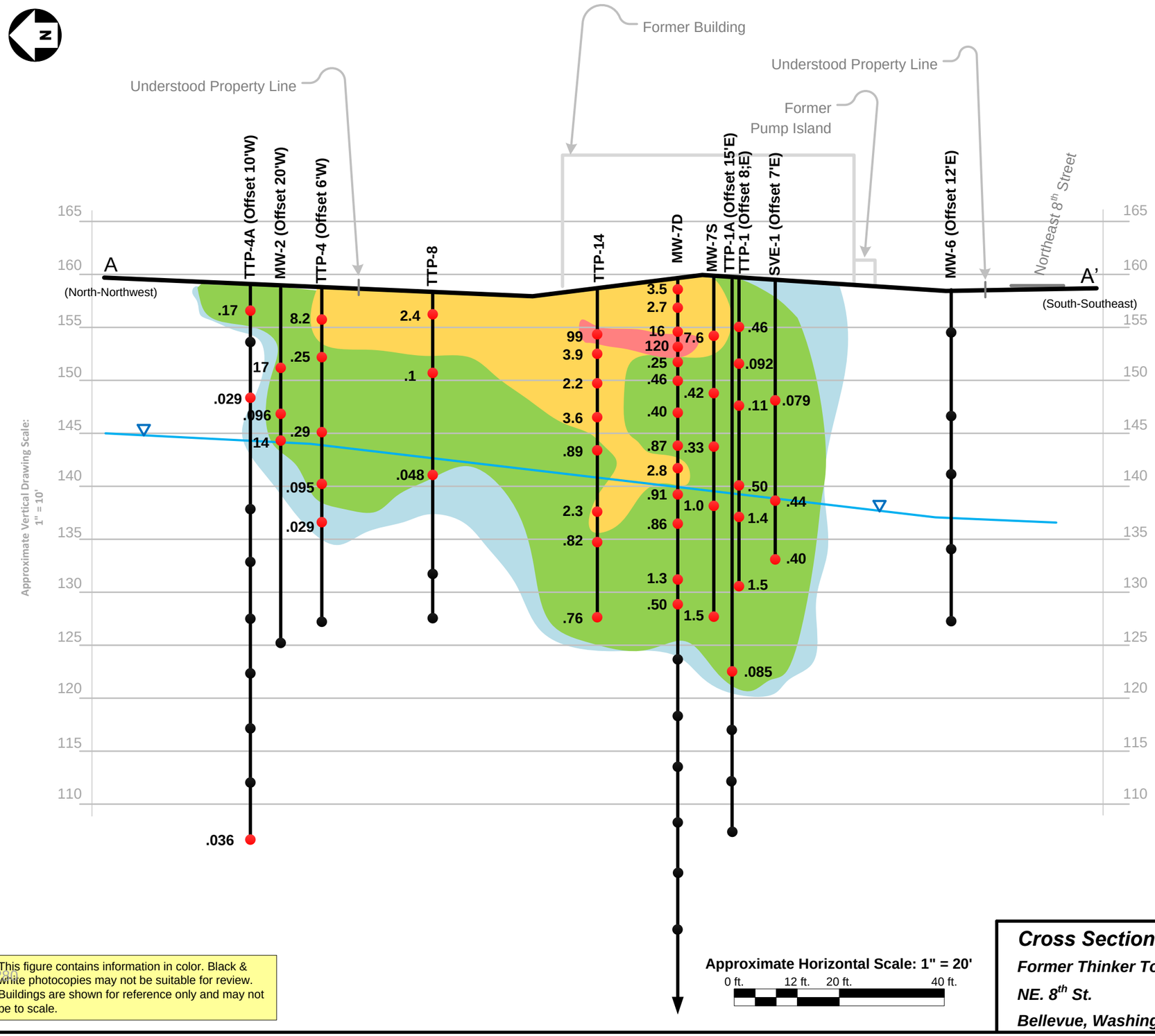
Bellevue, Washington

Figure 2

g-logics

Project File: 01-0739-B F2.vsd

Mapping Reference: SES RI/FS (2011), G-Logics Site Measurements



LEGEND

- Understood Groundwater Depth (SES, August 23, 2010)
- PCE Concentrations Less than 0.05 mg/kg (SES)
- PCE Concentrations Greater than 0.05 mg/kg (SES)
- PCE Concentrations Greater than 1.9 mg/kg (SES)
- PCE Concentrations Greater than 60 mg/kg (SES)
- PCE – No Detectable Concentration (SES)
- PCE – Detected, Concentrations noted to the side (SES)

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.

Cross Section A to A', PCE Soil Concentration (SES)

Former Thinker Toy Property

NE. 8th St.

Bellevue, Washington

Figure 3

Project File: 01-0739-B F3.vsd

Mapping Reference: Sound Earth Strategies, RI/FS 2011, G-Logics Site Measurements

Drive-thru Canopy

Parking Stall Lines (Typical)

Existing Underground Electrical Vault

Treatment Equipment Compound

Existing 480V Power Trench

GL-SVE-1
GL-SVE-2
GL-SVE-3
GL-SVE-4
GL-SVE-5
GL-SVE-6
GL-SVE-7
GL-SVE-8
GL-SVE-9
GL-AS-1
GL-AS-2
GL-AS-3

A

A’

106th Avenue Northeast

LEGEND

- Air Sparge Point – 28' Deep (3' Screens)
- Soil-Vapor Extraction Well 8' - 18' Deep (3' to 5' Screens)
- G-Logics Estimated Area of PCE Detected Above MTCA Method B Cleanup Level (1.9 mg/kg)
- G-Logics Estimated Area of PCE Detected Above Land Ban (60 mg/kg)
- Underground Power Line (480V)
- Understood Subject Property Line

Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

This figure contains information in color. Black & white photocopies may not be suitable for review.

Site Diagram, AS/SVE Well Locations (G-Logics)

Former Thinker Toy Property

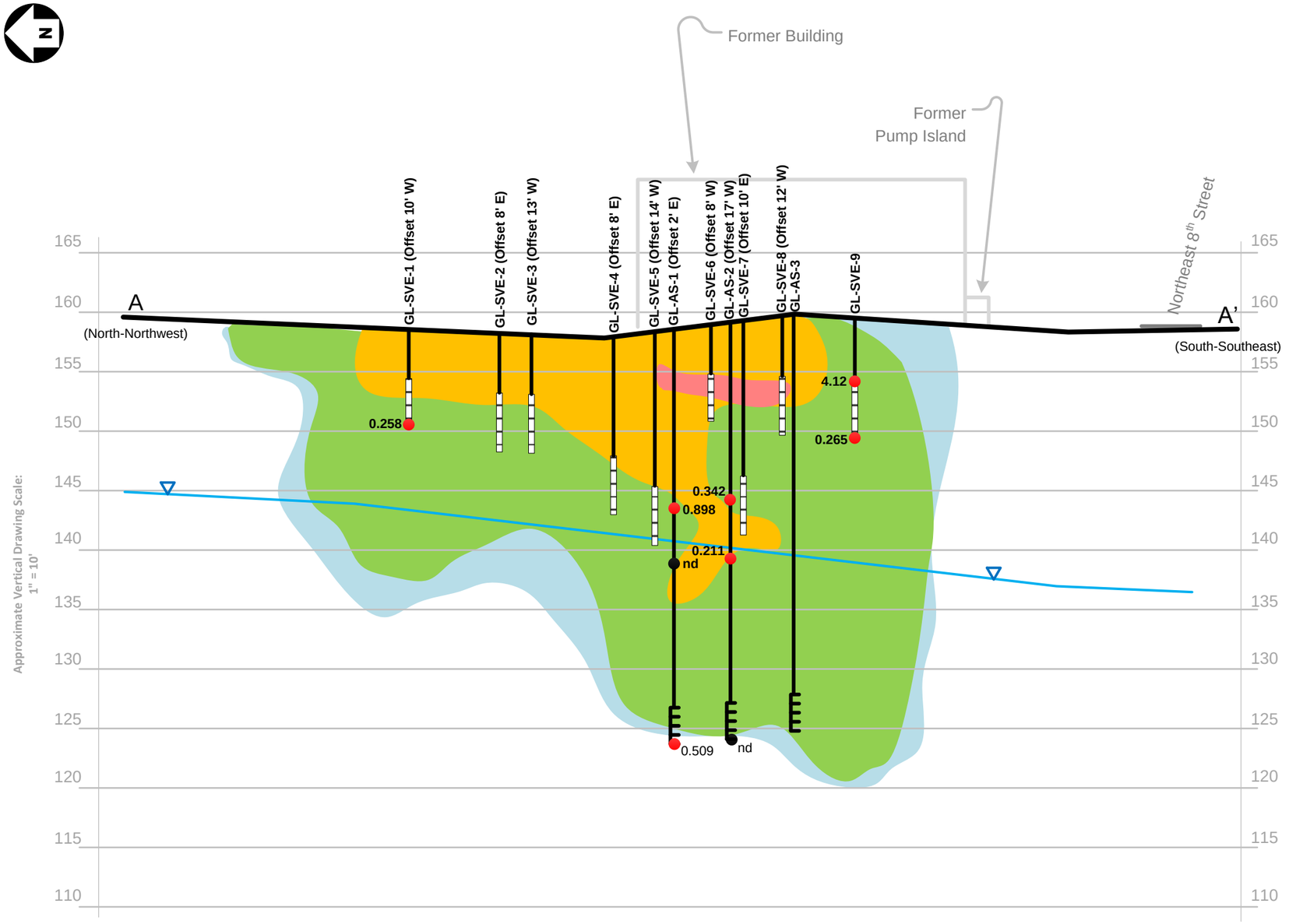
NE. 8th St.

Bellevue, Washington

Figure 4

Project File: 01-0739-B F4.vsd

Mapping Reference: SES RI/FS (2011), G-Logics Site Measurements



LEGEND

- Understood Groundwater Depth (SES, August 23, 2010)
- PCE Concentrations Less than 0.05 mg/kg (SES)
- PCE Concentrations Greater than 0.05 mg/kg (SES)
- PCE Concentrations Greater than 1.9 mg/kg (SES)
- PCE Concentrations Greater than 60 mg/kg (SES)
- PCE – No Detectable Concentration (G-Logics)
- PCE – Detected, Concentrations noted to the side (G-Logics)
- Sparge Point, 1" Schedule 40 PVC (20 slot), 3' screen length
- Vapor Extraction Point, 2" Schedule 40 PVC, screen lengths are well specific 3' to 5' (20 slot)

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'

0 ft. 12 ft. 20 ft. 40 ft.

Cross Section A to A', AS-SVE Wells (G-Logics)

Former Thinker Toy Property

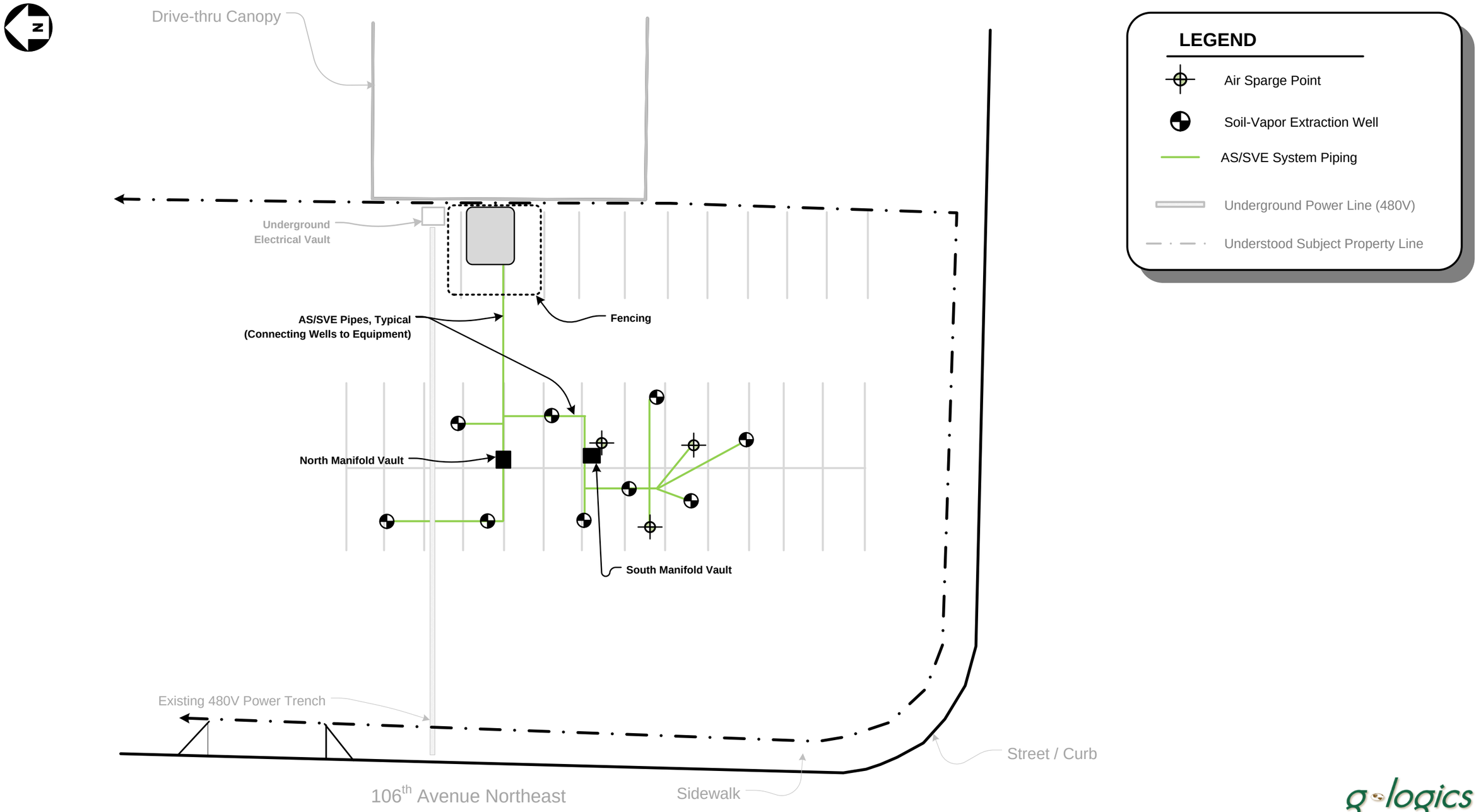
NE. 8th St.

Bellevue, Washington

Figure 5

Project File: 01-0739-B F5.vsd

Mapping Reference: SES RI/FS (2011), G-Logics Site Measurements (2012)



Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

This figure contains information in color. Black & white photocopies may not be suitable for review.

Site Diagram, AS/SVE System Layout (G-Logics)

Former Thinker Toy Property

NE. 8th St.

Bellevue, Washington

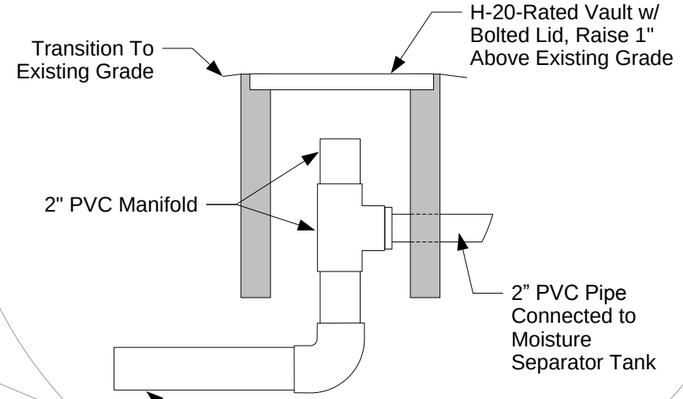
Figure 6

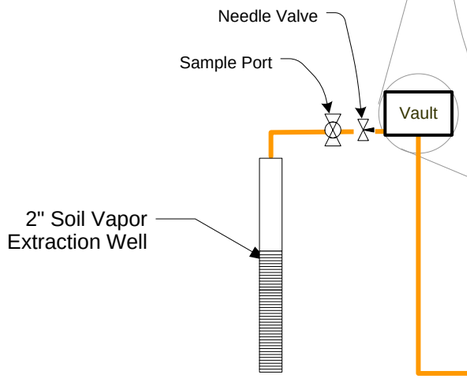
Project File: 01-0739-B F6.vsd

Mapping Reference: SES RI/FS (2011), G-Logics Site Measurements

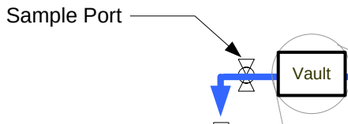
Treatment Area

Typical



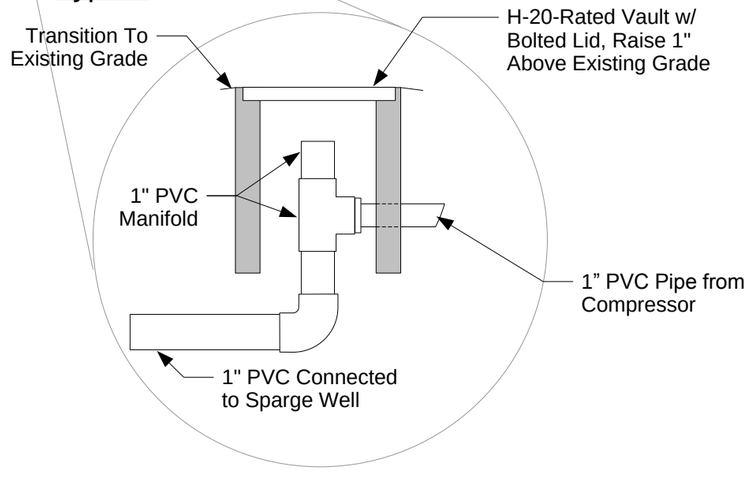


2" Dia. Schedule 80 PVC Pipe



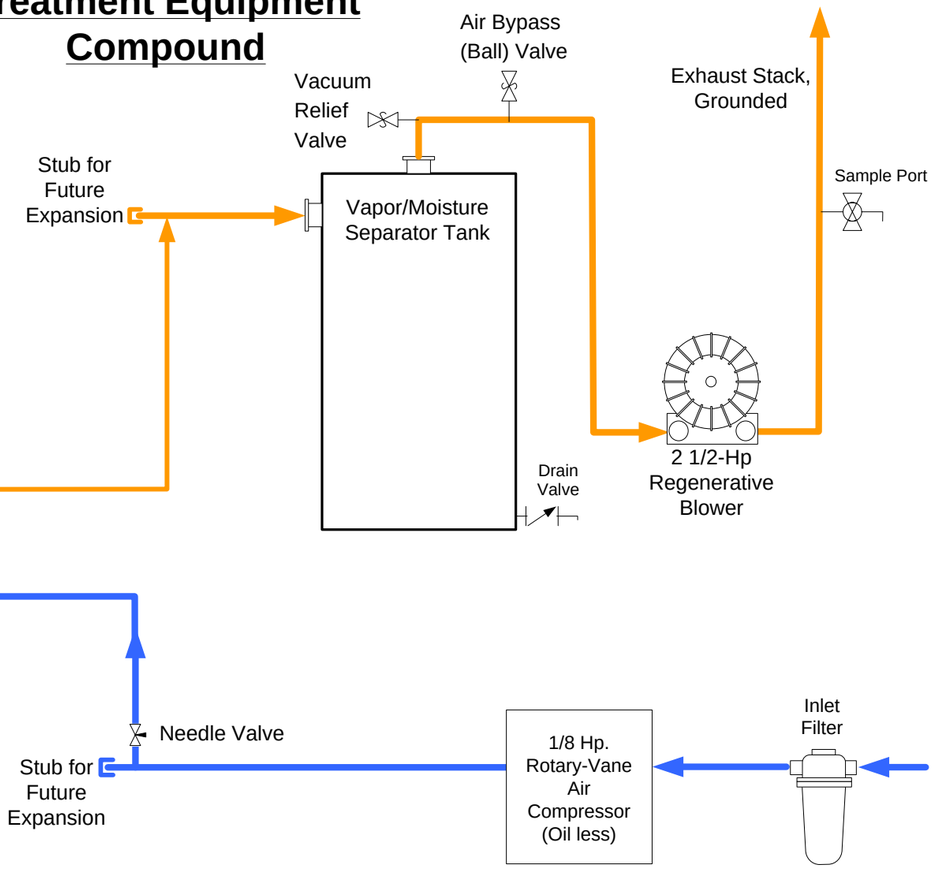
1" Schedule 80 PVC Pipe

Typical



1" Air Sparging Well

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 7

Project File:01-0739-B F7.vsd

TABLES

TABLE 1
Soil Sample Analysis (1)
Former Thinker Toys
10610 NE 8th, Bellevue, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Field VOC Reading (a)	cis-1,2-Dichloroethene	Trichloroethene (TCE)	Tetrachloroethene (PCE)
(units in mg/kg)							
GL-SVE-1	10/15/2012	VE-1 @ 4	4	1.3	---	---	---
	10/15/2012	VE-1 @ 8	8	1.4	nd	nd	**0.258**
GL-SVE-2	10/16/2012	VE-2 @ 5	5	0.6	---	---	---
	10/16/2012	VE-2 @ 10	10	0.6	---	---	---
GL-SVE-5	10/15/2012	VE-5 @ 5	5	1.4	---	---	---
	10/15/2012	VE-5 @ 10	10	2.0	---	---	---
	10/15/2012	VE-5 @ 18	18	1.3	---	---	---
GL-SVE-8	10/15/2012	VE-8 @ 10	10	1.2	---	---	---
GL-SVE-9	10/15/2012	VE-9 @ 5	5	2.3	nd	nd	**4.12**
	10/15/2012	VE-9 @ 10	10	1.8	nd	nd	**0.265**
GL-AS-1	10/16/2012	AS-1 @ 5	5	0.8	---	---	---
	10/16/2012	AS-1 @ 10	10	2.0	---	---	---
	10/16/2012	AS-1 @ 15	15	15.6	**0.397**	**0.479**	**0.898**
	10/16/2012	AS-1 @ 20	20	3.2	nd	nd	nd
	10/16/2012	AS-1 @ 25	25	1.2	---	---	---
	10/16/2012	AS-1 @ 30	30	0.7	---	---	---
	10/16/2012	AS-1 @ 35	35	2.2	nd	nd	**0.0509**
GL-AS-2	10/15/2012	AS-2 @ 5	5	1.5	---	---	---
	10/15/2012	AS-2 @ 10	10	1.2	---	---	---
	10/15/2012	AS-2 @ 15	15	1.2	nd	nd	**0.342**
	10/15/2012	AS-2 @ 20	20	1.1	nd	nd	**0.211**
	10/15/2012	AS-2 @ 25	25	0.8	---	---	---
	10/15/2012	AS-2 @ 30	30	0.9	---	---	---
	10/15/2012	AS-2 @ 36	36	0.5	nd	nd	nd
Reporting Limits							
MTCA Cleanup Level (2)					160*	0.03	0.05

Notes:
Refer to site diagram(s) for sampling locations.

(1) Method EPA 8260B, Other 8260 Compounds not listed were not detected.

(2) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007. Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

(a) Soil samples were field screened using a PID to measure VOCs. Headspace VOC concentrations were measured after placing the soil in a sealed plastic bag and allowing soil and air inside the bag to equilibrate.

* Most Conservative Method B Cleanup Level

--- Not Analyzed

nd Not detected at laboratory reporting limit

27 Bold Number(s) Indicates Contaminant Detected.

160 Bold Number(s) and Shading Indicates Concentration Exceeds MTCA Cleanup Level.

TABLE 2

Vapor Sample Analyses, Volatile Organic Compounds (1)

Former Thinker Toys (Bellevue)

Sample Location	Sample Date	Sample Number	Vinyl Chloride	1, 1-Dichloroethene	Toluene	cis-1, 2-Dichloroethene	Trichloroethene (TCE)	Tetrachloroethene (PCE)	Chloroform	m, p-Xylene
			(Units reported in ug/L)							
Exhaust Stack	12/7/2012	Ex Stack	nd	nd	nd	**1.32**	nd	**21.4**	nd	nd
	12/28/2012	Ex Stack	nd	nd	nd	**0.110**	nd	**28.0**	nd	**0.106**
	1/5/2013	Ex Stack	nd	nd	nd	**0.103**	nd	**26.5**	nd	nd
	1/14/2013	Ex Stack (**H**)	nd	nd	nd	**0.231**	**0.203**	**54.6**	nd	nd
	1/22/2013	Ex Stack	nd	nd	nd	**0.169**	**0.169**	**64.7**	nd	nd
	1/31/2013	Ex Stack	nd	nd	nd	**0.453**	**0.475**	**40.4**	nd	nd
North Vault	1/31/2013	SVE-1	nd	nd	**0.123**	**1.06**	**0.445**	**10.8**	nd	nd
North Vault	1/31/2013	SVE-2	nd	nd	**0.132**	**1.04**	**0.466**	**5.64**	nd	**0.190**
North Vault	1/31/2013	SVE-3	nd	nd	**0.125**	**1.03**	**0.460**	**15.8**	nd	nd
North Vault	1/31/2013	SVE-4	nd	nd	**0.125**	**0.981**	**0.546**	**18.3**	nd	nd
South Vault	1/31/2013	SVE-5	nd	nd	**0.147**	**0.62**	**1.06**	**45.0**	nd	nd
South Vault	1/31/2013	SVE-6	nd	nd	**0.130**	**0.246**	**0.716**	**77.6**	nd	nd
South Vault	1/31/2013	SVE-7	nd	nd	**0.139**	**0.388**	**0.712**	**57.2**	nd	**0.187**
South Vault	1/31/2013	SVE-8	nd	nd	**0.134**	**0.349**	**0.373**	**19.7**	nd	**0.203**
South Vault	1/31/2013	SVE-9	nd	nd	**0.123**	**0.312**	**0.256**	**14.4**	nd	nd
		RL	0.020	0.100	0.100	0.100	0.100	2.000	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

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

Period Start Date: December 7, 2012 Period End Date: December 28, 2012

Elapsed Days: 21
Hours of Operation Per Day: 20.0

Parameter	Contaminant Concentration in Stack Start of Period (mg/m^3)	Contaminant Concentration in Stack End of Period (mg/m^3)	Average Contaminant Mass per Unit Volume of Air (lb/ft^3)	Average Flow Rate of System (cfm)	Total System Operation for Period* (hours)	**Pounds Removed During the Period**
PCE	21.4	28.0	1.542E-06	114	420	**4.43**

Period Start Date: December 28, 2012 Period End Date: January 5, 2013

Elapsed Days: 8
Hours of Operation Per Day: 20.0

Parameter	Contaminant Concentration in Stack Start of Period (mg/m^3)	Contaminant Concentration in Stack End of Period (mg/m^3)	Average Contaminant Mass per Unit Volume of Air (lb/ft^3)	Average Flow Rate of System (cfm)	Total System Operation for Period* (hours)	**Pounds Removed During the Period**
PCE	28.0	26.5	1.701E-06	139	160	**2.27**

Period Start Date: January 5, 2013 Period End Date: January 14, 2013

Elapsed Days: 9
Hours of Operation Per Day: 22.0

Parameter	Contaminant Concentration in Stack Start of Period (mg/m^3)	Contaminant Concentration in Stack End of Period (mg/m^3)	Average Contaminant Mass per Unit Volume of Air (lb/ft^3)	Average Flow Rate of System (cfm)	Total System Operation for Period* (hours)	**Pounds Removed During the Period**
PCE	26.5	54.6	2.532E-06	103	198	**3.10**

Period Start Date: January 14, 2013 Period End Date: January 22, 2013

Elapsed Days: 8
Hours of Operation Per Day: 22.0

Parameter	Contaminant Concentration in Stack Start of Period (mg/m^3)	Contaminant Concentration in Stack End of Period (mg/m^3)	Average Contaminant Mass per Unit Volume of Air (lb/ft^3)	Average Flow Rate of System (cfm)	Total System Operation for Period* (hours)	**Pounds Removed During the Period**
PCE	54.6	64.7	3.724E-06	71	176	**2.79**

Period Start Date: January 22, 2013 Period End Date: January 31, 2013

Elapsed Days: 9
Hours of Operation Per Day: 22.0

Parameter	Contaminant Concentration in Stack Start of Period (mg/m^3)	Contaminant Concentration in Stack End of Period (mg/m^3)	Average Contaminant Mass per Unit Volume of Air (lb/ft^3)	Average Flow Rate of System (cfm)	Total System Operation for Period* (hours)	**Pounds Removed During the Period**
PCE	64.7	40.4	3.281E-06	76	198	**2.96**

Annual Removal Calculation

Start Date: December 7, 2012 End Date: January 31, 2013

Elapsed Days:	**55.00**
Total Pounds Removed to Date:	**15.55**
Average Pounds Per Day:	**0.28**
Estimated Yearly Discharge:	**103.21**

* The PSCAA regulations state that Vinyl Chloride concentrations are not to exceed 15 lbs./year, PCE not to exceed 500 lbs./year, and "toxic air contaminants" not to exceed 1000 lbs./year.

Table 4

Well Screen Information

Former Thinker Toys, Bellevue, WA

Location Designation	Well Installation Date	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)
GL-AS-1	10/16/2012	32	35	1
GL-AS-2	10/15/2012	32	35	1
GL-AS-3	10/16/2012	32	35	1
GL-SVE-1	10/15/2012	5	8	2
GL-SVE-2	10/16/2012	5	10	2
GL-SVE-3	10/15/2012	5	10	2
GL-SVE-4	10/16/2012	10	15	2
GL-SVE-5	10/15/2012	13	18	2
GL-SVE-6	10/15/2012	5	8	2
GL-SVE-7	10/16/2012	13	18	2
GL-SVE-8	10/15/2012	5	10	2
GL-SVE-9	10/15/2012	5	10	2

APPENDIX A

Unified Soil Classification System (USCS)

PRIMARY DIVISIONS			SYMBOL	DESCRIPTIONS
COARSE GRAINED SOILS Sands & Gravels, Over 50% retained on #200 sieve	**GRAVELS** Over 50% of coarse material retained on #4 sieve	**CLEAN GRAVEL** Less than 5% passing #200 sieve	GW	Well graded gravel, many different particle sizes, little or no fines
			GP	Poorly graded, few different particle sizes, little or no fines
		GRAVEL WITH FINES	GM	Silty gravels, gravel-sand-silt mixtures
			GC	Clayey gravels, gravel-sand-clay mixtures
	SAND Over 50% of coarse material passed #4 sieve	**CLEAN SANDS** Less than 5% passing #200 sieve	SW	Well graded gravel, many different particle sizes, little or no fines
			SP	Poorly graded, few different particle sizes, little or no fines
		SAND WITH FINES	SM	Silty gravels, gravel-sand-silt mixtures
			SC	Clayey gravels, gravel-sand-clay mixtures
FINE GRAINED SOILS Silts & Clays, Over 50% passing the #200 sieve	**SILTS AND CLAYS** Liquid limit is less than 50 %		ML	Inorganic silts, slight to no plasticity
			CL	Inorganic clays, low to moderate plasticity
			OL	Organic silts and clays of low plasticity
	SILTS AND CLAYS Liquid limit is more than 50 %		MH	Inorganic silts, moderate to high plasticity
			CH	Inorganic clays, high plasticity, fat clays
			OH	Organic silts and clays of high plasticity
Highly Organic Soils			PT	Peat and other highly organic soils

Soil Samples

- Disturbed, bag, bulk, or grab sample
- Standard penetration split spoon sample
- Cuttings
- ✱ No Sample Recovery
- **P** Tube Pushed, Not Driven

Field Measurements

- Water Level Observed During Drilling
- Groundwater Seepage (Testpits)
- OVA — Organic Vapor Analyzer
- PID — Photoionization Detector
- ppmv — Parts Per Million by Volume

Note: Blows per foot is the number of blows used to drive a split-spoon (2" OD) sampler through the last 12 inches of an 18-inch sampling attempt. One blow is a 30-inch fall of a 140-pound hammer.

Note: The line separating strata on the logs represents approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of the strata between exploration locations. Logs represent the soil section observed at the exploration location on the date of exploration only.

ExplorationLogLegend.pub

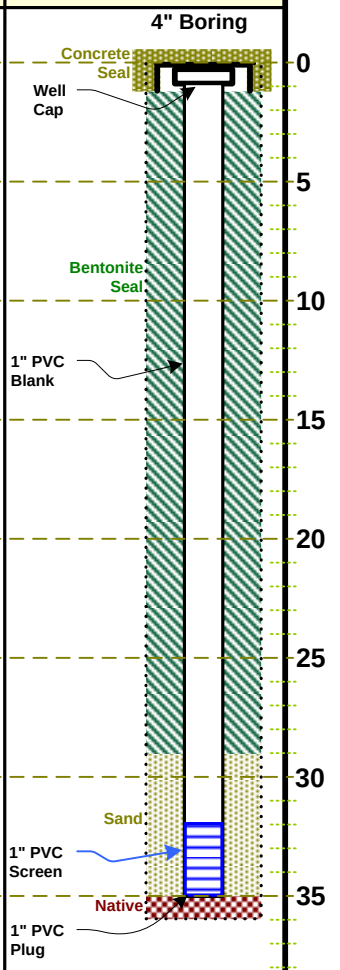
g-logics

Exploration Log Legend

gl-as-1.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)
			Surface: Asphalt, 4" thick underlain w/crushed rock			
8 9 9		AS-1 @ 5'	Gravely Sands, Loose, Moist, Light Brown	5	SW	0.8
9 7 14		AS-1 @10'	Gravely Sands, Medium Dense, Dry, Light Brown	5	SW	2.0
30 50/6"		AS-1 @15'	Silty Sands, Dense, Dry, Light Brown	60	SM	15.6
32 50/6"		AS-1 @ 20'	Silty Sands, Dense, Dry, Light Brown	60	SM	3.2
50/5"		AS-1 @ 25'	Gravely Sands, Very Dense, Dry, Grey	30	SP	1.2
50/5"		AS-1 @ 30'	Gravely Sands, Very Dense, Dry, Light Brown	25	SP	0.7
50/4"		AS-1 @ 35'	Gravely Sands, Dense, Dry, Grey	20	SP	2.2

Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50



Drilling Method:	Hollow-stem auger	**Date:**	10-16-2012
Drilling Company:	Boretec	**Weather:**	Cloudy, 55 degrees F
Boring Diameter:	4 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:
Well Tag: BHK610

g-logics

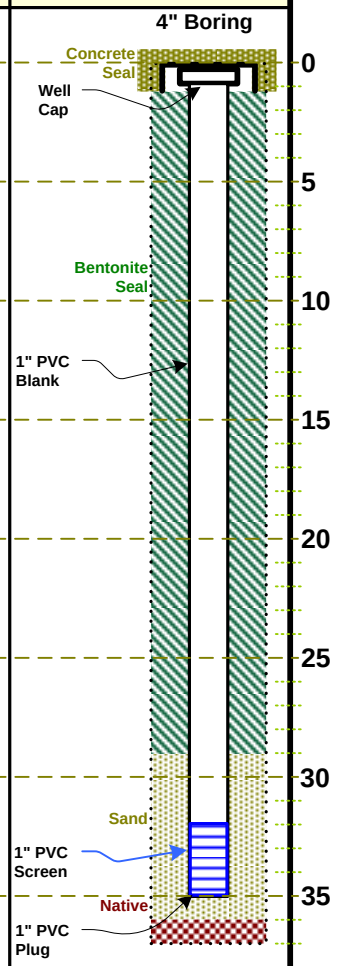
Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-AS-1

gl-as-2.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)
			Surface: Asphalt, 4" thick underlain w/crushed rock			
10 15 24		AS-2 @ 5'	Gravely Sands, Medium Dense, Dry, Light Brown	10	SP	1.5
50/5"		AS-2 @10'	Gravely Sands, Very Dense, Dry, Light Brown	20	SW	1.2
22 34 50		AS-2 @15'	Sandy w/ Fines, Dense, Damp, Light Brown	70	SP	1.2
50/6"		AS-2 @ 20'	Sandy w/ Fines, Dense, Damp, Light Brown	40	SP	1.1
50/5"		AS-2 @ 25'	Gravely Sands w/ Fines, Very Dense, Damp, Grey	30	SP	0.8
50/6"		AS-2 @ 30'	Gravely Sands w/ Silt, Very Dense, Moist, Grey	50	SM	0.9
100/6"		AS-2 @ 36'	Sands, Dense, Dry, Grey	40	SP	.5

Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50



Drilling Method:	Hollow-stem auger	**Date:**	10-15-2012
Drilling Company:	Boretec	**Weather:**	Cloudy, 55 degrees F
Boring Diameter:	4 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:
Well Tag: BHK560

g-logics

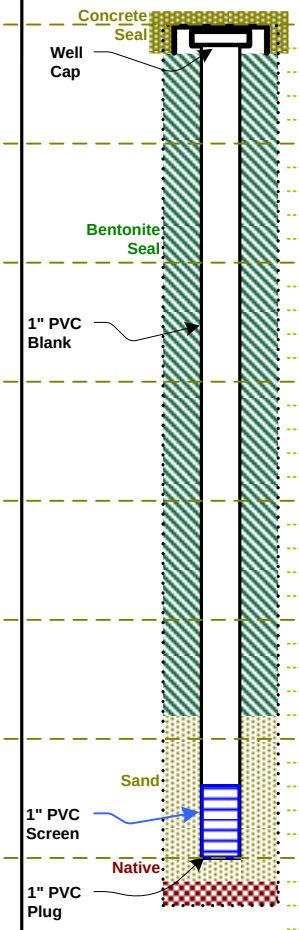
Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-AS-2

gl-as-3.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			No sampling recorded for this well				4" Boring

Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50



Drilling Method:	Hollow-stem auger	**Date:** 10-16-2012	**Other Information:**
Drilling Company:	Boretec	**Weather:** Cloudy, 55 degrees F	Well Tag: BHK560
Boring Diameter:	4 Inches	**Page** 1 **of** 1	
Logged By:	Dan Hatch		

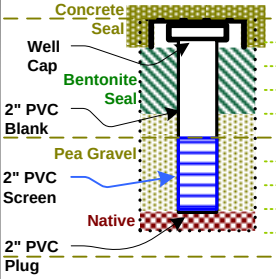
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-AS-3

gl-sve-1.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring
5 8 18		VE-1 @ 4'	Gravely Sands, Medium Dense, Dry, Light Brown	40	SP	1.3	
15 10 15		VE-1 @ 8'	Gravely Sands, Medium Dense, Dry, Light Brown	50	SP	1.4	



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:** 10-15-2012	**Other Information:**
Drilling Company:	Boretec	**Weather:** Overcast, 50 degrees F	Well Tag: BHK557
Boring Diameter:	6 Inches	**Page** 1 **of** 1	
Logged By:	Dan Hatch		

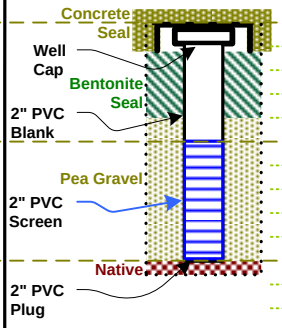
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-1

gl-sve-2.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring
21 50/6"		VE-2 @ 5'	Gravely Sands, Medium Dense, Dry, Light Brown	70	SP	0.6	
50/6"		VE-2 @ 10'	Gravely Sands, Medium Dense, Dry, Light Brown	15	SP	0.6	



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:** 10-16-2012	**Other Information:**
Drilling Company:	Boretec	**Weather:** Partly Cloudy, 52 degrees F	Well Tag: BHK613
Boring Diameter:	6 Inches	**Page** 1 **of** 1	
Logged By:	Dan Hatch		

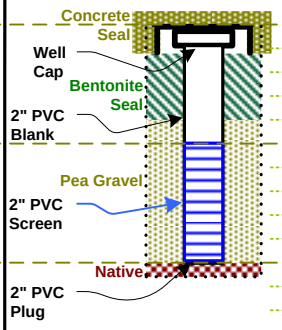
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-2

gl-sve-3.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:**	10-15-2012
Drilling Company:	Boretec	**Weather:**	Partly Cloudy, 52 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:
Well Tag: BHK558
No Samples Taken

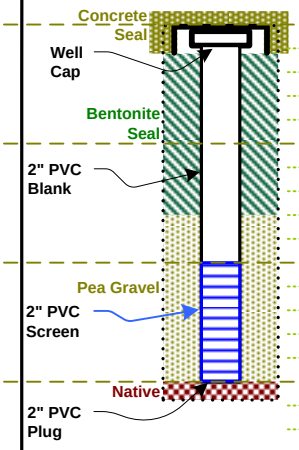
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-3

gl-sve-4.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:**	10-16-2012
Drilling Company:	Boretec	**Weather:**	Partly Cloudy, 52 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:

Well Tag: BHK612
No Samples Taken

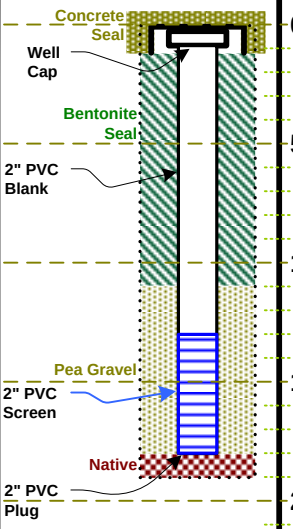
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-4

gl-sve-5.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring
18 22 20		VE-5 @ 5'	Gravely Sands, Medium Dense, Dry, Light Brown	60	SP	1.4	
23 50/5"		VE-5 @ 10'	Silty Sands w/ Gravel, Very Dense, Dry, Light Brown	50	SM	2.0	
21 50/6"		VE-5 @ 18'	Silty Sands, Very Dense, Moist, Light Brown	50	SM	1.3	



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:**	10-15-2012
Drilling Company:	Boretec	**Weather:**	Cloudy, 55 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:
Well Tag: BHK559

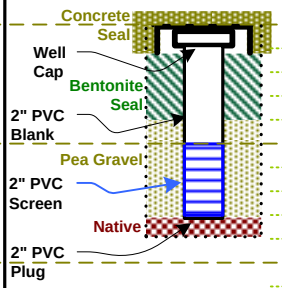
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-5

gl-sve-6.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:**	10-15-2012
Drilling Company:	Boretec	**Weather:**	Overcast, 50 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:

Well Tag: BHK561
No Samples Taken

g-logics

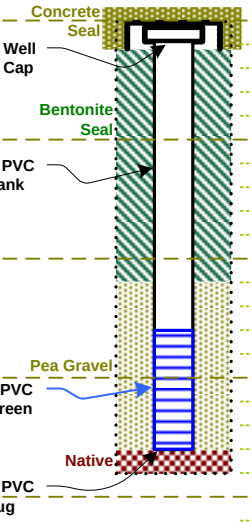
Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-6

gl-sve-7.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring

Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50



Drilling Method:	Hollow-stem auger	**Date:**	10-16-2012
Drilling Company:	Boretec	**Weather:**	Cloudy, 55 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:

Well Tag: BHK611
No Samples Taken

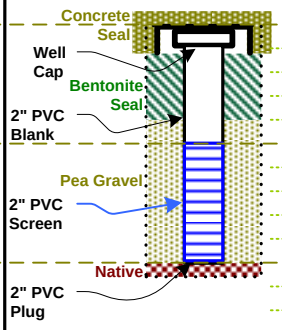
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-7

gl-sve-8.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring
-		VE-8 @ 10'	Silty Sands, Dense, Dry, Light Brown	50	SP	1.2	



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:**	10-15-2012
Drilling Company:	Boretec	**Weather:**	Cloudy, 55 degrees F
Boring Diameter:	6 Inches	**Page**	1 of 1
Logged By:	Dan Hatch		

Other Information:
Well Tag: BHK607

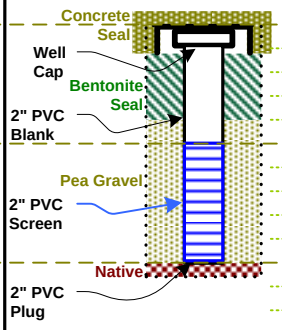
g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-8

gl-sve-9.vsd

BLOWS/6 inches	INTERVAL	SAMPLE NUMBER	SOIL DESCRIPTION	Recovery %	USCS	PID (ppmv in headspace)	WELL CONSTRUCTION
			Surface: Asphalt, 4" thick underlain w/crushed rock				6" Boring
4 2 3		VE-9 @ 5'	Silty Sand w/ Gravel, Loose, Dry, Yellow Brown	50	SM	2.3	
10 13 25		VE-9 @ 10'	Silty Sands, Dense, Dry, Light Brown	60	SM	1.8	



Depth in feet: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Drilling Method:	Hollow-stem auger	**Date:** 10-15-2012	**Other Information:**
Drilling Company:	Boretec	**Weather:** Cloudy, 55 degrees F	Well Tag: BHK608
Boring Diameter:	6 Inches	**Page** 1 **of** 1	
Logged By:	Dan Hatch		

g-logics

Boring/Well Log
Former Thinker Toys
10610 NE 8th Street
Bellevue, WA 98004

GL-SVE-9

APPENDIX B

APPENDIX B

FIELD EXPLORATION METHODS

G-Logics performed subsurface soil sampling during the installation of air-sparge and soil-vapor extraction wells on the subject property. The sampling activities were conducted in general accordance with Ecology's guidelines and regulations.

Underground Utility Clearance

Before conducting the subsurface exploration, G-Logics contacted a service that notifies public utilities of proposed subsurface investigations. Additionally, on-site private utilities were located by a private locating company to identify on-site utilities as well as specific areas of concern. Consequently, the below-grade utility locations were identified by marking their inferred location on the ground surface. This information was used to aid in identifying sampling locations. Additionally, at several boring locations, the first 5 to 7 feet of soils were removed using air-knife methods.

Quality Assurance Quality Control

Quality Assurance/Quality Control (QA/QC) for the presented scope of work included generally accepted procedures for sample collection, storage, tracking, and documentation. All sampling equipment was washed with a detergent wash and tap water rinse before the collection of the samples. All samples were labeled with a sample number, date, time, and sampler name, and were stored in an ice chest containing frozen "blue ice". Appropriate chain-of-custody documentation was completed.

Hollow-Stem Auger Borings

Soil borings were drilled using a trailer-mounted hollow-stem auger-drilling rig, provided by our drilling subcontractor. A G-Logics employee was present during the drilling and assisted in obtaining samples of the subsurface materials, maintained a log of the borings, made detailed observations of site conditions, and provided technical assistance, as required.

All drilling and sampling equipment was cleaned before mobilization and between borings to reduce the potential for cross contamination. In addition, the sampling equipment was cleaned between each sampling interval before the collection of the next sample.

Auger Soil Sampling, Driven Sampler

Soil samples were collected by using a Modified California split-spoon sampler, which may have contained three 6-inch-long brass liners (sample tubes) placed end-to-end. Sample collection was attempted at five-foot depth intervals by driving the sampler approximately 18 inches with a 140-pound hammer allowed to free-fall 30 inches. The number of blows required to drive the sampler each 6-inch interval was noted and recorded on the boring logs. Soils were classified according to the Unified Soil Classification System.

Collected soil samples were evaluated for evidence of contamination by visible discoloration of the soil sample or VOCs detected by the PID. A portion of each soil sample was placed into a plastic zip-lock bag, and the vapors were drawn through the PID for qualitative screening of VOCs. The vapor readings were documented as the field screening results. A new plastic bag was used each time a sample was screened.

The collected soils were removed and placed into laboratory-provided glass jars. Samples were collected from the soil core using an Easy Draw Syringe and Powerstop Handle. The soil plug was then extruded into a laboratory-supplied 40 ml VOA Vial containing methanol preservative. The extracted sampler was washed and new liners were used for each sampling attempt.

Collected samples were labeled with a sample number, date, time, and sampler's name and stored in an ice chest containing frozen “blue ice”. Chain-of-custody procedures were followed to document sample handling.

Well Construction, Hollow-Stem Auger Methods

Soil borings were completed as Air-Sparge and Soil-Vapor Extraction wells in the following manner:

- The Air-Sparge well casing materials consisted of 1-inch-diameter, flush-threaded, schedule 40 PVC pipe.

- The Soil-Vapor Extraction well casing materials consisted of 2-inch-diameter, flush-threaded, schedule 40 PVC pipe.
- The screened interval of the well casing was perforated with 0.020-inch factory-cut slots.
- The filter pack for the well consisted of clean, 10/20 Colorado Silica Sand.
- The annular seal of the well consisted of granulated Wyoming Bentonite.
- All PVC casing materials were cleaned at the factory before installation.
- The bottom of the well casing was sealed with a threaded sediment cup. Blank (non-slotted) riser casing was used to extend the well from the top of the screened interval to ground surface. The length of the screened interval is identified on the boring logs.
- Well construction was accomplished by lowering the casing, into the completed boring, through the inside of the hollow-stem augers. The augers were withdrawn from the boring about three feet, and the resulting annular space around the well screen was backfilled with sand (poured through the top of the hollow-stem augers). This process was repeated until the filter pack was installed to about two feet above the top of the screened interval. The augers were completely withdrawn from the boring, and the annular space around the blank riser was backfilled with granulated bentonite to the depth shown on the boring logs.
- The well identification was stamped on a metal tag and placed inside the well box.

APPENDIX C

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys (739)
Lab ID: 1210119

October 24, 2012

Attention Dan Hatch:

Fremont Analytical, Inc. received 16 sample(s) on 10/15/2012 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *10/24/2012*

CLIENT: G-Logics
Project: Former Thinker Toys (739)
Lab Order: 1210119

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1210119-001	VE-1@4'	10/15/2012 9:10 AM	10/15/2012 4:55 PM
1210119-002	VE-1@8'	10/15/2012 9:20 AM	10/15/2012 4:55 PM
1210119-003	VE-5@5'	10/15/2012 11:15 AM	10/15/2012 4:55 PM
1210119-004	VE-5@10'	10/15/2012 11:25 AM	10/15/2012 4:55 PM
1210119-005	VE-5@18'	10/15/2012 11:35 AM	10/15/2012 4:55 PM
1210119-006	AS-2@5'	10/15/2012 12:25 PM	10/15/2012 4:55 PM
1210119-007	AS-2@10'	10/15/2012 12:35 PM	10/15/2012 4:55 PM
1210119-008	AS-2@15'	10/15/2012 12:45 PM	10/15/2012 4:55 PM
1210119-009	AS-2@20'	10/15/2012 12:55 PM	10/15/2012 4:55 PM
1210119-010	AS-2@25'	10/15/2012 1:05 PM	10/15/2012 4:55 PM
1210119-011	AS-2@30'	10/15/2012 1:05 PM	10/15/2012 4:55 PM
1210119-012	AS-2@36'	10/15/2012 1:25 PM	10/15/2012 4:55 PM
1210119-013	VE-8@10'	10/15/2012 3:00 PM	10/15/2012 4:55 PM
1210119-014	VE-9@5'	10/15/2012 3:20 PM	10/15/2012 4:55 PM
1210119-015	VE-9@10'	10/15/2012 3:30 PM	10/15/2012 4:55 PM
1210119-016	Trip Blank	10/15/2012 12:00 AM	10/15/2012 4:55 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1210119**
Date: **10/24/2012**

CLIENT: G-Logics
Project: Former Thinker Toys (739)

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics
Collection Date: 10/15/2012 9:20:00 AM
Project: Former Thinker Toys (739)
Lab ID: 1210119-002
Matrix: Soil
Client Sample ID: VE-1@8'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0490		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Chloromethane	ND	0.0490		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Vinyl chloride	ND	0.00163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0408		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Chloroethane	ND	0.0490		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1-Dichloroethene	ND	0.0408		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Methylene chloride	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
trans-1,2-Dichloroethene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1-Dichloroethane	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
2,2-Dichloropropane	ND	0.0408		mg/Kg-dry	1	10/19/2012 5:31:00 PM
cis-1,2-Dichloroethene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Chloroform	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1-Dichloropropene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Carbon tetrachloride	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2-Dichloroethane (EDC)	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Trichloroethene (TCE)	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2-Dichloropropane	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Bromodichloromethane	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
cis-1,3-Dichloropropene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
trans-1,3-Dichloropropene	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1,2-Trichloroethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,3-Dichloropropane	ND	0.0408		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Tetrachloroethene (PCE)	0.258	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Dibromochloromethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Chlorobenzene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
2-Chlorotoluene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
4-Chlorotoluene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2,3-Trichloropropane	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2,4-Trichlorobenzene	ND	0.0408		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,3-Dichlorobenzene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,4-Dichlorobenzene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2-Dichlorobenzene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics
Collection Date: 10/15/2012 9:20:00 AM
Project: Former Thinker Toys (739)
Lab ID: 1210119-002
Matrix: Soil
Client Sample ID: VE-1@8'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0245		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Hexachloro-1,3-butadiene	ND	0.0816		mg/Kg-dry	1	10/19/2012 5:31:00 PM
1,2,3-Trichlorobenzene	ND	0.0163		mg/Kg-dry	1	10/19/2012 5:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	10/19/2012 5:31:00 PM
Surr: Dibromofluoromethane	100	67.6-119		%REC	1	10/19/2012 5:31:00 PM
Surr: Toluene-d8	103	78.5-126		%REC	1	10/19/2012 5:31:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	7.65			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 10/15/2012 12:45:00 P
Project: Former Thinker Toys (739)
Lab ID: 1210119-008 **Matrix:** Soil
Client Sample ID: AS-2@15'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0568		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Chloromethane	ND	0.0568		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Vinyl chloride	ND	0.00189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0473		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Chloroethane	ND	0.0568		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1-Dichloroethene	ND	0.0473		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Methylene chloride	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
trans-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1-Dichloroethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
2,2-Dichloropropane	ND	0.0473		mg/Kg-dry	1	10/19/2012 6:31:00 PM
cis-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Chloroform	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1-Dichloropropene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Carbon tetrachloride	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2-Dichloroethane (EDC)	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Trichloroethene (TCE)	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2-Dichloropropane	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Bromodichloromethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
cis-1,3-Dichloropropene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
trans-1,3-Dichloropropene	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1,2-Trichloroethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,3-Dichloropropane	ND	0.0473		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Tetrachloroethene (PCE)	0.342	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Dibromochloromethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Chlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
2-Chlorotoluene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
4-Chlorotoluene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2,3-Trichloropropane	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2,4-Trichlorobenzene	ND	0.0473		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,3-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,4-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics **Collection Date:** 10/15/2012 12:45:00 P
Project: Former Thinker Toys (739)
Lab ID: 1210119-008 **Matrix:** Soil
Client Sample ID: AS-2@15'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0284		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Hexachloro-1,3-butadiene	ND	0.0946		mg/Kg-dry	1	10/19/2012 6:31:00 PM
1,2,3-Trichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 6:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	10/19/2012 6:31:00 PM
Surr: Dibromofluoromethane	99.8	67.6-119		%REC	1	10/19/2012 6:31:00 PM
Surr: Toluene-d8	102	78.5-126		%REC	1	10/19/2012 6:31:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	9.25			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**

Date Reported: **10/24/2012**

Client: G-Logics **Collection Date:** 10/15/2012 12:55:00 P

Project: Former Thinker Toys (739)

Lab ID: 1210119-009 **Matrix:** Soil

Client Sample ID: AS-2@20'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0491		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Chloromethane	ND	0.0491		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Vinyl chloride	ND	0.00164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0409		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Chloroethane	ND	0.0491		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1-Dichloroethene	ND	0.0409		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Methylene chloride	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
trans-1,2-Dichloroethene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1-Dichloroethane	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
2,2-Dichloropropane	ND	0.0409		mg/Kg-dry	1	10/19/2012 7:01:00 PM
cis-1,2-Dichloroethene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Chloroform	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1-Dichloropropene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Carbon tetrachloride	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2-Dichloroethane (EDC)	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Trichloroethene (TCE)	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2-Dichloropropane	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Bromodichloromethane	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
cis-1,3-Dichloropropene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
trans-1,3-Dichloropropene	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1,2-Trichloroethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,3-Dichloropropane	ND	0.0409		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Tetrachloroethene (PCE)	0.211	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Dibromochloromethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Chlorobenzene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
2-Chlorotoluene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
4-Chlorotoluene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2,3-Trichloropropane	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2,4-Trichlorobenzene	ND	0.0409		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,3-Dichlorobenzene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,4-Dichlorobenzene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2-Dichlorobenzene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics **Collection Date:** 10/15/2012 12:55:00 P
Project: Former Thinker Toys (739)
Lab ID: 1210119-009 **Matrix:** Soil
Client Sample ID: AS-2@20'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0245		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Hexachloro-1,3-butadiene	ND	0.0818		mg/Kg-dry	1	10/19/2012 7:01:00 PM
1,2,3-Trichlorobenzene	ND	0.0164		mg/Kg-dry	1	10/19/2012 7:01:00 PM
Surr: 1-Bromo-4-fluorobenzene	100	63.1-141		%REC	1	10/19/2012 7:01:00 PM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	10/19/2012 7:01:00 PM
Surr: Toluene-d8	102	78.5-126		%REC	1	10/19/2012 7:01:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	6.78			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 10/15/2012 1:25:00 PM

Project: Former Thinker Toys (739)

Lab ID: 1210119-012 **Matrix:** Soil

Client Sample ID: AS-2@36'

Volatile Organic Compounds by EPA Method 8260

Batch ID: 3467 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0500		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Chloromethane	ND	0.0500		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Vinyl chloride	ND	0.00167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0416		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Chloroethane	ND	0.0500		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1-Dichloroethene	ND	0.0416		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Methylene chloride	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
trans-1,2-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1-Dichloroethane	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
2,2-Dichloropropane	ND	0.0416		mg/Kg-dry	1	10/19/2012 7:31:00 PM
cis-1,2-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Chloroform	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1-Dichloropropene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Carbon tetrachloride	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2-Dichloroethane (EDC)	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Trichloroethene (TCE)	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2-Dichloropropane	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Bromodichloromethane	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
cis-1,3-Dichloropropene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
trans-1,3-Dichloropropene	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1,2-Trichloroethane	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,3-Dichloropropane	ND	0.0416		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Tetrachloroethene (PCE)	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Dibromochloromethane	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Chlorobenzene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
2-Chlorotoluene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
4-Chlorotoluene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2,3-Trichloropropane	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2,4-Trichlorobenzene	ND	0.0416		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,3-Dichlorobenzene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,4-Dichlorobenzene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2-Dichlorobenzene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics
Collection Date: 10/15/2012 1:25:00 PM
Project: Former Thinker Toys (739)
Lab ID: 1210119-012
Matrix: Soil
Client Sample ID: AS-2@36'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0250		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Hexachloro-1,3-butadiene	ND	0.0833		mg/Kg-dry	1	10/19/2012 7:31:00 PM
1,2,3-Trichlorobenzene	ND	0.0167		mg/Kg-dry	1	10/19/2012 7:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	100	63.1-141		%REC	1	10/19/2012 7:31:00 PM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	10/19/2012 7:31:00 PM
Surr: Toluene-d8	104	78.5-126		%REC	1	10/19/2012 7:31:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	7.75			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 10/15/2012 3:20:00 PM
Project: Former Thinker Toys (739)
Lab ID: 1210119-014 **Matrix:** Soil
Client Sample ID: VE-9@5'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0630		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Chloromethane	ND	0.0630		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Vinyl chloride	ND	0.00210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0525		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Chloroethane	ND	0.0630		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1-Dichloroethene	ND	0.0525		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Methylene chloride	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
trans-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1-Dichloroethane	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
2,2-Dichloropropane	ND	0.0525		mg/Kg-dry	1	10/19/2012 8:01:00 PM
cis-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Chloroform	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1-Dichloropropene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Carbon tetrachloride	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2-Dichloroethane (EDC)	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Trichloroethene (TCE)	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2-Dichloropropane	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Bromodichloromethane	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
cis-1,3-Dichloropropene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
trans-1,3-Dichloropropene	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1,2-Trichloroethane	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,3-Dichloropropane	ND	0.0525		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Tetrachloroethene (PCE)	4.12	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Dibromochloromethane	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Chlorobenzene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
2-Chlorotoluene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
4-Chlorotoluene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2,3-Trichloropropane	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2,4-Trichlorobenzene	ND	0.0525		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,3-Dichlorobenzene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,4-Dichlorobenzene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2-Dichlorobenzene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics
Collection Date: 10/15/2012 3:20:00 PM
Project: Former Thinker Toys (739)
Lab ID: 1210119-014
Matrix: Soil
Client Sample ID: VE-9@5'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0315		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Hexachloro-1,3-butadiene	ND	0.105		mg/Kg-dry	1	10/19/2012 8:01:00 PM
1,2,3-Trichlorobenzene	ND	0.0210		mg/Kg-dry	1	10/19/2012 8:01:00 PM
Surr: 1-Bromo-4-fluorobenzene	99.2	63.1-141		%REC	1	10/19/2012 8:01:00 PM
Surr: Dibromofluoromethane	101	67.6-119		%REC	1	10/19/2012 8:01:00 PM
Surr: Toluene-d8	104	78.5-126		%REC	1	10/19/2012 8:01:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	16.5			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics
Collection Date: 10/15/2012 3:30:00 PM
Project: Former Thinker Toys (739)
Lab ID: 1210119-015
Matrix: Soil
Client Sample ID: VE-9@10'

Volatile Organic Compounds by EPA Method 8260

Batch ID: 3467 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0567		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Chloromethane	ND	0.0567		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Vinyl chloride	ND	0.00189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.0473		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Chloroethane	ND	0.0567		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1-Dichloroethene	ND	0.0473		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Methylene chloride	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
trans-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1-Dichloroethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
2,2-Dichloropropane	ND	0.0473		mg/Kg-dry	1	10/19/2012 8:31:00 PM
cis-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Chloroform	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1-Dichloropropene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Carbon tetrachloride	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2-Dichloroethane (EDC)	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Trichloroethene (TCE)	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2-Dichloropropane	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Bromodichloromethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
cis-1,3-Dichloropropene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
trans-1,3-Dichloropropene	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1,2-Trichloroethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,3-Dichloropropane	ND	0.0473		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Tetrachloroethene (PCE)	0.265	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Dibromochloromethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Chlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
2-Chlorotoluene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
4-Chlorotoluene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2,3-Trichloropropane	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2,4-Trichlorobenzene	ND	0.0473		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,3-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,4-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2-Dichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210119**
Date Reported: **10/24/2012**

Client: G-Logics
Collection Date: 10/15/2012 3:30:00 PM
Project: Former Thinker Toys (739)
Lab ID: 1210119-015
Matrix: Soil
Client Sample ID: VE-9@10'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3467		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0284		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Hexachloro-1,3-butadiene	ND	0.0946		mg/Kg-dry	1	10/19/2012 8:31:00 PM
1,2,3-Trichlorobenzene	ND	0.0189		mg/Kg-dry	1	10/19/2012 8:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	10/19/2012 8:31:00 PM
Surr: Dibromofluoromethane	100	67.6-119		%REC	1	10/19/2012 8:31:00 PM
Surr: Toluene-d8	104	78.5-126		%REC	1	10/19/2012 8:31:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	9.88			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-3467** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **LCSS** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123756**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.434	0.0600	1.000	0	43.4	37.7	136				
Chloromethane	0.670	0.0600	1.000	0	67.0	38.8	132				
Vinyl chloride	0.754	0.00200	1.000	0	75.4	56.1	130				
Trichlorofluoromethane (CFC-11)	0.741	0.0500	1.000	0	74.1	61.8	130				
Chloroethane	0.746	0.0600	1.000	0	74.6	52.2	131				
1,1-Dichloroethene	0.788	0.0500	1.000	0	78.8	64.6	134				
Methylene chloride	0.924	0.0200	1.000	0	92.4	60.6	140				
trans-1,2-Dichloroethene	0.835	0.0200	1.000	0	83.5	68.7	127				
1,1-Dichloroethane	0.897	0.0200	1.000	0	89.6	65.5	132				
2,2-Dichloropropane	0.889	0.0500	1.000	0	88.9	28.1	149				
cis-1,2-Dichloroethene	0.891	0.0200	1.000	0	89.1	71.6	123				
Chloroform	0.930	0.0200	1.000	0	93.0	67.5	129				
1,1,1-Trichloroethane (TCA)	0.878	0.0200	1.000	0	87.8	74.4	130				
1,1-Dichloropropene	0.868	0.0200	1.000	0	86.9	72.7	131				
Carbon tetrachloride	0.795	0.0200	1.000	0	79.5	73	136				
1,2-Dichloroethane (EDC)	0.936	0.0300	1.000	0	93.6	68.7	133				
Trichloroethene (TCE)	0.928	0.0300	1.000	0	92.8	71.5	134				
1,2-Dichloropropane	0.930	0.0200	1.000	0	93.0	72.7	133				
Bromodichloromethane	0.962	0.0200	1.000	0	96.2	76.1	136				
cis-1,3-Dichloropropene	0.954	0.0200	1.000	0	95.4	59.1	143				
trans-1,3-Dichloropropene	0.955	0.0300	1.000	0	95.5	49.2	149				
1,1,2-Trichloroethane	0.984	0.0300	1.000	0	98.4	74.5	129				
1,3-Dichloropropane	0.973	0.0500	1.000	0	97.3	70	130				
Tetrachloroethene (PCE)	1.08	0.0200	1.000	0	108	64.4	150				
Dibromochloromethane	0.980	0.0300	1.000	0	98.0	70.6	144				
Chlorobenzene	0.954	0.0200	1.000	0	95.4	76.1	123				
1,1,1,2-Tetrachloroethane	0.970	0.0300	1.000	0	97.0	74.8	131				
1,1,2,2-Tetrachloroethane	0.986	0.0200	1.000	0	98.6	61.9	139				
2-Chlorotoluene	0.953	0.0200	1.000	0	95.3	76.7	129				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-3467** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **LCSS** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123756**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	0.958	0.0200	1.000	0	95.8	77.5	125				
1,2,3-Trichloropropane	0.992	0.0200	1.000	0	99.2	67.9	136				
1,2,4-Trichlorobenzene	0.957	0.0500	1.000	0	95.7	65.6	137				
1,3-Dichlorobenzene	0.961	0.0200	1.000	0	96.1	72.8	128				
1,4-Dichlorobenzene	0.921	0.0200	1.000	0	92.1	72.6	126				
1,2-Dichlorobenzene	0.985	0.0200	1.000	0	98.5	72.8	126				
1,2-Dibromo-3-chloropropane	1.05	0.0300	1.000	0	105	64.3	135				
Hexachloro-1,3-butadiene	0.945	0.100	1.000	0	94.5	42	151				
1,2,3-Trichlorobenzene	0.948	0.0200	1.000	0	94.8	62.1	140				
Surr: 1-Bromo-4-fluorobenzene	0.505		0.5000		101	63.1	141				
Surr: Dibromofluoromethane	0.506		0.5000		101	67.6	119				
Surr: Toluene-d8	0.504		0.5000		101	78.5	126				

Sample ID: **MB-3467** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **MBLKS** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-3467** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **MBLKS** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.504		0.5000		101	63.1	141				
Surr: Dibromofluoromethane	0.504		0.5000		101	67.6	119				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-3467** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **MBLKS** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.509		0.5000		102	78.5	126				

Sample ID: **1210165-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **BATCH** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123775**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.477	0.0431	0.7179	0	66.5	43.5	121				
Chloromethane	0.598	0.0431	0.7179	0	83.3	45	130				
Vinyl chloride	0.570	0.00144	0.7179	0	79.5	51.2	146				
Trichlorofluoromethane (CFC-11)	0.473	0.0359	0.7179	0	66.0	52.2	132				
Chloroethane	0.525	0.0431	0.7179	0	73.1	43.8	117				
1,1-Dichloroethene	0.585	0.0359	0.7179	0	81.5	61.9	141				
Methylene chloride	0.579	0.0144	0.7179	0	80.7	54.7	142				
trans-1,2-Dichloroethene	0.578	0.0144	0.7179	0	80.5	52	136				
1,1-Dichloroethane	0.567	0.0144	0.7179	0	79.0	51.8	141				
2,2-Dichloropropane	0.314	0.0359	0.7179	0	43.7	36	123				
cis-1,2-Dichloroethene	0.556	0.0144	0.7179	0	77.5	58.6	136				
Chloroform	0.600	0.0144	0.7179	0	83.7	53.2	129				
1,1,1-Trichloroethane (TCA)	0.573	0.0144	0.7179	0	79.8	58.3	145				
1,1-Dichloropropene	0.569	0.0144	0.7179	0	79.3	55.1	138				
Carbon tetrachloride	0.489	0.0144	0.7179	0	68.1	53.3	144				
1,2-Dichloroethane (EDC)	0.572	0.0215	0.7179	0	79.7	51.3	139				
Trichloroethene (TCE)	0.683	0.0215	0.7179	0	95.2	68.6	132				
1,2-Dichloropropane	0.579	0.0144	0.7179	0	80.6	59	136				
Bromodichloromethane	0.576	0.0144	0.7179	0	80.2	50.7	141				
cis-1,3-Dichloropropene	0.534	0.0144	0.7179	0	74.5	52.3	129				
trans-1,3-Dichloropropene	0.514	0.0215	0.7179	0	71.7	52.2	138				
1,1,2-Trichloroethane	0.585	0.0215	0.7179	0	81.5	51.6	137				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210165-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **BATCH** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **123775**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	0.577	0.0359	0.7179	0	80.4	53.1	134				
Tetrachloroethene (PCE)	0.730	0.0144	0.7179	0	102	44.1	141				
Dibromochloromethane	0.582	0.0215	0.7179	0	81.1	55.3	140				
Chlorobenzene	0.577	0.0144	0.7179	0	80.4	60	133				
1,1,1,2-Tetrachloroethane	0.584	0.0215	0.7179	0	81.4	53.1	142				
1,1,2,2-Tetrachloroethane	0.434	0.0144	0.7179	0	60.4	51.9	131				
2-Chlorotoluene	0.546	0.0144	0.7179	0	76.0	51.6	136				
4-Chlorotoluene	0.563	0.0144	0.7179	0	78.5	50.1	139				
1,2,3-Trichloropropane	0.549	0.0144	0.7179	0	76.5	50.5	131				
1,2,4-Trichlorobenzene	0.500	0.0359	0.7179	0	69.7	50.8	130				
1,3-Dichlorobenzene	0.552	0.0144	0.7179	0	76.9	52.6	131				
1,4-Dichlorobenzene	0.530	0.0144	0.7179	0	73.9	52.9	129				
1,2-Dichlorobenzene	0.572	0.0144	0.7179	0	79.8	55.8	129				
1,2-Dibromo-3-chloropropane	0.448	0.0215	0.7179	0	62.4	53	129				
Hexachloro-1,3-butadiene	0.538	0.0718	0.7179	0	75.0	51.5	130				
1,2,3-Trichlorobenzene	0.516	0.0144	0.7179	0	71.9	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.364		0.3589		101	63.1	141				
Surr: Dibromofluoromethane	0.361		0.3589		101	67.6	119				
Surr: Toluene-d8	0.365		0.3589		102	78.5	126				

Sample ID: **1210119-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **VE-1@8'** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **124584**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0490						0	0	30	
Chloromethane	ND	0.0490						0	0	30	
Vinyl chloride	ND	0.00163						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0408						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210119-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **VE-1@8'** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **124584**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.0490						0	0	30	
1,1-Dichloroethene	ND	0.0408						0	0	30	
Methylene chloride	ND	0.0163						0	0	30	
trans-1,2-Dichloroethene	ND	0.0163						0	0	30	
1,1-Dichloroethane	ND	0.0163						0	0	30	
2,2-Dichloropropane	ND	0.0408						0	0	30	
cis-1,2-Dichloroethene	ND	0.0163						0	0	30	
Chloroform	ND	0.0163						0	0	30	
1,1,1-Trichloroethane (TCA)	ND	0.0163						0	0	30	
1,1-Dichloropropene	ND	0.0163						0	0	30	
Carbon tetrachloride	ND	0.0163						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0245						0	0	30	
Trichloroethene (TCE)	ND	0.0245						0	0	30	
1,2-Dichloropropane	ND	0.0163						0	0	30	
Bromodichloromethane	ND	0.0163						0	0	30	
cis-1,3-Dichloropropene	ND	0.0163						0	0	30	
trans-1,3-Dichloropropene	ND	0.0245						0	0	30	
1,1,2-Trichloroethane	ND	0.0245						0	0	30	
1,3-Dichloropropane	ND	0.0408						0	0	30	
Tetrachloroethene (PCE)	0.273	0.0163						0.2579	5.54	30	
Dibromochloromethane	ND	0.0245						0	0	30	
Chlorobenzene	ND	0.0163						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0245						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0163						0	0	30	
2-Chlorotoluene	ND	0.0163						0	0	30	
4-Chlorotoluene	ND	0.0163						0	0	30	
1,2,3-Trichloropropane	ND	0.0163						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0408						0	0	30	
1,3-Dichlorobenzene	ND	0.0163						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210119
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210119-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/18/2012** RunNo: **6225**
Client ID: **VE-1@8'** Batch ID: **3467** Analysis Date: **10/19/2012** SeqNo: **124584**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	0.0163						0	0	30	
1,2-Dichlorobenzene	ND	0.0163						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0245						0	0	30	
Hexachloro-1,3-butadiene	ND	0.0816						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0163						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.404		0.4080		99.0	63.1	141		0		
Surr: Dibromofluoromethane	0.411		0.4080		101	67.6	119		0		
Surr: Toluene-d8	0.423		0.4080		104	78.5	126		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1210119**
Logged by: **Clare Griggs**	Date Received: **10/15/2012 4:55:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required	☑
2.	Is Chain of Custody complete?	Yes	☐	No	☑	Not Present	☐
3.	How was the sample delivered?	Client					

Log In

4.	Coolers are present?	Yes	☑	No	☐	NA	☐
5.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA	☐
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☑	No	☐	NA	☐
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐		
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐		
9.	Are samples properly preserved?	Yes	☑	No	☐		
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA	☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA	☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐		
13.	Does paperwork match bottle labels?	Yes	☑	No	☐		
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐		
15.	Is it clear what analyses were requested?	Yes	☐	No	☑		
16.	Were all holding times able to be met?	Yes	☑	No	☐		

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA	☑

Person Notified:	Dan Hatch	Date:	10/15/2012
By Whom:	Clare Griggs	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	No analyses requested on COC		
Client Instructions:	Will know in a couple days.		

18. Additional remarks/Disrepancies

Item Information

Item #	Temp ºC	Condition
Cooler	9.6	Good

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1210119

Date: 10-15-12

Page: 1 of: 2

Client: G-Logics

Address:

City, State, Zip: Issaquah Tel:

Project Name: Former Thinker Toys (739)

Location: Bellevue

Collected by: Dan Hebda 253-359-5334

Reports To (PM): Fax: Email:

Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)**	Comments/Depth
1 VE-1@4'	10/15	910	Soil	X														1-4oz, 2-VOA
2 VE-1@8'	10/15	920		X														No Analysis
3 VE-5@5'		1115		X														
4 VE-5@10'		1125																
5 VE-5@18'		1135																
6 AS-2@5'		1225																
7 AS-2@10'		1235																
8 AS-2@15'		1245																
9 AS-2@20		1255																
10 AS-2@25'		1305																

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x	10/15/12 1655	x	10/15/12 16:55
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT--> Next Day 2 Day 3 Day (STD)

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): _____

Date: 10-15-12

Page: 2 of: 2

Client: G-Logics
Address:
City, State, Zip: Issaquah Tel:

Project Name: Former Thinker Toys (739)
Location: Bellevue
Collected by: Dan Hatch 253-389-5334

Reports To (PM): Fax: Email:

Project No: 61-0739-03

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)**	Comments/Depth
1 AS-2@30	10/15	1305	Soil															1-4ft, 2-VOA
2 AS-2@36	10/15	1325																
3 VE-8@10		1500																
4 VE-9@5		1520																
5 VE-9@16		1530																
6																		
7																		
8																		
9																		
10																		

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Same	10/15/12 1655	x Troy Zehr	10/15/12 16:55
x		x	

TAT -> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Fremont Analytical

3311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record

Laboratory Project No (internal): 1210119a

Date: 10-15-12
Page: 1 of: 2

Client: G-Logics
Address:
City, State, Zip: Issaquah
Tel:
Reports To (PM):
Fax:
Email:

Project Name: Former Thinker Toys (739)
Location: Bellevue
Collected by: Dan Hatch 253-389-5334
Project No: 01-0739-B

#	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	[illegible, crossed out] CUOK	GX/BTEX by EPA 8021B	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SVM VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1	VE-1@4'	10/15	910	Soil	X	M													1-4oz, 2-Voa
2	VE-1@8'	10/15	920		[redacted]	M													No Analysis
3	VE-5@5'		1115		X	M													
4	VE-5@10'		1125																
5	VE-5@18'		1135																
6	AS-2@5'		1225																
7	AS-2@10'		1235																
8	AS-2@15'		1245		[redacted]														
9	AS-2@20'		1255		[redacted]														
10	AS-2@25'		1305		[redacted]														

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/15/12 1655	x [signature]	10/15/12 16:55
x		x	

TAT --> Next Day 2 Day 3 Day (STD)

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (Internal): _____

Date: 10-15-12 Page: 2 of: 2

Client: Glogics
Address:
City, State, Zip: Issaquah Tel:

Project Name: Former Thinker Toys (739)
Location: Bellevue
Collected by: Dan Hatch 253-387-5334

Reports To (PM): Fax: Email:

Project No: 61-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021B	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (NWTPH)	Diesel/Heavy Oil Range Organics	SIM PAH (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6010 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1 AS-2@30	10/15	1305	Soil															1-402, 2-VOA
2 AS-2@36	10/15	1325																
3 VE-8@10		1500																
4 VE-9@5		1520																
5 VE-9@10		1530																
6																		
7																		
8																		
9																		
10																		

*Metals Analysis (Circle): MTCA5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate-Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
1	10/15/12 1655	x	10/15/12 16:55
Relinquished	Date/Time	Received	Date/Time
2		x	

TAT --> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - Re, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys (739)
Lab ID: 1210136

October 25, 2012

Attention Dan Hatch:

Fremont Analytical, Inc. received 9 sample(s) on 10/16/2012 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *10/25/2012*

CLIENT: G-Logics
Project: Former Thinker Toys (739)
Lab Order: 1210136

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1210136-001	AS-1@5	10/16/2012 10:05 AM	10/16/2012 4:45 PM
1210136-002	AS-1@10	10/16/2012 10:20 AM	10/16/2012 4:45 PM
1210136-003	AS-1@15	10/16/2012 10:30 AM	10/16/2012 4:45 PM
1210136-004	AS-1@20	10/16/2012 10:40 AM	10/16/2012 4:45 PM
1210136-005	AS-1@25	10/16/2012 10:50 AM	10/16/2012 4:45 PM
1210136-006	AS-1@30	10/16/2012 11:05 AM	10/16/2012 4:45 PM
1210136-007	AS-1@35	10/16/2012 11:10 AM	10/16/2012 4:45 PM
1210136-008	VE-2@5	10/16/2012 1:40 PM	10/16/2012 4:45 PM
1210136-009	VE-2@10	10/16/2012 1:50 PM	10/16/2012 4:45 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1210136**
Date: **10/25/2012**

CLIENT: G-Logics
Project: Former Thinker Toys (739)

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1210136**

Date Reported: **10/25/2012**

Client: G-Logics **Collection Date:** 10/16/2012 10:30:00 A

Project: Former Thinker Toys (739)

Lab ID: 1210136-003 **Matrix:** Soil

Client Sample ID: AS-1@15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3491		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0548		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Chloromethane	ND	0.0548		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Vinyl chloride	ND	0.00183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0457		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Chloroethane	ND	0.0548		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1-Dichloroethene	ND	0.0457		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Methylene chloride	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
trans-1,2-Dichloroethene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1-Dichloroethane	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
2,2-Dichloropropane	ND	0.0457		mg/Kg-dry	1	10/25/2012 12:45:00 AM
cis-1,2-Dichloroethene	0.397	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Chloroform	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1-Dichloropropene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Carbon tetrachloride	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2-Dichloroethane (EDC)	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Trichloroethene (TCE)	0.479	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2-Dichloropropane	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Bromodichloromethane	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
cis-1,3-Dichloropropene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
trans-1,3-Dichloropropene	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1,2-Trichloroethane	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,3-Dichloropropane	ND	0.0457		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Tetrachloroethene (PCE)	0.898	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Dibromochloromethane	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Chlorobenzene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
2-Chlorotoluene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
4-Chlorotoluene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2,3-Trichloropropane	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2,4-Trichlorobenzene	ND	0.0457		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,3-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,4-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2-Dichlorobenzene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210136**

Date Reported: **10/25/2012**

Client: G-Logics **Collection Date:** 10/16/2012 10:30:00 A

Project: Former Thinker Toys (739)

Lab ID: 1210136-003 **Matrix:** Soil

Client Sample ID: AS-1@15

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3491		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0274		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Hexachloro-1,3-butadiene	ND	0.0914		mg/Kg-dry	1	10/25/2012 12:45:00 AM
1,2,3-Trichlorobenzene	ND	0.0183		mg/Kg-dry	1	10/25/2012 12:45:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	10/25/2012 12:45:00 AM
Surr: Dibromofluoromethane	96.5	67.6-119		%REC	1	10/25/2012 12:45:00 AM
Surr: Toluene-d8	99.5	78.5-126		%REC	1	10/25/2012 12:45:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	7.79			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 10/16/2012 10:40:00 A

Project: Former Thinker Toys (739)

Lab ID: 1210136-004 **Matrix:** Soil

Client Sample ID: AS-1@20

Volatile Organic Compounds by EPA Method 8260

Batch ID: 3491 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Chloromethane	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Vinyl chloride	ND	0.00206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Chloroethane	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1-Dichloroethene	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Methylene chloride	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
trans-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1-Dichloroethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
2,2-Dichloropropane	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:14:00 AM
cis-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Chloroform	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1-Dichloropropene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Carbon tetrachloride	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2-Dichloroethane (EDC)	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Trichloroethene (TCE)	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2-Dichloropropane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Bromodichloromethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
cis-1,3-Dichloropropene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
trans-1,3-Dichloropropene	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1,2-Trichloroethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,3-Dichloropropane	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Tetrachloroethene (PCE)	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Dibromochloromethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Chlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
2-Chlorotoluene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
4-Chlorotoluene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2,3-Trichloropropane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2,4-Trichlorobenzene	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,3-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,4-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Dilution was required
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210136**
Date Reported: **10/25/2012**

Client: G-Logics
Collection Date: 10/16/2012 10:40:00 A
Project: Former Thinker Toys (739)
Lab ID: 1210136-004
Matrix: Soil
Client Sample ID: AS-1@20

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3491		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Hexachloro-1,3-butadiene	ND	0.103		mg/Kg-dry	1	10/25/2012 1:14:00 AM
1,2,3-Trichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:14:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	63.1-141		%REC	1	10/25/2012 1:14:00 AM
Surr: Dibromofluoromethane	94.0	67.6-119		%REC	1	10/25/2012 1:14:00 AM
Surr: Toluene-d8	99.8	78.5-126		%REC	1	10/25/2012 1:14:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	7.34			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 10/16/2012 11:10:00 A
Project: Former Thinker Toys (739)
Lab ID: 1210136-007 **Matrix:** Soil
Client Sample ID: AS-1@35

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3491		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Chloromethane	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Vinyl chloride	ND	0.00206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Chloroethane	ND	0.0617		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1-Dichloroethene	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Methylene chloride	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
trans-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1-Dichloroethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
2,2-Dichloropropane	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:44:00 AM
cis-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Chloroform	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1-Dichloropropene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Carbon tetrachloride	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2-Dichloroethane (EDC)	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Trichloroethene (TCE)	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2-Dichloropropane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Bromodichloromethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
cis-1,3-Dichloropropene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
trans-1,3-Dichloropropene	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1,2-Trichloroethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,3-Dichloropropane	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Tetrachloroethene (PCE)	0.0509	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Dibromochloromethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Chlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
2-Chlorotoluene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
4-Chlorotoluene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2,3-Trichloropropane	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2,4-Trichlorobenzene	ND	0.0514		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,3-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,4-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2-Dichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1210136**

Date Reported: **10/25/2012**

Client: G-Logics **Collection Date:** 10/16/2012 11:10:00 A

Project: Former Thinker Toys (739)

Lab ID: 1210136-007 **Matrix:** Soil

Client Sample ID: AS-1@35

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 3491		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	0.0308		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Hexachloro-1,3-butadiene	ND	0.103		mg/Kg-dry	1	10/25/2012 1:44:00 AM
1,2,3-Trichlorobenzene	ND	0.0206		mg/Kg-dry	1	10/25/2012 1:44:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	63.1-141		%REC	1	10/25/2012 1:44:00 AM
Surr: Dibromofluoromethane	96.1	67.6-119		%REC	1	10/25/2012 1:44:00 AM
Surr: Toluene-d8	101	78.5-126		%REC	1	10/25/2012 1:44:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R6201		Analyst: CM
Percent Moisture	7.84			wt%	1	10/18/2012 2:45:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210192-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **BATCH** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124368**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0622						0	0	30	
Chloromethane	ND	0.0622						0	0	30	
Vinyl chloride	ND	0.00207						0	0	30	
Trichlorofluoromethane (CFC-11)	ND	0.0518						0	0	30	
Chloroethane	ND	0.0622						0	0	30	
1,1-Dichloroethene	ND	0.0518						0	0	30	
Methylene chloride	ND	0.0207						0	0	30	
trans-1,2-Dichloroethene	ND	0.0207						0	0	30	
1,1-Dichloroethane	ND	0.0207						0	0	30	
2,2-Dichloropropane	ND	0.0518						0	0	30	
cis-1,2-Dichloroethene	ND	0.0207						0	0	30	
Chloroform	0.0290	0.0207						0.02745	5.50	30	
1,1,1-Trichloroethane (TCA)	ND	0.0207						0	0	30	
1,1-Dichloropropene	ND	0.0207						0	0	30	
Carbon tetrachloride	ND	0.0207						0	0	30	
1,2-Dichloroethane (EDC)	ND	0.0311						0	0	30	
Trichloroethene (TCE)	ND	0.0311						0	0	30	
1,2-Dichloropropane	ND	0.0207						0	0	30	
Bromodichloromethane	ND	0.0207						0	0	30	
cis-1,3-Dichloropropene	ND	0.0207						0	0	30	
trans-1,3-Dichloropropene	ND	0.0311						0	0	30	
1,1,2-Trichloroethane	ND	0.0311						0	0	30	
1,3-Dichloropropane	ND	0.0518						0	0	30	
Tetrachloroethene (PCE)	ND	0.0207						0	0	30	
Dibromochloromethane	ND	0.0311						0	0	30	
Chlorobenzene	ND	0.0207						0	0	30	
1,1,1,2-Tetrachloroethane	ND	0.0311						0	0	30	
1,1,2,2-Tetrachloroethane	ND	0.0207						0	0	30	
2-Chlorotoluene	ND	0.0207						0	0	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210192-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **BATCH** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124368**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0207						0	0	30	
1,2,3-Trichloropropane	ND	0.0207						0	0	30	
1,2,4-Trichlorobenzene	ND	0.0518						0	0	30	
1,3-Dichlorobenzene	ND	0.0207						0	0	30	
1,4-Dichlorobenzene	ND	0.0207						0	0	30	
1,2-Dichlorobenzene	ND	0.0207						0	0	30	
1,2-Dibromo-3-chloropropane	ND	0.0311						0	0	30	
Hexachloro-1,3-butadiene	ND	0.104						0	0	30	
1,2,3-Trichlorobenzene	ND	0.0207						0	0	30	
Surr: 1-Bromo-4-fluorobenzene	0.519		0.5180		100	63.1	141		0		
Surr: Dibromofluoromethane	0.522		0.5180		101	67.6	119		0		
Surr: Toluene-d8	0.525		0.5180		101	78.5	126		0		

Sample ID: **1210192-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **BATCH** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124370**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.381	0.0659	0.5496	0	69.3	43.5	121				
Chloromethane	0.603	0.0659	0.5496	0.03352	104	45	130				
Vinyl chloride	0.595	0.00220	0.5496	0	108	51.2	146				
Trichlorofluoromethane (CFC-11)	0.478	0.0550	0.5496	0	86.9	52.2	132				
Chloroethane	0.547	0.0659	0.5496	0	99.6	43.8	117				
1,1-Dichloroethene	0.676	0.0550	0.5496	0	123	61.9	141				
Methylene chloride	0.668	0.0220	0.5496	0.02913	116	54.7	142				
trans-1,2-Dichloroethene	0.683	0.0220	0.5496	0	124	52	136				
1,1-Dichloroethane	0.727	0.0220	0.5496	0	132	51.8	141				
2,2-Dichloropropane	0.586	0.0550	0.5496	0	107	36	123				
cis-1,2-Dichloroethene	0.716	0.0220	0.5496	0	130	58.6	136				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210192-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **BATCH** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124370**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	0.712	0.0220	0.5496	0.02858	124	53.2	129				
1,1,1-Trichloroethane (TCA)	0.689	0.0220	0.5496	0	125	58.3	145				
1,1-Dichloropropene	0.726	0.0220	0.5496	0	132	55.1	138				
Carbon tetrachloride	0.589	0.0220	0.5496	0	107	53.3	144				
1,2-Dichloroethane (EDC)	0.716	0.0330	0.5496	0	130	51.3	139				
Trichloroethene (TCE)	0.673	0.0330	0.5496	0	123	68.6	132				
1,2-Dichloropropane	0.690	0.0220	0.5496	0	126	59	136				
Bromodichloromethane	0.642	0.0220	0.5496	0	117	50.7	141				
cis-1,3-Dichloropropene	0.673	0.0220	0.5496	0	122	52.3	129				
trans-1,3-Dichloropropene	0.658	0.0330	0.5496	0	120	52.2	138				
1,1,2-Trichloroethane	0.656	0.0330	0.5496	0	119	51.6	137				
1,3-Dichloropropane	0.652	0.0550	0.5496	0	119	53.1	134				
Tetrachloroethene (PCE)	0.545	0.0220	0.5496	0	99.1	44.1	141				
Dibromochloromethane	0.666	0.0330	0.5496	0	121	55.3	140				
Chlorobenzene	0.656	0.0220	0.5496	0	119	60	133				
1,1,1,2-Tetrachloroethane	0.657	0.0330	0.5496	0	120	53.1	142				
1,1,2,2-Tetrachloroethane	0.629	0.0220	0.5496	0	115	51.9	131				
2-Chlorotoluene	0.631	0.0220	0.5496	0	115	51.6	136				
4-Chlorotoluene	0.638	0.0220	0.5496	0	116	50.1	139				
1,2,3-Trichloropropane	0.592	0.0220	0.5496	0	108	50.5	131				
1,2,4-Trichlorobenzene	0.541	0.0550	0.5496	0	98.4	50.8	130				
1,3-Dichlorobenzene	0.657	0.0220	0.5496	0	120	52.6	131				
1,4-Dichlorobenzene	0.625	0.0220	0.5496	0	114	52.9	129				
1,2-Dichlorobenzene	0.619	0.0220	0.5496	0	113	55.8	129				
1,2-Dibromo-3-chloropropane	0.579	0.0330	0.5496	0	105	53	129				
Hexachloro-1,3-butadiene	0.691	0.110	0.5496	0	126	51.5	130				
1,2,3-Trichlorobenzene	0.552	0.0220	0.5496	0	100	54.4	124				
Surr: 1-Bromo-4-fluorobenzene	0.561		0.5496		102	63.1	141				
Surr: Dibromofluoromethane	0.555		0.5496		101	67.6	119				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1210192-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **BATCH** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124370**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.564		0.5496		103	78.5	126				

Sample ID: **LCS-3491** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **LCSS** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124379**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.811	0.0600	1.000	0	81.1	37.7	136				
Chloromethane	0.987	0.0600	1.000	0	98.7	38.8	132				
Vinyl chloride	1.01	0.00200	1.000	0	101	56.1	130				
Trichlorofluoromethane (CFC-11)	0.961	0.0500	1.000	0	96.1	61.8	130				
Chloroethane	1.08	0.0600	1.000	0	108	52.2	131				
1,1-Dichloroethene	1.10	0.0500	1.000	0	110	64.6	134				
Methylene chloride	1.14	0.0200	1.000	0	114	60.6	140				
trans-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	68.7	127				
1,1-Dichloroethane	1.11	0.0200	1.000	0	111	65.5	132				
2,2-Dichloropropane	0.953	0.0500	1.000	0	95.3	28.1	149				
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	71.6	123				
Chloroform	1.05	0.0200	1.000	0	105	67.5	129				
1,1,1-Trichloroethane (TCA)	1.05	0.0200	1.000	0	105	74.4	130				
1,1-Dichloropropene	1.12	0.0200	1.000	0	112	72.7	131				
Carbon tetrachloride	1.01	0.0200	1.000	0	101	73	136				
1,2-Dichloroethane (EDC)	1.09	0.0300	1.000	0	109	68.7	133				
Trichloroethene (TCE)	1.03	0.0300	1.000	0	103	71.5	134				
1,2-Dichloropropane	1.04	0.0200	1.000	0	104	72.7	133				
Bromodichloromethane	1.02	0.0200	1.000	0	102	76.1	136				
cis-1,3-Dichloropropene	1.07	0.0200	1.000	0	107	59.1	143				
trans-1,3-Dichloropropene	1.05	0.0300	1.000	0	105	49.2	149				
1,1,2-Trichloroethane	1.05	0.0300	1.000	0	105	74.5	129				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-3491** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **LCSS** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124379**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	1.05	0.0500	1.000	0	105	70	130				
Tetrachloroethene (PCE)	1.04	0.0200	1.000	0	104	64.4	150				
Dibromochloromethane	1.04	0.0300	1.000	0	104	70.6	144				
Chlorobenzene	1.01	0.0200	1.000	0	101	76.1	123				
1,1,1,2-Tetrachloroethane	1.04	0.0300	1.000	0	104	74.8	131				
1,1,2,2-Tetrachloroethane	0.980	0.0200	1.000	0	98.0	61.9	139				
2-Chlorotoluene	1.04	0.0200	1.000	0	104	76.7	129				
4-Chlorotoluene	1.04	0.0200	1.000	0	104	77.5	125				
1,2,3-Trichloropropane	0.960	0.0200	1.000	0	96.0	67.9	136				
1,2,4-Trichlorobenzene	0.961	0.0500	1.000	0	96.1	65.6	137				
1,3-Dichlorobenzene	1.07	0.0200	1.000	0	107	72.8	128				
1,4-Dichlorobenzene	0.984	0.0200	1.000	0	98.4	72.6	126				
1,2-Dichlorobenzene	1.04	0.0200	1.000	0	104	72.8	126				
1,2-Dibromo-3-chloropropane	1.16	0.0300	1.000	0	116	64.3	135				
Hexachloro-1,3-butadiene	1.06	0.100	1.000	0	106	42	151				
1,2,3-Trichlorobenzene	0.989	0.0200	1.000	0	98.9	62.1	140				
Surr: 1-Bromo-4-fluorobenzene	0.503		0.5000		101	63.1	141				
Surr: Dibromofluoromethane	0.499		0.5000		99.8	67.6	119				
Surr: Toluene-d8	0.501		0.5000		100	78.5	126				

Sample ID: **MB-3491** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **MBLKS** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124380**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-3491** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **MBLKS** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124380**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0300									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1210136
CLIENT: G-Logics
Project: Former Thinker Toys (739)

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-3491** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/22/2012** RunNo: **6265**
Client ID: **MBLKS** Batch ID: **3491** Analysis Date: **10/23/2012** SeqNo: **124380**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: 1-Bromo-4-fluorobenzene	0.505		0.5000		101	63.1	141				
Surr: Dibromofluoromethane	0.509		0.5000		102	67.6	119				
Surr: Toluene-d8	0.504		0.5000		101	78.5	126				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1210136**
Logged by: **Clare Griggs**	Date Received: **10/16/2012 4:45:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required	☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present	☐
3.	How was the sample delivered?	Client					

Log In

4.	Coolers are present?	Yes	☑	No	☐	NA	☐
5.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA	☐
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☑	No	☐	NA	☐
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐		
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐		
9.	Are samples properly preserved?	Yes	☑	No	☐		
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA	☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA	☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐		
13.	Does paperwork match bottle labels?	Yes	☑	No	☐		
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐		
15.	Is it clear what analyses were requested?	Yes	☑	No	☐		
16.	Were all holding times able to be met?	Yes	☑	No	☐		

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks/Disrepancies

Item Information

Item #	Temp ºC	Condition
Cooler	4.9	Good

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1210136

Date: 10/16/12

Page: 1 of:

Client: Co Logics
Address:
City, State, Zip Issaquah Tel:

Project Name: Former Thriftee Toys (739)
Location: Bellevue
Collected by: Dan Hultgren

Reports To (PM): Fax: Email:

Project No: 01-0739-03

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOC (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1	AS-1@5	10/16	1005	Soil															1-402, 2-0014
2	AS-1@10		1020																
3	AS-1@15		1030																
4	AS-1@20		1040																
5	AS-1@25		1050																
6	AS-1@30		1105																
7	AS-1@35		1110																
8	*VE-2@5		1340																
9	VE-2@10		1350																
10																			

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/16/12 16:45	x [signature]	10/16/12 16:45
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT --> NextDay 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1210136a

Date: 10/16/12

Page: 1 of:

Client: Cor Logics

Project Name: Former Thunder Toys (739)

Address:

Location: Bellevue

City, State, Zip: Issaquah

Tel:

Collected by: Jon Hunt

Reports To (PM):

Fax:

Email:

Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX (cf. EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (NWTH)	diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270 - SIM)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 7000)	Total (T)	Dissolved (D)	Anions (IC)**	Comments/Depth
1 AS-1@5	10/16	1000	Soil																1-4oz, 2-VOA
2 AS-1@10		1020																	
3 AS-1@15		1030		[redacted]															
4 AS-1@20		1040		[redacted]															
5 AS-1@25		1050																	
6 AS-1@30		1105																	
7 AS-1@35		1110		[redacted]															
8 VE-2@5		1340																	
9 VE-2@10		1350																	
10																			

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x	10/16/12 16:45	x	10/16/12 16:45
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT→ Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys
Lab ID: 1212044

December 14, 2012

Attention Dan Hatch:

Fremont Analytical, Inc. received 1 sample(s) on 12/7/2012 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method TO-15

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *12/14/2012*

CLIENT: G-Logics
Project: Former Thinker Toys
Lab Order: 1212044

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1212044-001	Ex Stack	12/07/2012 10:45 AM	12/07/2012 12:10 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1212044**
Date: **12/14/2012**

CLIENT: G-Logics
Project: Former Thinker Toys

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry"). Air samples are reported in ppbv and ug/m3.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Client: G-Logics
WorkOrder: 1212044
Project: Former Thinker Toys

Client Sample ID: Ex Stack
Lab ID: 1212044-001A
Sample Type: Tedlar Bag

Date Sampled: 12/7/2012
Date Received: 12/7/2012

Analyte	Concentration (ppbv)	Concentration (ug/m^3)	Reporting Limit (ppbv)	Qual	Test Method	Date Analyzed /Analyst	
Volatile Organic Compounds by EPA Method TO-15							
1,1,1-Trichloroethane	43.0	235	0.200		TO-15	12/07/2012	MD
1,1,2,2-Tetrachloroethane	<0.300	<2.06	0.300		TO-15	12/07/2012	MD
CFC-113	<0.500	<3.83	0.500		TO-15	12/07/2012	MD
1,1,2-Trichloroethane (TCA)	<0.500	<2.73	0.500		TO-15	12/07/2012	MD
1,1-Dichloroethane	0.700	2.83	0.200		TO-15	12/07/2012	MD
1,1-Dichloroethene (DCE)	2.16	8.56	0.200		TO-15	12/07/2012	MD
1,2,4-Trichlorobenzene	<0.300	<2.23	0.300		TO-15	12/07/2012	MD
1,2,4-Trimethylbenzene	1.71	8.41	0.300		TO-15	12/07/2012	MD
1,2-Dibromoethane (EDB)	<0.200	<1.54	0.200		TO-15	12/07/2012	MD
1,2-Dichlorobenzene	<0.300	<1.80	0.300		TO-15	12/07/2012	MD
1,2-Dichloroethane	0.210	0.850	0.200		TO-15	12/07/2012	MD
1,2-Dichloropropane	<0.500	<2.31	0.500		TO-15	12/07/2012	MD
1,3,5-Trimethylbenzene	<0.300	<1.47	0.300		TO-15	12/07/2012	MD
1,3-Butadiene	<0.500	<1.11	0.500		TO-15	12/07/2012	MD
1,3-Dichlorobenzene	<0.300	<1.80	0.300		TO-15	12/07/2012	MD
1,4-Dichlorobenzene	<0.300	<1.80	0.300		TO-15	12/07/2012	MD
1,4-Dioxane	<1.00	<3.60	1.00		TO-15	12/07/2012	MD
(MEK) 2-Butanone	268	790	0.500		TO-15	12/07/2012	MD
2-Hexanone	<1.00	<4.10	1.00		TO-15	12/07/2012	MD
Isopropyl Alcohol	1.12	2.75	1.00		TO-15	12/07/2012	MD
4-Methyl-2-pentanone (MIBK)	<1.00	<4.10	1.00		TO-15	12/07/2012	MD
Acetone	445	1,060	1.00		TO-15	12/07/2012	MD
Acrolein	<0.500	<1.15	0.500		TO-15	12/07/2012	MD
Benzene	1.70	5.43	0.200		TO-15	12/07/2012	MD
Benzyl chloride	<0.500	<2.59	0.500		TO-15	12/07/2012	MD
Dichlorobromomethane	1.10	7.37	0.300		TO-15	12/07/2012	MD
Bromoform	<0.200	<2.07	0.200		TO-15	12/07/2012	MD
Bromomethane	<0.500	<1.94	0.500		TO-15	12/07/2012	MD
Carbon disulfide	0.450	1.40	0.200		TO-15	12/07/2012	MD
Carbon tetrachloride	<0.200	<1.26	0.200		TO-15	12/07/2012	MD
Chlorobenzene	1.22	5.62	0.200		TO-15	12/07/2012	MD
Dibromochloromethane	<0.500	<4.26	0.500		TO-15	12/07/2012	MD
Chloroethane	<0.500	<1.32	0.500		TO-15	12/07/2012	MD
Chloroform	1.02	4.98	0.200		TO-15	12/07/2012	MD
Chloromethane	<0.500	<1.03	0.500		TO-15	12/07/2012	MD
cis-1,2-Dichloroethene	333	1,320	0.200		TO-15	12/07/2012	MD

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit

Client: G-Logics
WorkOrder: 1212044
Project: Former Thinker Toys

Client Sample ID: Ex Stack
Lab ID: 1212044-001A
Sample Type: Tedlar Bag

Date Sampled: 12/7/2012
Date Received: 12/7/2012

Analyte	Concentration (ppbv)	Concentration (ug/m³)	Reporting Limit (ppbv)	Qual	Test Method	Date Analyzed /Analyst	
cis-1,3-dichloropropene	<0.500	<2.27	0.500		TO-15	12/07/2012	MD
Cyclohexane	<0.200	<0.688	0.200		TO-15	12/07/2012	MD
Dichlorodifluoromethane (CFC-12)	<0.300	<1.48	0.300		TO-15	12/07/2012	MD
Dichlorotetrafluoroethane (CFC-114)	<0.500	<3.50	0.500		TO-15	12/07/2012	MD
Ethyl acetate	<1.00	<3.60	1.00		TO-15	12/07/2012	MD
Ethylbenzene	1.56	6.78	0.300		TO-15	12/07/2012	MD
Heptane	<0.500	<2.01	0.500		TO-15	12/07/2012	MD
Hexachlorobutadiene	<1.00	<10.7	1.00		TO-15	12/07/2012	MD
m,p-Xylene	3.46	15.0	0.200	*	TO-15	12/07/2012	MD
Methyl methacrylate	<0.300	<1.23	0.300		TO-15	12/07/2012	MD
Methylene chloride	<0.500	<1.74	0.500		TO-15	12/07/2012	MD
Naphthalene	0.710	3.72	0.300	B	TO-15	12/07/2012	MD
Hexane	0.790	2.78	0.200		TO-15	12/07/2012	MD
o-Xylene	1.56	6.77	0.200		TO-15	12/07/2012	MD
4-Ethyltoluene	<0.300	<1.47	0.300		TO-15	12/07/2012	MD
Propylene	2.81	4.84	0.500		TO-15	12/07/2012	MD
Styrene	<0.300	<1.28	0.300		TO-15	12/07/2012	MD
Methyl tert-butyl ether (MTBE)	<0.200	<0.721	0.200		TO-15	12/07/2012	MD
Tetrachloroethene (PCE)	3,160	21,400	0.300		TO-15	12/07/2012	MD
Tetrahydrofuran	643	1,900	0.500		TO-15	12/07/2012	MD
Toluene	5.75	21.7	0.200		TO-15	12/07/2012	MD
trans-1,2-Dichloroethene	12.1	47.9	0.200		TO-15	12/07/2012	MD
trans-1,3-dichloropropene	<0.500	<2.27	0.500		TO-15	12/07/2012	MD
Trichloroethene (TCE)	240	1,290	0.200		TO-15	12/07/2012	MD
Trichlorofluoromethane (CFC-11)	<0.300	<1.69	0.300		TO-15	12/07/2012	MD
Vinyl acetate	<1.00	<3.52	1.00	*	TO-15	12/07/2012	MD
Vinyl chloride	0.360	0.920	0.200		TO-15	12/07/2012	MD
Surr: 4-Bromofluorobenzene	93.0 %Rec	--	70-130		TO-15	12/07/2012	MD

NOTES:
* - Flagged value is not within established control limits.

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit

Work Order: 1212044
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R691** SampType: **LCS** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **LCSW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137312**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	4.34	0.500	5.000	0	86.8	70	130				
Dichlorodifluoromethane (CFC-12)	4.12	0.300	5.000	0	82.4	70	130				
Chloromethane	4.19	0.500	5.000	0	83.7	70	130				
Dichlorotetrafluoroethane (CFC-114)	4.32	0.500	5.000	0	86.3	70	130				
Vinyl chloride	4.43	0.200	5.000	0	88.6	70	130				
1,3-Butadiene	4.62	0.500	5.000	0	92.3	70	130				
Bromomethane	4.57	0.500	5.000	0	91.4	70	130				
Trichlorofluoromethane (CFC-11)	4.50	0.300	5.000	0	89.9	70	130				
Chloroethane	4.18	0.500	5.000	0	83.5	70	130				
Acrolein	4.43	0.500	5.000	0	88.6	70	130				
1,1-Dichloroethene (DCE)	4.08	0.200	5.000	0	81.6	70	130				
Acetone	3.72	1.00	5.000	0	74.5	70	130				
Isopropyl Alcohol	4.58	1.00	5.000	0	91.6	70	130				
Methylene chloride	15.0	0.500	5.000	0	300	70	130				SE
Carbon disulfide	4.28	0.200	5.000	0	85.7	70	130				
trans-1,2-Dichloroethene	4.10	0.200	5.000	0	81.9	70	130				
Methyl tert-butyl ether (MTBE)	4.57	0.200	5.000	0	91.3	70	130				
Hexane	4.80	0.200	5.000	0	96.0	70	130				
1,1-Dichloroethane	4.67	0.200	5.000	0	93.4	70	130				
Vinyl acetate	3.20	1.00	5.000	0	64.1	70	130				S
cis-1,2-Dichloroethene	4.32	0.200	5.000	0	86.3	70	130				
(MEK) 2-Butanone	4.60	0.500	5.000	0	91.9	70	130				
Ethyl acetate	4.53	1.00	5.000	0	90.6	70	130				
Chloroform	4.31	0.200	5.000	0	86.2	70	130				
Tetrahydrofuran	4.37	0.500	5.000	0	87.4	70	130				
1,1,1-Trichloroethane	4.45	0.200	5.000	0	89.0	70	130				
Carbon tetrachloride	3.88	0.200	5.000	0	77.6	70	130				
1,2-Dichloroethane	4.00	0.200	5.000	0	80.0	70	130				
Benzene	4.40	0.200	5.000	0	88.1	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212044
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R691** SampType: **LCS** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **LCSW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137312**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyclohexane	5.14	0.200	5.000	0	103	70	130				
Trichloroethene (TCE)	4.46	0.200	5.000	0	89.2	70	130				
1,2-Dichloropropane	4.27	0.500	5.000	0	85.3	70	130				
Methyl methacrylate	4.02	0.300	5.000	0	80.3	70	130				
Dichlorobromomethane	4.23	0.300	5.000	0	84.5	70	130				
1,4-Dioxane	4.32	1.00	5.000	0	86.5	70	130				
cis-1,3-dichloropropene	4.29	0.500	5.000	0	85.8	70	130				
Toluene	4.06	0.200	5.000	0	81.2	70	130				
trans-1,3-dichloropropene	4.30	0.500	5.000	0	86.0	70	130				
1,1,2-Trichloroethane (TCA)	4.24	0.500	5.000	0	84.8	70	130				
Tetrachloroethene (PCE)	4.07	0.300	5.000	0	81.4	70	130				
Dibromochloromethane	4.06	0.500	5.000	0	81.1	70	130				
1,2-Dibromoethane (EDB)	3.94	0.200	5.000	0	78.8	70	130				
Chlorobenzene	4.62	0.200	5.000	0	92.4	70	130				
Ethylbenzene	5.14	0.300	5.000	0	103	70	130				
m,p-Xylene	3.16	0.200	5.000	0	63.3	70	130				S
o-Xylene	4.96	0.200	5.000	0	99.2	70	130				
Styrene	4.88	0.300	5.000	0	97.6	70	130				
Bromoform	4.94	0.200	5.000	0	98.7	70	130				
1,1,2,2-Tetrachloroethane	5.08	0.300	5.000	0	102	70	130				
1,3,5-Trimethylbenzene	4.65	0.300	5.000	0	93.0	70	130				
1,2,4-Trimethylbenzene	4.25	0.300	5.000	0	85.0	70	130				
Benzyl chloride	5.66	0.500	5.000	0	113	70	130				
4-Ethyltoluene	4.24	0.300	5.000	0	84.7	70	130				
1,3-Dichlorobenzene	4.73	0.300	5.000	0	94.5	70	130				
1,4-Dichlorobenzene	4.71	0.300	5.000	0	94.2	70	130				
1,2-Dichlorobenzene	4.81	0.300	5.000	0	96.2	70	130				
1,2,4-Trichlorobenzene	4.35	0.300	5.000	0	87.0	70	130				B
Hexachlorobutadiene	5.70	1.00	5.000	0	114	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212044
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **LCS-R691** SampType: **LCS** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **LCSW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137312**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	5.05	0.300	5.000	0	101	70	130				B
2-Hexanone	4.46	1.00	5.000	0	89.3	70	130				
4-Methyl-2-pentanone (MIBK)	6.51	1.00	5.000	0	130	70	130				S
CFC-113	4.92	0.500	5.000	0	98.5	70	130				
Heptane	6.72	0.500	5.000	0	134	70	130				S
Surr: 4-Bromofluorobenzene	4.56		5.000		91.1	70	130				

NOTES:
S - Outlying spike recoveries were associated with this sample. Corresponding samples are marked with an *. 4-Methyl-2-pentanone, Heptane and Methylene Chloride are biased high and the samples are non-detect

Sample ID: **MB-R691** SampType: **MBLK** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **MBLKW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137313**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.500									
Dichlorodifluoromethane (CFC-12)	ND	0.300									
Chloromethane	ND	0.500									
Dichlorotetrafluoroethane (CFC-114)	ND	0.500									
Vinyl chloride	ND	0.200									
1,3-Butadiene	ND	0.500									
Bromomethane	ND	0.500									
Trichlorofluoromethane (CFC-11)	ND	0.300									
Chloroethane	ND	0.500									
Acrolein	ND	0.500									
1,1-Dichloroethene (DCE)	ND	0.200									
Acetone	ND	1.00									
Isopropyl Alcohol	ND	1.00									
Methylene chloride	ND	0.500									
Carbon disulfide	ND	0.200									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212044
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **MB-R691** SampType: **MBLK** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **MBLKW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137313**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.200									
Methyl tert-butyl ether (MTBE)	ND	0.200									
Hexane	ND	0.200									
1,1-Dichloroethane	ND	0.200									
Vinyl acetate	ND	1.00									*
cis-1,2-Dichloroethene	ND	0.200									
(MEK) 2-Butanone	ND	0.500									
Ethyl acetate	ND	1.00									
Chloroform	ND	0.200									
Tetrahydrofuran	ND	0.500									
1,1,1-Trichloroethane	ND	0.200									
Carbon tetrachloride	ND	0.200									
1,2-Dichloroethane	ND	0.200									
Benzene	ND	0.200									
Cyclohexane	ND	0.200									
Trichloroethene (TCE)	ND	0.200									
1,2-Dichloropropane	ND	0.500									
Methyl methacrylate	ND	0.300									
Dichlorobromomethane	ND	0.300									
1,4-Dioxane	ND	1.00									
cis-1,3-dichloropropene	ND	0.500									
Toluene	ND	0.200									
trans-1,3-dichloropropene	ND	0.500									
1,1,2-Trichloroethane (TCA)	ND	0.500									
Tetrachloroethene (PCE)	ND	0.300									
Dibromochloromethane	ND	0.500									
1,2-Dibromoethane (EDB)	ND	0.200									
Chlorobenzene	ND	0.200									
Ethylbenzene	ND	0.300									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212044
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method TO-15

Sample ID: **MB-R691** SampType: **MBLK** Units: **ppbv** Prep Date: **12/7/2012** RunNo: **6910**
Client ID: **MBLKW** Batch ID: **R6910** Analysis Date: **12/7/2012** SeqNo: **137313**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.200									*
o-Xylene	ND	0.200									
Styrene	ND	0.300									
Bromoform	ND	0.200									
1,1,2,2-Tetrachloroethane	ND	0.300									
1,3,5-Trimethylbenzene	ND	0.300									
1,2,4-Trimethylbenzene	ND	0.300									
Benzyl chloride	ND	0.500									
4-Ethyltoluene	ND	0.300									
1,3-Dichlorobenzene	ND	0.300									
1,4-Dichlorobenzene	ND	0.300									
1,2-Dichlorobenzene	ND	0.300									
1,2,4-Trichlorobenzene	0.780	0.300									
Hexachlorobutadiene	ND	1.00									
Naphthalene	0.570	0.300									
2-Hexanone	ND	1.00									
4-Methyl-2-pentanone (MIBK)	ND	1.00									
CFC-113	ND	0.500									
Heptane	ND	0.500									
Surr: 4-Bromofluorobenzene	4.33		5.000		86.6	70	130				

NOTES:
* - Flagged value is not within established control limits.

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1212044**
Logged by: **Clare Griggs**	Date Received: **12/7/2012 12:10:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required	☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present	☐
3.	How was the sample delivered?	Client					

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA	☐
		Air Sample					
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA	☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA	☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐		
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐		
9.	Are samples properly preserved?	Yes	☑	No	☐		
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA	☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA	☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐		
13.	Does paperwork match bottle labels?	Yes	☑	No	☐		
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐		
15.	Is it clear what analyses were requested?	Yes	☑	No	☐		
16.	Were all holding times able to be met?	Yes	☑	No	☐		

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA	☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks/Disrepancies

TO-15 per t/c from Dan Hatch.

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1212044

Date: 12/7/12

Page: 1 of: 1

Client: G-Logics

Address:

City, State, Zip: Tel:

Project Name: Former Thinker Toys

Location: Bellevue

Collected by: DH 253 389 5334

Reports To (PM): Fax: Email:

Project No: 01-0739B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SIM VOC (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1 Ex Stack	12/7	1045	Air	X													
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Dan Hatim	12/7 12:10		
Relinquished	Date/Time	Received	Date/Time
x		x	12.7.12 1010

TAT --> Next Day 2 Day 3 Day (STD)

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker
Lab ID: 1212166

January 02, 2013

Attention Dan Hatch:

Fremont Analytical, Inc. received 1 sample(s) on 12/28/2012 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *01/02/2013*

CLIENT: G-Logics
Project: Former Thinker
Lab Order: 1212166

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1212166-001	Ex Stack	12/28/2012 12:00 PM	12/28/2012 1:00 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1212166**
Date: **1/2/2013**

CLIENT: G-Logics
Project: Former Thinker

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1212166**
Date Reported: **1/2/2013**

Client: G-Logics
Collection Date: 12/28/2012 12:00:00 PM
Project: Former Thinker
Lab ID: 1212166-001
Matrix: Air
Client Sample ID: Ex Stack

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7062 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Chloromethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Vinyl chloride	ND	0.0200		µg/L	1	12/31/2012 8:21:00 AM
Bromomethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Trichlorofluoromethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Chloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Methylene chloride	0.106	0.100		µg/L	1	12/31/2012 8:21:00 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	12/31/2012 8:21:00 AM
cis-1,2-Dichloroethene	0.110	0.100		µg/L	1	12/31/2012 8:21:00 AM
Chloroform	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Carbon tetrachloride	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2-Dichloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Benzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Trichloroethene (TCE)	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Dichlorobromomethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Dibromomethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Toluene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Tetrachloroethene (PCE)	28.0	1.00	D	µg/L	10	12/31/2012 12:38:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	12/31/2012 8:21:00 AM
Chlorobenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Ethylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
m,p-Xylene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1212166**
Date Reported: **1/2/2013**

Client: G-Logics
Collection Date: 12/28/2012 12:00:00 PM
Project: Former Thinker
Lab ID: 1212166-001
Matrix: Air
Client Sample ID: Ex Stack

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7062		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Styrene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Isopropylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Bromoform	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
n-Propylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Bromobenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
2-Chlorotoluene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
4-Chlorotoluene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
tert-Butylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	12/31/2012 8:21:00 AM
sec-Butylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
n-Butylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	12/31/2012 8:21:00 AM
Naphthalene	ND	0.100		µg/L	1	12/31/2012 8:21:00 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	12/31/2012 8:21:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	74.8-123		%REC	1	12/31/2012 8:21:00 AM
Surr: Dibromofluoromethane	99.9	78.5-114		%REC	1	12/31/2012 8:21:00 AM
Surr: Toluene-d8	98.3	83.5-113		%REC	1	12/31/2012 8:21:00 AM

NOTES:
Methylene Chloride is a common laboratory solvent.

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7062** SampType: **LCS** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139873**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.96	0.100	2.000	0	98.2	45.1	121				
Chloromethane	1.95	0.100	2.000	0	97.7	42.5	131				
Vinyl chloride	1.99	0.0200	2.000	0	99.3	56.2	130				
Bromomethane	1.93	0.100	2.000	0	96.7	45.4	138				
Trichlorofluoromethane	1.99	0.100	2.000	0	99.4	64.7	129				
Chloroethane	1.98	0.100	2.000	0	99.0	62.5	123				
1,1-Dichloroethene	2.01	0.100	2.000	0	101	60.7	146				
Methylene chloride	2.00	0.100	2.000	0	100	60.3	135				
trans-1,2-Dichloroethene	1.99	0.100	2.000	0	99.6	71.3	129				
Methyl tert-butyl ether (MTBE)	1.95	0.100	2.000	0	97.4	75.4	123				
1,1-Dichloroethane	2.02	0.100	2.000	0	101	71.3	129				
2,2-Dichloropropane	1.94	0.200	2.000	0	96.8	37.8	132				
cis-1,2-Dichloroethene	1.95	0.100	2.000	0	97.6	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.6	70.3	123				
1,1,1-Trichloroethane (TCA)	2.01	0.100	2.000	0	100	67.9	134				
1,1-Dichloropropene	1.96	0.100	2.000	0	97.9	72.1	133				
Carbon tetrachloride	1.99	0.100	2.000	0	99.6	68	136				
1,2-Dichloroethane	1.98	0.100	2.000	0	98.9	65.8	126				
Benzene	2.02	0.100	2.000	0	101	75.2	124				
Trichloroethene (TCE)	2.03	0.100	2.000	0	101	71.9	130				
1,2-Dichloropropane	2.05	0.100	2.000	0	103	71.9	131				
Dichlorobromomethane	1.88	0.100	2.000	0	93.8	70	130				
Dibromomethane	2.01	0.100	2.000	0	100	74.2	125				
cis-1,3-Dichloropropene	1.90	0.100	2.000	0	95.1	62.8	135				
Toluene	1.97	0.100	2.000	0	98.6	75.2	129				
trans-1,3-Dichloropropene	1.91	0.100	2.000	0	95.7	58.1	138				
1,1,2-Trichloroethane	1.97	0.100	2.000	0	98.6	65.4	128				
1,3-Dichloropropane	1.92	0.100	2.000	0	96.0	71.9	131				
Tetrachloroethene (PCE)	2.06	0.100	2.000	0	103	52.4	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7062** SampType: **LCS** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139873**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.96	0.100	2.000	0	97.9	68.7	139				
1,2-Dibromoethane (EDB)	1.89	0.00100	2.000	0	94.4	71.2	129				
Chlorobenzene	1.99	0.100	2.000	0	99.6	77.2	122				
1,1,1,2-Tetrachloroethane	1.94	0.100	2.000	0	97.1	76.2	130				
Ethylbenzene	2.01	0.100	2.000	0	100	78	127				
m,p-Xylene	3.97	0.100	4.000	0	99.4	77.5	130				
o-Xylene	1.96	0.100	2.000	0	98.1	77.6	126				
Styrene	1.97	0.100	2.000	0	98.3	66.8	137				
Isopropylbenzene	2.00	0.100	2.000	0	100	75.9	133				
Bromoform	1.83	0.100	2.000	0	91.4	69.9	142				
1,1,2,2-Tetrachloroethane	1.82	0.100	2.000	0	91.1	68	134				
n-Propylbenzene	1.96	0.100	2.000	0	98.0	77.1	133				
Bromobenzene	1.92	0.100	2.000	0	96.2	71.1	131				
1,3,5-Trimethylbenzene	1.97	0.100	2.000	0	98.6	76.2	133				
2-Chlorotoluene	1.89	0.100	2.000	0	94.6	67.1	137				
4-Chlorotoluene	1.93	0.100	2.000	0	96.6	70.7	132				
tert-Butylbenzene	1.98	0.100	2.000	0	98.9	71.3	139				
1,2,3-Trichloropropane	1.89	0.100	2.000	0	94.6	70.8	132				
1,2,4-Trichlorobenzene	2.00	0.200	2.000	0	99.9	61.4	139				
sec-Butylbenzene	1.99	0.100	2.000	0	99.3	77.4	136				
4-Isopropyltoluene	2.01	0.100	2.000	0	101	78.1	131				
1,3-Dichlorobenzene	2.02	0.100	2.000	0	101	73.5	125				
1,4-Dichlorobenzene	1.93	0.100	2.000	0	96.7	71.4	125				
n-Butylbenzene	2.06	0.100	2.000	0	103	69.8	138				
1,2-Dichlorobenzene	2.09	0.100	2.000	0	104	74.2	123				
1,2-Dibromo-3-chloropropane	1.88	0.100	2.000	0	93.8	66.1	138				
1,2,4-Trimethylbenzene	2.00	0.100	2.000	0	100	72.3	133				
Hexachlorobutadiene	1.73	0.400	2.000	0	86.7	60.9	141				
Naphthalene	1.88	0.100	2.000	0	94.2	58.2	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7062** SampType: **LCS** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139873**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	1.91	0.400	2.000	0	95.6	61.3	133				
Surr: 1-Bromo-4-fluorobenzene-BFB	1.02		1.000		102	74.8	123				
Surr: Dibromofluoromethane	0.977		1.000		97.7	78.5	114				
Surr: Toluene-d8	0.996		1.000		99.6	83.5	113				

Sample ID: **LCSD-R7062** SampType: **LCSD** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW02** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139874**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.88	0.100	2.000	0	94.2	45.1	121	1.964	4.21	0	
Chloromethane	1.92	0.100	2.000	0	96.1	42.5	131	1.953	1.60	0	
Vinyl chloride	1.97	0.0200	2.000	0	98.5	56.2	130	1.985	0.759	0	
Bromomethane	1.99	0.100	2.000	0	99.7	45.4	138	1.934	3.05	0	
Trichlorofluoromethane	1.96	0.100	2.000	0	98.1	64.7	129	1.989	1.37	0	
Chloroethane	1.97	0.100	2.000	0	98.4	62.5	123	1.981	0.709	0	
1,1-Dichloroethene	1.99	0.100	2.000	0	99.4	60.7	146	2.012	1.20	0	
Methylene chloride	1.95	0.100	2.000	0	97.7	60.3	135	2.000	2.38	0	
trans-1,2-Dichloroethene	1.97	0.100	2.000	0	98.4	71.3	129	1.993	1.26	0	
Methyl tert-butyl ether (MTBE)	1.99	0.100	2.000	0	99.7	75.4	123	1.947	2.39	0	
1,1-Dichloroethane	2.03	0.100	2.000	0	102	71.3	129	2.023	0.345	0	
2,2-Dichloropropane	1.87	0.200	2.000	0	93.6	37.8	132	1.936	3.31	0	
cis-1,2-Dichloroethene	1.95	0.100	2.000	0	97.3	67.5	127	1.952	0.308	0	
Chloroform	2.00	0.100	2.000	0	99.9	70.3	123	1.993	0.251	0	
1,1,1-Trichloroethane (TCA)	2.00	0.100	2.000	0	100	67.9	134	2.007	0.150	0	
1,1-Dichloropropene	2.04	0.100	2.000	0	102	72.1	133	1.957	4.40	0	
Carbon tetrachloride	1.95	0.100	2.000	0	97.4	68	136	1.993	2.28	0	
1,2-Dichloroethane	1.95	0.100	2.000	0	97.7	65.8	126	1.977	1.17	0	
Benzene	1.98	0.100	2.000	0	98.8	75.2	124	2.018	2.10	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7062** SampType: **LCSD** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW02** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139874**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	2.02	0.100	2.000	0	101	71.9	130	2.027	0.495	0	
1,2-Dichloropropane	2.17	0.100	2.000	0	109	71.9	131	2.054	5.54	0	
Dichlorobromomethane	1.90	0.100	2.000	0	94.9	70	130	1.876	1.17	0	
Dibromomethane	2.07	0.100	2.000	0	103	74.2	125	2.007	2.95	0	
cis-1,3-Dichloropropene	1.93	0.100	2.000	0	96.3	62.8	135	1.902	1.25	0	
Toluene	1.99	0.100	2.000	0	99.3	75.2	129	1.973	0.657	0	
trans-1,3-Dichloropropene	1.91	0.100	2.000	0	95.6	58.1	138	1.914	0.0523	0	
1,1,2-Trichloroethane	2.02	0.100	2.000	0	101	65.4	128	1.971	2.31	0	
1,3-Dichloropropane	1.96	0.100	2.000	0	97.8	71.9	131	1.919	1.86	0	
Tetrachloroethene (PCE)	2.06	0.100	2.000	0	103	52.4	140	2.063	0.194	0	
Dibromochloromethane	2.02	0.100	2.000	0	101	68.7	139	1.957	3.22	0	
1,2-Dibromoethane (EDB)	1.95	0.00100	2.000	0	97.6	71.2	129	1.888	3.33	0	
Chlorobenzene	1.99	0.100	2.000	0	99.6	77.2	122	1.993	0	0	
1,1,1,2-Tetrachloroethane	1.96	0.100	2.000	0	98.2	76.2	130	1.942	1.13	0	
Ethylbenzene	2.02	0.100	2.000	0	101	78	127	2.006	0.794	0	
m,p-Xylene	3.98	0.100	4.000	0	99.4	77.5	130	3.974	0.0755	0	
o-Xylene	1.98	0.100	2.000	0	98.9	77.6	126	1.962	0.762	0	
Styrene	1.97	0.100	2.000	0	98.7	66.8	137	1.966	0.406	0	
Isopropylbenzene	2.02	0.100	2.000	0	101	75.9	133	2.001	1.14	0	
Bromoform	1.91	0.100	2.000	0	95.6	69.9	142	1.829	4.49	0	
1,1,2,2-Tetrachloroethane	1.95	0.100	2.000	0	97.4	68	134	1.821	6.74	0	
n-Propylbenzene	2.01	0.100	2.000	0	100	77.1	133	1.959	2.42	0	
Bromobenzene	2.00	0.100	2.000	0	99.8	71.1	131	1.925	3.57	0	
1,3,5-Trimethylbenzene	2.01	0.100	2.000	0	100	76.2	133	1.973	1.81	0	
2-Chlorotoluene	1.86	0.100	2.000	0	92.8	67.1	137	1.892	1.92	0	
4-Chlorotoluene	1.99	0.100	2.000	0	99.6	70.7	132	1.931	3.16	0	
tert-Butylbenzene	1.96	0.100	2.000	0	98.2	71.3	139	1.977	0.609	0	
1,2,3-Trichloropropane	2.00	0.100	2.000	0	99.8	70.8	132	1.893	5.30	0	
1,2,4-Trichlorobenzene	1.88	0.200	2.000	0	94.0	61.4	139	1.998	6.09	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7062** SampType: **LCSD** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **LCSW02** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139874**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	2.03	0.100	2.000	0	101	77.4	136	1.985	2.19	0	
4-Isopropyltoluene	2.02	0.100	2.000	0	101	78.1	131	2.010	0.645	0	
1,3-Dichlorobenzene	1.96	0.100	2.000	0	98.0	73.5	125	2.017	2.82	0	
1,4-Dichlorobenzene	1.94	0.100	2.000	0	97.2	71.4	125	1.933	0.619	0	
n-Butylbenzene	2.00	0.100	2.000	0	100	69.8	138	2.058	2.66	0	
1,2-Dichlorobenzene	1.98	0.100	2.000	0	99.0	74.2	123	2.087	5.26	0	
1,2-Dibromo-3-chloropropane	1.90	0.100	2.000	0	95.2	66.1	138	1.876	1.48	0	
1,2,4-Trimethylbenzene	2.01	0.100	2.000	0	101	72.3	133	2.001	0.648	0	
Hexachlorobutadiene	1.37	0.400	2.000	0	68.4	60.9	141	1.734	23.6	0	
Naphthalene	1.93	0.100	2.000	0	96.6	58.2	140	1.883	2.52	0	
1,2,3-Trichlorobenzene	2.02	0.400	2.000	0	101	61.3	133	1.911	5.35	0	
Surr: 1-Bromo-4-fluorobenzene-BFB	1.03		1.000		103	74.8	123		0	0	
Surr: Dibromofluoromethane	0.997		1.000		99.7	78.5	114		0	0	
Surr: Toluene-d8	0.984		1.000		98.4	83.5	113		0	0	

Sample ID: **MB-R7062** SampType: **MBLK** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **MBLKW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139875**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7062** SampType: **MBLK** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **MBLKW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139875**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.100									
1,2-Dichloropropane	ND	0.100									
Dichlorobromomethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.00100									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1212166
CLIENT: G-Logics
Project: Former Thinker

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7062** SampType: **MBLK** Units: **µg/L** Prep Date: **12/31/2012** RunNo: **7062**
Client ID: **MBLKW** Batch ID: **R7062** Analysis Date: **12/31/2012** SeqNo: **139875**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: 1-Bromo-4-fluorobenzene-BFB	0.993		1.000		99.3	74.8	123				
Surr: Dibromofluoromethane	1.01		1.000		101	78.5	114				
Surr: Toluene-d8	1.01		1.000		101	83.5	113				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1212166**
Logged by: **Clare Griggs**	Date Received: **12/28/2012 1:00:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required ☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA ☐
		Air Sample				
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA ☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
9.	Are samples properly preserved?	Yes	☑	No	☐	
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA ☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐	
13.	Does paperwork match bottle labels?	Yes	☑	No	☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
15.	Is it clear what analyses were requested?	Yes	☑	No	☐	
16.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

18. Additional remarks/Disrepancies

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1212166

Date: 12-28-12

Page: 1 of: 1

Client: G-Logics

Address:

City, State, Zip Tel:

Project Name: Former Thinker

Location: Bellevue

Collected by: Dan Hatch 253-389-5334

Reports To (PM): Fax: Email:

Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260) TO-15	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1 Ex Stack	12/28	1200	Air	X														
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cc Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Dan Hatch	12/28/12 1300	x	12/28/12 1300
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT --> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (Internal): 1212166

Date: 12-28-12

Page: 1 of: 1

Client: G-Logics
Address:
City, State, Zip: Tel:

Project Name: Former Thriftway
Location: Bellevue
Collected by: Dan Hatch 253-389-5334

Reports To (PM): Fax: Email:

Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (Extended) 8260	GX/BTEX by EPA 8021B	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (NWTPH)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081A)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)**	Comments/Depth
1 Ex Stack	12/28	12:00	Air	X														Change to VOC 8260 (Air) per client request 12.28.12 eg
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
1 Dan Hatch	12/28/12 1300	1	12/28/12 1300
2		2	
3		3	

TAT -> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys
Lab ID: 1301022

January 09, 2013

Attention Dan Hatch:

Fremont Analytical, Inc. received 1 sample(s) on 1/7/2013 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *01/09/2013*

CLIENT: G-Logics
Project: Former Thinker Toys
Lab Order: 1301022

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1301022-001	EX Stack	01/05/2013 12:20 PM	01/07/2013 11:55 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1301022**
Date: **1/9/2013**

CLIENT: G-Logics
Project: Former Thinker Toys

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1301022**
Date Reported: **1/9/2013**

Client: G-Logics
Collection Date: 1/5/2013 12:20:00 PM
Project: Former Thinker Toys
Lab ID: 1301022-001
Matrix: Air
Client Sample ID: EX Stack

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7104 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Chloromethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Vinyl chloride	ND	0.0200		µg/L	1	1/8/2013 8:30:00 AM
Bromomethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Trichlorofluoromethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Chloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Methylene chloride	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	1/8/2013 8:30:00 AM
cis-1,2-Dichloroethene	0.103	0.100		µg/L	1	1/8/2013 8:30:00 AM
Chloroform	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Carbon tetrachloride	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2-Dichloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Benzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Trichloroethene (TCE)	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Dichlorobromomethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Dibromomethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Toluene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Tetrachloroethene (PCE)	26.5	1.00	D	µg/L	10	1/8/2013 8:59:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	1/8/2013 8:30:00 AM
Chlorobenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Ethylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
m,p-Xylene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301022**
Date Reported: **1/9/2013**

Client: G-Logics
Collection Date: 1/5/2013 12:20:00 PM
Project: Former Thinker Toys
Lab ID: 1301022-001
Matrix: Air
Client Sample ID: EX Stack

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7104		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Styrene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Isopropylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Bromoform	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
n-Propylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Bromobenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
2-Chlorotoluene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
4-Chlorotoluene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
tert-Butylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	1/8/2013 8:30:00 AM
sec-Butylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
n-Butylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	1/8/2013 8:30:00 AM
Naphthalene	ND	0.100		µg/L	1	1/8/2013 8:30:00 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	1/8/2013 8:30:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	74.8-123		%REC	1	1/8/2013 8:30:00 AM
Surr: Dibromofluoromethane	104	78.5-114		%REC	1	1/8/2013 8:30:00 AM
Surr: Toluene-d8	100	83.5-113		%REC	1	1/8/2013 8:30:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7104** SampType: **MBLK** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **MBLKW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140963**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.100									
1,2-Dichloropropane	ND	0.100									
Dichlorobromomethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7104** SampType: **MBLK** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **MBLKW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140963**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.00100									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7104** SampType: **MBLK** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **MBLKW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140963**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	0.400									
Surr: 1-Bromo-4-fluorobenzene-BFB	1.19		1.000		119	74.8	123				
Surr: Dibromofluoromethane	0.892		1.000		89.2	78.5	114				
Surr: Toluene-d8	1.00		1.000		100	83.5	113				

Sample ID: **LCS-R7104** SampType: **LCS** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140967**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.81	0.100	2.000	0	90.5	45.1	121				
Chloromethane	1.56	0.100	2.000	0	77.9	42.5	131				
Vinyl chloride	1.49	0.0200	2.000	0	74.6	56.2	130				
Bromomethane	2.66	0.100	2.000	0	133	45.4	138				
Trichlorofluoromethane	2.02	0.100	2.000	0	101	64.7	129				
Chloroethane	1.38	0.100	2.000	0	68.8	62.5	123				
1,1-Dichloroethene	1.50	0.100	2.000	0	75.2	60.7	146				
Methylene chloride	1.46	0.100	2.000	0	72.9	60.3	135				
trans-1,2-Dichloroethene	1.91	0.100	2.000	0	95.6	71.3	129				
Methyl tert-butyl ether (MTBE)	2.07	0.100	2.000	0	104	75.4	123				
1,1-Dichloroethane	1.54	0.100	2.000	0	77.2	71.3	129				
2,2-Dichloropropane	1.60	0.200	2.000	0	80.1	37.8	132				
cis-1,2-Dichloroethene	2.06	0.100	2.000	0	103	67.5	127				
Chloroform	2.06	0.100	2.000	0	103	70.3	123				
1,1,1-Trichloroethane (TCA)	2.08	0.100	2.000	0	104	67.9	134				
1,1-Dichloropropene	1.76	0.100	2.000	0	88.2	72.1	133				
Carbon tetrachloride	1.71	0.100	2.000	0	85.6	68	136				
1,2-Dichloroethane	1.55	0.100	2.000	0	77.3	65.8	126				
Benzene	1.92	0.100	2.000	0	96.1	75.2	124				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7104** SampType: **LCS** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140967**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	2.21	0.100	2.000	0	110	71.9	130				
1,2-Dichloropropane	1.58	0.100	2.000	0	79.1	71.9	131				
Dichlorobromomethane	2.11	0.100	2.000	0	106	70	130				
Dibromomethane	2.34	0.100	2.000	0	117	74.2	125				
cis-1,3-Dichloropropene	1.80	0.100	2.000	0	90.2	62.8	135				
Toluene	2.05	0.100	2.000	0	102	75.2	129				
trans-1,3-Dichloropropene	2.43	0.100	2.000	0	121	58.1	138				
1,1,2-Trichloroethane	2.22	0.100	2.000	0	111	65.4	128				
1,3-Dichloropropane	2.14	0.100	2.000	0	107	71.9	131				
Tetrachloroethene (PCE)	2.05	0.100	2.000	0	103	52.4	140				
Dibromochloromethane	1.65	0.100	2.000	0	82.3	68.7	139				
1,2-Dibromoethane (EDB)	1.67	0.00100	2.000	0	83.7	71.2	129				
Chlorobenzene	1.83	0.100	2.000	0	91.4	77.2	122				
1,1,1,2-Tetrachloroethane	2.18	0.100	2.000	0	109	76.2	130				
Ethylbenzene	2.47	0.100	2.000	0	124	78	127				
m,p-Xylene	4.57	0.100	4.000	0	114	77.5	130				
o-Xylene	2.47	0.100	2.000	0	123	77.6	126				
Styrene	2.09	0.100	2.000	0	104	66.8	137				
Isopropylbenzene	2.06	0.100	2.000	0	103	75.9	133				
Bromoform	2.59	0.100	2.000	0	129	69.9	142				
1,1,2,2-Tetrachloroethane	2.05	0.100	2.000	0	103	68	134				
n-Propylbenzene	2.26	0.100	2.000	0	113	77.1	133				
Bromobenzene	2.11	0.100	2.000	0	106	71.1	131				
1,3,5-Trimethylbenzene	2.05	0.100	2.000	0	103	76.2	133				
2-Chlorotoluene	2.34	0.100	2.000	0	117	67.1	137				
4-Chlorotoluene	2.38	0.100	2.000	0	119	70.7	132				
tert-Butylbenzene	1.60	0.100	2.000	0	79.8	71.3	139				
1,2,3-Trichloropropane	1.90	0.100	2.000	0	95.0	70.8	132				
1,2,4-Trichlorobenzene	2.50	0.200	2.000	0	125	61.4	139				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7104** SampType: **LCS** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140967**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	1.98	0.100	2.000	0	99.0	77.4	136				
4-Isopropyltoluene	1.33	0.100	2.000	0	66.3	78.1	131				S
1,3-Dichlorobenzene	1.81	0.100	2.000	0	90.7	73.5	125				
1,4-Dichlorobenzene	1.84	0.100	2.000	0	92.2	71.4	125				
n-Butylbenzene	1.94	0.100	2.000	0	97.2	69.8	138				
1,2-Dichlorobenzene	1.88	0.100	2.000	0	94.0	74.2	123				
1,2-Dibromo-3-chloropropane	2.04	0.100	2.000	0	102	66.1	138				
1,2,4-Trimethylbenzene	2.27	0.100	2.000	0	114	72.3	133				
Hexachlorobutadiene	1.25	0.400	2.000	0	62.4	60.9	141				
Naphthalene	1.40	0.100	2.000	0	70.1	58.2	140				
1,2,3-Trichlorobenzene	2.16	0.400	2.000	0	108	61.3	133				
Surr: 1-Bromo-4-fluorobenzene-BFB	1.10		1.000		110	74.8	123				
Surr: Dibromofluoromethane	0.890		1.000		89.0	78.5	114				
Surr: Toluene-d8	1.00		1.000		100	83.5	113				

NOTES:
S - Outlying QC recoveries were associated with this sample (4-Isopropyltoluene). The method is in control as indicated by the LCSD.

Sample ID: **LCSD-R7104** SampType: **LCSD** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW02** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140968**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.71	0.100	2.000	0	85.4	45.1	121	1.810	5.74	0	
Chloromethane	1.54	0.100	2.000	0	76.8	42.5	131	1.557	1.42	0	
Vinyl chloride	1.37	0.0200	2.000	0	68.6	56.2	130	1.491	8.39	0	
Bromomethane	2.44	0.100	2.000	0	122	45.4	138	2.656	8.44	0	
Trichlorofluoromethane	1.91	0.100	2.000	0	95.6	64.7	129	2.021	5.60	0	
Chloroethane	1.27	0.100	2.000	0	63.6	62.5	123	1.375	7.78	0	
1,1-Dichloroethene	1.43	0.100	2.000	0	71.4	60.7	146	1.503	5.05	0	
Methylene chloride	1.39	0.100	2.000	0	69.7	60.3	135	1.457	4.42	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7104** SampType: **LCSD** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW02** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140968**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.85	0.100	2.000	0	92.4	71.3	129	1.911	3.35	0	
Methyl tert-butyl ether (MTBE)	2.01	0.100	2.000	0	101	75.4	123	2.070	2.84	0	
1,1-Dichloroethane	1.45	0.100	2.000	0	72.6	71.3	129	1.543	6.15	0	
2,2-Dichloropropane	1.54	0.200	2.000	0	76.9	37.8	132	1.602	4.08	0	
cis-1,2-Dichloroethene	1.92	0.100	2.000	0	96.2	67.5	127	2.060	6.83	0	
Chloroform	1.99	0.100	2.000	0	99.4	70.3	123	2.062	3.70	0	
1,1,1-Trichloroethane (TCA)	1.99	0.100	2.000	0	99.5	67.9	134	2.075	4.18	0	
1,1-Dichloropropene	1.66	0.100	2.000	0	83.2	72.1	133	1.765	5.95	0	
Carbon tetrachloride	1.64	0.100	2.000	0	82.2	68	136	1.712	4.11	0	
1,2-Dichloroethane	1.47	0.100	2.000	0	73.4	65.8	126	1.546	5.24	0	
Benzene	1.81	0.100	2.000	0	90.4	75.2	124	1.922	6.06	0	
Trichloroethene (TCE)	2.10	0.100	2.000	0	105	71.9	130	2.206	4.83	0	
1,2-Dichloropropane	1.48	0.100	2.000	0	74.0	71.9	131	1.581	6.67	0	
Dichlorobromomethane	1.98	0.100	2.000	0	99.2	70	130	2.112	6.30	0	
Dibromomethane	2.28	0.100	2.000	0	114	74.2	125	2.336	2.25	0	
cis-1,3-Dichloropropene	1.70	0.100	2.000	0	85.1	62.8	135	1.803	5.82	0	
Toluene	2.01	0.100	2.000	0	101	75.2	129	2.049	1.82	0	
trans-1,3-Dichloropropene	2.36	0.100	2.000	0	118	58.1	138	2.428	2.88	0	
1,1,2-Trichloroethane	2.17	0.100	2.000	0	108	65.4	128	2.215	2.24	0	
1,3-Dichloropropane	2.08	0.100	2.000	0	104	71.9	131	2.137	2.66	0	
Tetrachloroethene (PCE)	2.00	0.100	2.000	0	99.8	52.4	140	2.050	2.67	0	
Dibromochloromethane	1.65	0.100	2.000	0	82.3	68.7	139	1.646	0	0	
1,2-Dibromoethane (EDB)	1.60	0.00100	2.000	0	79.9	71.2	129	1.674	4.65	0	
Chlorobenzene	1.86	0.100	2.000	0	92.9	77.2	122	1.828	1.57	0	
1,1,1,2-Tetrachloroethane	2.29	0.100	2.000	0	114	76.2	130	2.176	4.97	0	
Ethylbenzene	2.36	0.100	2.000	0	118	78	127	2.474	4.63	0	
m,p-Xylene	4.72	0.100	4.000	0	118	77.5	130	4.567	3.19	0	
o-Xylene	2.44	0.100	2.000	0	122	77.6	126	2.469	1.22	0	
Styrene	2.15	0.100	2.000	0	108	66.8	137	2.090	2.92	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301022
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7104** SampType: **LCSD** Units: **µg/L** Prep Date: **1/8/2013** RunNo: **7104**
Client ID: **LCSW02** Batch ID: **R7104** Analysis Date: **1/8/2013** SeqNo: **140968**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	1.96	0.100	2.000	0	97.8	75.9	133	2.059	5.13	0	
Bromoform	2.46	0.100	2.000	0	123	69.9	142	2.587	5.07	0	
1,1,2,2-Tetrachloroethane	1.90	0.100	2.000	0	95.0	68	134	2.054	7.84	0	
n-Propylbenzene	2.44	0.100	2.000	0	122	77.1	133	2.265	7.60	0	
Bromobenzene	2.03	0.100	2.000	0	102	71.1	131	2.110	3.86	0	
1,3,5-Trimethylbenzene	2.00	0.100	2.000	0	100	76.2	133	2.052	2.57	0	
2-Chlorotoluene	2.35	0.100	2.000	0	118	67.1	137	2.344	0.341	0	
4-Chlorotoluene	2.33	0.100	2.000	0	117	70.7	132	2.378	2.00	0	
tert-Butylbenzene	1.55	0.100	2.000	0	77.4	71.3	139	1.595	3.06	0	
1,2,3-Trichloropropane	1.94	0.100	2.000	0	97.0	70.8	132	1.899	2.08	0	
1,2,4-Trichlorobenzene	2.53	0.200	2.000	0	127	61.4	139	2.501	1.15	0	
sec-Butylbenzene	1.93	0.100	2.000	0	96.3	77.4	136	1.980	2.76	0	
4-Isopropyltoluene	1.78	0.100	2.000	0	88.8	78.1	131	1.326	29.0	0	
1,3-Dichlorobenzene	1.85	0.100	2.000	0	92.7	73.5	125	1.813	2.24	0	
1,4-Dichlorobenzene	1.87	0.100	2.000	0	93.5	71.4	125	1.845	1.35	0	
n-Butylbenzene	1.94	0.100	2.000	0	97.2	69.8	138	1.943	0.0515	0	
1,2-Dichlorobenzene	1.83	0.100	2.000	0	91.5	74.2	123	1.879	2.64	0	
1,2-Dibromo-3-chloropropane	2.10	0.100	2.000	0	105	66.1	138	2.041	2.94	0	
1,2,4-Trimethylbenzene	2.20	0.100	2.000	0	110	72.3	133	2.271	3.09	0	
Hexachlorobutadiene	1.30	0.400	2.000	0	65.1	60.9	141	1.249	4.16	0	
Naphthalene	1.28	0.100	2.000	0	64.2	58.2	140	1.402	8.71	0	
1,2,3-Trichlorobenzene	2.13	0.400	2.000	0	107	61.3	133	2.162	1.44	0	
Surr: 1-Bromo-4-fluorobenzene-BFB	1.12		1.000		112	74.8	123		0	0	
Surr: Dibromofluoromethane	0.882		1.000		88.2	78.5	114		0	0	
Surr: Toluene-d8	1.02		1.000		102	83.5	113		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1301022**
Logged by: **Troy Zehr**	Date Received: **1/7/2013 11:55:00 AM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required ☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA ☐
		Air Sample.				
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA ☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
9.	Are samples properly preserved?	Yes	☑	No	☐	
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA ☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☐	No	☑	
13.	Does paperwork match bottle labels?	Yes	☑	No	☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
15.	Is it clear what analyses were requested?	Yes	☑	No	☐	
16.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks/Disrepancies

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1301023

Date: _____ Page: 1 of: 1

Client: G-Logics
Address: _____
City, State, Zip: ISSAQUAH Tel: _____
Reports To (PM): DAN H Fax: _____ Email: _____

Project Name: Former Thinkle Toys
Location: _____
Collected by: SAM R
Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)**	Comments/Depth
1 EX STACK	1/5/13	12:20	AIR	X														
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x [signature]	1/7/13 11:55	x [signature]	1/7/13 11:55
x		x	

TAT --> Next Day 2 Day 3 Day (STD)

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys
Lab ID: 1301061

January 21, 2013

Attention Dan Hatch:

Fremont Analytical, Inc. received 1 sample(s) on 1/14/2013 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *01/21/2013*

CLIENT: G-Logics
Project: Former Thinker Toys
Lab Order: 1301061

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1301061-001	Exhaust Stack	01/14/2013 11:00 AM	01/14/2013 11:39 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1301061**
Date: **1/21/2013**

CLIENT: G-Logics
Project: Former Thinker Toys

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1301061**
Date Reported: **1/21/2013**

Client: G-Logics
Collection Date: 1/14/2013 11:00:00 AM
Project: Former Thinker Toys
Lab ID: 1301061-001
Matrix: Air
Client Sample ID: Exhaust Stack

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7205 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Chloromethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Vinyl chloride	ND	0.0200		µg/L	1	1/16/2013 11:09:00 AM
Bromomethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Trichlorofluoromethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Chloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Methylene chloride	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	1/16/2013 11:09:00 AM
cis-1,2-Dichloroethene	0.231	0.100		µg/L	1	1/16/2013 11:09:00 AM
Chloroform	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Carbon tetrachloride	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2-Dichloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Benzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Trichloroethene (TCE)	0.203	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Dichlorobromomethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Dibromomethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Toluene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Tetrachloroethene (PCE)	54.6	1.00	DH	µg/L	10	1/17/2013 1:42:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	1/16/2013 11:09:00 AM
Chlorobenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Ethylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
m,p-Xylene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301061**
Date Reported: **1/21/2013**

Client: G-Logics **Collection Date:** 1/14/2013 11:00:00 AM
Project: Former Thinker Toys
Lab ID: 1301061-001 **Matrix:** Air
Client Sample ID: Exhaust Stack

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7205		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Styrene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Isopropylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Bromoform	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
n-Propylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Bromobenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
2-Chlorotoluene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
4-Chlorotoluene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
tert-Butylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	1/16/2013 11:09:00 AM
sec-Butylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
n-Butylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	1/16/2013 11:09:00 AM
Naphthalene	ND	0.100		µg/L	1	1/16/2013 11:09:00 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	1/16/2013 11:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	74.8-123		%REC	1	1/16/2013 11:09:00 AM
Surr: Dibromofluoromethane	92.5	78.5-114		%REC	1	1/16/2013 11:09:00 AM
Surr: Toluene-d8	100	83.5-113		%REC	1	1/16/2013 11:09:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301061
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **ICV-R7205B** SampType: **ICV** Units: **µg/L** Prep Date: **1/17/2013** RunNo: **7205**
Client ID: **ICV** Batch ID: **R7205** Analysis Date: **1/17/2013** SeqNo: **142887**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	22.5	0.100	20.00	0	112	70	130				
Surr: 1-Bromo-4-fluorobenzene-BFB	9.91		10.00		99.1	74.8	123				
Surr: Dibromofluoromethane	9.49		10.00		94.9	78.5	114				
Surr: Toluene-d8	10.2		10.00		103	83.5	113				

Sample ID: **LCS-R7205** SampType: **LCS** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **LCSW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.65	0.100	2.000	0	82.6	45.1	121				
Chloromethane	1.79	0.100	2.000	0	89.3	42.5	131				
Vinyl chloride	1.82	0.0200	2.000	0	91.1	56.2	130				
Bromomethane	1.67	0.100	2.000	0	83.5	45.4	138				
Trichlorofluoromethane	1.69	0.100	2.000	0	84.3	64.7	129				
Chloroethane	2.08	0.100	2.000	0	104	62.5	123				
1,1-Dichloroethene	1.69	0.100	2.000	0	84.4	60.7	146				
Methylene chloride	1.98	0.100	2.000	0	99.2	60.3	135				B
trans-1,2-Dichloroethene	2.08	0.100	2.000	0	104	71.3	129				
Methyl tert-butyl ether (MTBE)	2.43	0.100	2.000	0	122	75.4	123				
1,1-Dichloroethane	1.85	0.100	2.000	0	92.3	71.3	129				
2,2-Dichloropropane	1.41	0.200	2.000	0	70.6	37.8	132				
cis-1,2-Dichloroethene	2.04	0.100	2.000	0	102	67.5	127				
Chloroform	1.97	0.100	2.000	0	98.5	70.3	123				
1,1,1-Trichloroethane (TCA)	2.04	0.100	2.000	0	102	67.9	134				
1,1-Dichloropropene	1.85	0.100	2.000	0	92.5	72.1	133				
Carbon tetrachloride	2.27	0.100	2.000	0	113	68	136				
1,2-Dichloroethane	2.15	0.100	2.000	0	108	65.8	126				
Benzene	1.99	0.100	2.000	0	99.5	75.2	124				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301061
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7205** SampType: **LCS** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **LCSW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	2.04	0.100	2.000	0	102	71.9	130				
1,2-Dichloropropane	1.94	0.100	2.000	0	97.0	71.9	131				
Dichlorobromomethane	2.15	0.100	2.000	0	107	70	130				
Dibromomethane	1.55	0.100	2.000	0	77.4	74.2	125				
cis-1,3-Dichloropropene	2.82	0.100	2.000	0	141	62.8	135				S
Toluene	2.06	0.100	2.000	0	103	75.2	129				
trans-1,3-Dichloropropene	2.60	0.100	2.000	0	130	58.1	138				
1,1,2-Trichloroethane	2.44	0.100	2.000	0	122	65.4	128				
1,3-Dichloropropane	2.20	0.100	2.000	0	110	71.9	131				
Tetrachloroethene (PCE)	2.17	0.100	2.000	0	109	52.4	140				
Dibromochloromethane	2.44	0.100	2.000	0	122	68.7	139				
1,2-Dibromoethane (EDB)	2.21	0.00100	2.000	0	110	71.2	129				
Chlorobenzene	2.00	0.100	2.000	0	100	77.2	122				
1,1,1,2-Tetrachloroethane	1.95	0.100	2.000	0	97.4	76.2	130				
Ethylbenzene	1.97	0.100	2.000	0	98.6	78	127				
m,p-Xylene	3.97	0.100	4.000	0	99.2	77.5	130				
o-Xylene	1.99	0.100	2.000	0	99.6	77.6	126				
Styrene	2.01	0.100	2.000	0	100	66.8	137				
Isopropylbenzene	1.97	0.100	2.000	0	98.6	75.9	133				
Bromoform	2.18	0.100	2.000	0	109	69.9	142				
1,1,2,2-Tetrachloroethane	1.81	0.100	2.000	0	90.6	68	134				
n-Propylbenzene	1.99	0.100	2.000	0	99.4	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	99.9	71.1	131				
1,3,5-Trimethylbenzene	1.98	0.100	2.000	0	99.0	76.2	133				
2-Chlorotoluene	1.99	0.100	2.000	0	99.4	67.1	137				
4-Chlorotoluene	2.00	0.100	2.000	0	99.8	70.7	132				
tert-Butylbenzene	1.98	0.100	2.000	0	99.2	71.3	139				
1,2,3-Trichloropropane	2.16	0.100	2.000	0	108	70.8	132				
1,2,4-Trichlorobenzene	2.03	0.200	2.000	0	102	61.4	139				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301061
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7205** SampType: **LCS** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **LCSW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	2.01	0.100	2.000	0	100	77.4	136				
4-Isopropyltoluene	2.04	0.100	2.000	0	102	78.1	131				
1,3-Dichlorobenzene	2.01	0.100	2.000	0	100	73.5	125				
1,4-Dichlorobenzene	1.92	0.100	2.000	0	96.2	71.4	125				
n-Butylbenzene	1.98	0.100	2.000	0	99.0	69.8	138				
1,2-Dichlorobenzene	2.08	0.100	2.000	0	104	74.2	123				
1,2-Dibromo-3-chloropropane	2.05	0.100	2.000	0	102	66.1	138				
1,2,4-Trimethylbenzene	2.02	0.100	2.000	0	101	72.3	133				
Hexachlorobutadiene	1.90	0.400	2.000	0	95.0	60.9	141				
Naphthalene	2.11	0.100	2.000	0	105	58.2	140				
1,2,3-Trichlorobenzene	2.08	0.400	2.000	0	104	61.3	133				
Surr: 1-Bromo-4-fluorobenzene-BFB	0.976		1.000		97.6	74.8	123				
Surr: Dibromofluoromethane	1.03		1.000		103	78.5	114				
Surr: Toluene-d8	1.02		1.000		102	83.5	113				

NOTES:
S - Outlying spike recovery observed (cis-1,3-Dichloropropene; high bias). Samples were non-detect for cis-1,3-Dichloropropene.

Sample ID: **MB-R7205** SampType: **MBLK** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **MBLKW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	0.197	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301061
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7205** SampType: **MBLK** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **MBLKW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.100									
1,2-Dichloropropane	ND	0.100									
Dichlorobromomethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.00100									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301061
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7205** SampType: **MBLK** Units: **µg/L** Prep Date: **1/16/2013** RunNo: **7205**
Client ID: **MBLKW** Batch ID: **R7205** Analysis Date: **1/16/2013** SeqNo: **142889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: 1-Bromo-4-fluorobenzene-BFB	0.984		1.000		98.4	74.8	123				
Surr: Dibromofluoromethane	0.997		1.000		99.7	78.5	114				
Surr: Toluene-d8	1.00		1.000		100	83.5	113				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1301061**
Logged by: **Clare Griggs**	Date Received: **1/14/2013 11:39:00 AM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required ☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA ☐
		Air sample				
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA ☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
9.	Are samples properly preserved?	Yes	☑	No	☐	
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA ☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐	
13.	Does paperwork match bottle labels?	Yes	☑	No	☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
15.	Is it clear what analyses were requested?	Yes	☑	No	☐	
16.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks/Disrepancies

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1301061

Date: 1-14-13

Page: 1 of: 1

Client: G-Logics

Project Name: Former Thinker Toys

Address:

Location: Bellevue

City, State, Zip: Issaquah Tel:

Collected by: Dan Hatch 253-389-5334

Reports To (PM): Fax: Email:

Project No: 01-0739-B

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)**	Comments/Depth
1	Exhaust Stack	1/14/13	11 00	Air	X														
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Dan Hatch	1/14/13	x	1-14-13 11:34
x	Date/Time	x	Date/Time

TAT --> (Next Day) 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys
Lab ID: 1301105

January 28, 2013

Attention Dan Hatch:

Fremont Analytical, Inc. received 1 sample(s) on 1/22/2013 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *01/28/2013*

CLIENT: G-Logics
Project: Former Thinker Toys
Lab Order: 1301105

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1301105-001	Ex Stack	01/22/2013 11:45 AM	01/22/2013 12:15 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1301105**
Date: **1/28/2013**

CLIENT: G-Logics
Project: Former Thinker Toys

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1301105**
Date Reported: **1/28/2013**

Client: G-Logics
Collection Date: 1/22/2013 11:45:00 AM
Project: Former Thinker Toys
Lab ID: 1301105-001
Matrix: Air
Client Sample ID: Ex Stack

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7283 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Chloromethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	1/24/2013 1:40:00 PM
Bromomethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Chloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Methylene chloride	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	1/24/2013 1:40:00 PM
cis-1,2-Dichloroethene	0.169	0.100		µg/L	1	1/24/2013 1:40:00 PM
Chloroform	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Benzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Trichloroethene (TCE)	0.169	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Dibromomethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Toluene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Tetrachloroethene (PCE)	64.7	2.00	D	µg/L	20	1/24/2013 5:49:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	1/24/2013 1:40:00 PM
Chlorobenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Ethylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
m,p-Xylene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301105**
Date Reported: **1/28/2013**

Client: G-Logics
Collection Date: 1/22/2013 11:45:00 AM
Project: Former Thinker Toys
Lab ID: 1301105-001
Matrix: Air
Client Sample ID: Ex Stack

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7283		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Styrene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Bromoform	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Bromobenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	1/24/2013 1:40:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	1/24/2013 1:40:00 PM
Naphthalene	ND	0.100		µg/L	1	1/24/2013 1:40:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	1/24/2013 1:40:00 PM
Surr: 1-Bromo-4-fluorobenzene	103	74.8-123		%REC	1	1/24/2013 1:40:00 PM
Surr: Dibromofluoromethane	107	78.5-114		%REC	1	1/24/2013 1:40:00 PM
Surr: Toluene-d8	104	83.5-113		%REC	1	1/24/2013 1:40:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7283** SampType: **LCS** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143993**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.70	0.100	2.000	0	135	45.1	121				S
Chloromethane	1.74	0.100	2.000	0	87.2	42.5	131				
Vinyl chloride	2.19	0.0200	2.000	0	110	56.2	130				
Bromomethane	1.65	0.100	2.000	0	82.3	45.4	138				
Trichlorofluoromethane	2.00	0.100	2.000	0	99.8	64.7	129				
Chloroethane	1.82	0.100	2.000	0	91.0	62.5	123				
1,1-Dichloroethene	2.03	0.100	2.000	0	102	60.7	146				
Methylene chloride	1.91	0.100	2.000	0	95.4	60.3	135				
trans-1,2-Dichloroethene	1.87	0.100	2.000	0	93.7	71.3	129				
Methyl tert-butyl ether (MTBE)	1.70	0.100	2.000	0	84.9	75.4	123				
1,1-Dichloroethane	1.96	0.100	2.000	0	97.8	71.3	129				
2,2-Dichloropropane	2.46	0.200	2.000	0	123	37.8	132				
cis-1,2-Dichloroethene	2.19	0.100	2.000	0	110	67.5	127				
Chloroform	2.14	0.100	2.000	0	107	70.3	123				
1,1,1-Trichloroethane (TCA)	1.88	0.100	2.000	0	94.0	67.9	134				
1,1-Dichloropropene	2.00	0.100	2.000	0	100	72.1	133				
Carbon tetrachloride	1.46	0.100	2.000	0	73.1	68	136				
1,2-Dichloroethane	2.06	0.100	2.000	0	103	65.8	126				
Benzene	2.10	0.100	2.000	0	105	75.2	124				
Trichloroethene (TCE)	2.05	0.100	2.000	0	102	71.9	130				
1,2-Dichloropropane	2.19	0.100	2.000	0	109	71.9	131				
Dichlorobromomethane	2.03	0.100	2.000	0	101	70	130				
Dibromomethane	1.91	0.100	2.000	0	95.4	74.2	125				
cis-1,3-Dichloropropene	1.64	0.100	2.000	0	81.9	62.8	135				
Toluene	2.10	0.100	2.000	0	105	75.2	129				
trans-1,3-Dichloropropene	1.85	0.100	2.000	0	92.4	58.1	138				
1,1,2-Trichloroethane	2.06	0.100	2.000	0	103	65.4	128				
1,3-Dichloropropane	1.94	0.100	2.000	0	96.8	71.9	131				
Tetrachloroethene (PCE)	2.15	0.100	2.000	0	108	52.4	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7283** SampType: **LCS** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143993**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	1.85	0.100	2.000	0	92.4	68.7	139				
1,2-Dibromoethane (EDB)	1.73	0.00100	2.000	0	86.4	71.2	129				
Chlorobenzene	2.02	0.100	2.000	0	101	77.2	122				
1,1,1,2-Tetrachloroethane	1.87	0.100	2.000	0	93.4	76.2	130				
Ethylbenzene	1.96	0.100	2.000	0	98.0	78	127				
m,p-Xylene	4.03	0.100	4.000	0	101	77.5	130				
o-Xylene	2.22	0.100	2.000	0	111	77.6	126				
Styrene	2.39	0.100	2.000	0	120	66.8	137				
Isopropylbenzene	1.99	0.100	2.000	0	99.6	75.9	133				
Bromoform	1.85	0.100	2.000	0	92.6	69.9	142				
1,1,2,2-Tetrachloroethane	2.13	0.100	2.000	0	106	68	134				
n-Propylbenzene	2.00	0.100	2.000	0	100	77.1	133				
Bromobenzene	1.99	0.100	2.000	0	99.4	71.1	131				
1,3,5-Trimethylbenzene	2.02	0.100	2.000	0	101	76.2	133				
2-Chlorotoluene	2.02	0.100	2.000	0	101	67.1	137				
4-Chlorotoluene	2.04	0.100	2.000	0	102	70.7	132				
tert-Butylbenzene	2.06	0.100	2.000	0	103	71.3	139				
1,2,3-Trichloropropane	1.86	0.100	2.000	0	93.2	70.8	132				
1,2,4-Trichlorobenzene	2.01	0.200	2.000	0	100	61.4	139				
sec-Butylbenzene	2.02	0.100	2.000	0	101	77.4	136				
4-Isopropyltoluene	2.05	0.100	2.000	0	103	78.1	131				
1,3-Dichlorobenzene	2.07	0.100	2.000	0	103	73.5	125				
1,4-Dichlorobenzene	1.81	0.100	2.000	0	90.3	71.4	125				
n-Butylbenzene	2.18	0.100	2.000	0	109	69.8	138				
1,2-Dichlorobenzene	1.98	0.100	2.000	0	99.0	74.2	123				
1,2-Dibromo-3-chloropropane	1.76	0.100	2.000	0	87.8	66.1	138				
1,2,4-Trimethylbenzene	2.02	0.100	2.000	0	101	72.3	133				
Hexachlorobutadiene	2.70	0.400	2.000	0	135	60.9	141				
Naphthalene	2.06	0.100	2.000	0	103	58.2	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7283** SampType: **LCS** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143993**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	2.02	0.400	2.000	0	101	61.3	133				
Surr: 1-Bromo-4-fluorobenzene-BFB	1.07		1.000		107	74.8	123				
Surr: Dibromofluoromethane	1.06		1.000		106	78.5	114				
Surr: Toluene-d8	1.05		1.000		105	83.5	113				

NOTES:
S - Outlying spike recoveries observed (Dichlorodifluoromethane; high bias). The samples were non-detect. No further action required.

Sample ID: **LCSD-R7283** SampType: **LCSD** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW02** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143994**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.74	0.100	2.000	0	137	45.1	121	2.695	1.66	30	S
Chloromethane	1.97	0.100	2.000	0	98.6	42.5	131	1.745	12.2	30	
Vinyl chloride	2.34	0.0200	2.000	0	117	56.2	130	2.191	6.58	30	
Bromomethane	1.99	0.100	2.000	0	99.6	45.4	138	1.646	19.0	30	
Trichlorofluoromethane	2.21	0.100	2.000	0	110	64.7	129	1.997	9.99	30	
Chloroethane	1.86	0.100	2.000	0	93.2	62.5	123	1.819	2.50	30	
1,1-Dichloroethene	2.04	0.100	2.000	0	102	60.7	146	2.032	0.589	30	
Methylene chloride	1.96	0.100	2.000	0	97.8	60.3	135	1.909	2.43	30	
trans-1,2-Dichloroethene	1.96	0.100	2.000	0	97.8	71.3	129	1.874	4.23	30	
Methyl tert-butyl ether (MTBE)	1.95	0.100	2.000	0	97.5	75.4	123	1.697	13.8	30	
1,1-Dichloroethane	2.00	0.100	2.000	0	99.9	71.3	129	1.955	2.18	30	
2,2-Dichloropropane	2.27	0.200	2.000	0	113	37.8	132	2.458	8.04	30	
cis-1,2-Dichloroethene	2.25	0.100	2.000	0	112	67.5	127	2.192	2.52	30	
Chloroform	2.19	0.100	2.000	0	110	70.3	123	2.139	2.45	30	
1,1,1-Trichloroethane (TCA)	2.02	0.100	2.000	0	101	67.9	134	1.881	7.37	30	
1,1-Dichloropropene	2.16	0.100	2.000	0	108	72.1	133	2.001	7.87	30	
Carbon tetrachloride	1.94	0.100	2.000	0	97.2	68	136	1.462	28.3	30	
1,2-Dichloroethane	2.09	0.100	2.000	0	105	65.8	126	2.056	1.83	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7283** SampType: **LCSD** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW02** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143994**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	2.19	0.100	2.000	0	110	75.2	124	2.103	4.05	30	
Trichloroethene (TCE)	2.12	0.100	2.000	0	106	71.9	130	2.046	3.41	30	
1,2-Dichloropropane	2.25	0.100	2.000	0	112	71.9	131	2.189	2.70	30	
Dichlorobromomethane	2.16	0.100	2.000	0	108	70	130	2.027	6.12	30	
Dibromomethane	2.03	0.100	2.000	0	101	74.2	125	1.908	6.15	30	
cis-1,3-Dichloropropene	2.18	0.100	2.000	0	109	62.8	135	1.637	28.4	30	
Toluene	2.23	0.100	2.000	0	111	75.2	129	2.101	5.87	30	
trans-1,3-Dichloropropene	2.13	0.100	2.000	0	106	58.1	138	1.848	14.0	30	
1,1,2-Trichloroethane	2.14	0.100	2.000	0	107	65.4	128	2.065	3.61	30	
1,3-Dichloropropane	2.17	0.100	2.000	0	108	71.9	131	1.935	11.4	30	
Tetrachloroethene (PCE)	2.05	0.100	2.000	0	103	52.4	140	2.154	4.80	30	
Dibromochloromethane	2.01	0.100	2.000	0	100	68.7	139	1.848	8.20	30	
1,2-Dibromoethane (EDB)	2.11	0.00100	2.000	0	106	71.2	129	1.729	20.0	30	
Chlorobenzene	2.09	0.100	2.000	0	105	77.2	122	2.018	3.55	30	
1,1,1,2-Tetrachloroethane	2.06	0.100	2.000	0	103	76.2	130	1.867	9.73	30	
Ethylbenzene	2.09	0.100	2.000	0	104	78	127	1.960	6.32	30	
m,p-Xylene	4.18	0.100	4.000	0	104	77.5	130	4.033	3.56	30	
o-Xylene	2.30	0.100	2.000	0	115	77.6	126	2.219	3.41	30	
Styrene	2.53	0.100	2.000	0	126	66.8	137	2.390	5.57	30	
Isopropylbenzene	2.07	0.100	2.000	0	103	75.9	133	1.991	3.75	30	
Bromoform	2.03	0.100	2.000	0	101	69.9	142	1.852	9.02	30	
1,1,2,2-Tetrachloroethane	2.23	0.100	2.000	0	112	68	134	2.128	4.73	30	
n-Propylbenzene	2.10	0.100	2.000	0	105	77.1	133	2.003	4.63	30	
Bromobenzene	2.10	0.100	2.000	0	105	71.1	131	1.987	5.43	30	
1,3,5-Trimethylbenzene	2.12	0.100	2.000	0	106	76.2	133	2.015	4.98	30	
2-Chlorotoluene	2.07	0.100	2.000	0	103	67.1	137	2.017	2.55	30	
4-Chlorotoluene	2.12	0.100	2.000	0	106	70.7	132	2.043	3.84	30	
tert-Butylbenzene	2.25	0.100	2.000	0	113	71.3	139	2.063	8.72	30	
1,2,3-Trichloropropane	1.94	0.100	2.000	0	97.2	70.8	132	1.863	4.20	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7283** SampType: **LCSD** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **LCSW02** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143994**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	2.13	0.200	2.000	0	107	61.4	139	2.007	6.04	30	
sec-Butylbenzene	2.11	0.100	2.000	0	106	77.4	136	2.025	4.16	30	
4-Isopropyltoluene	2.22	0.100	2.000	0	111	78.1	131	2.051	7.69	30	
1,3-Dichlorobenzene	2.16	0.100	2.000	0	108	73.5	125	2.069	4.49	30	
1,4-Dichlorobenzene	1.86	0.100	2.000	0	93.2	71.4	125	1.806	3.21	30	
n-Butylbenzene	2.42	0.100	2.000	0	121	69.8	138	2.181	10.2	30	
1,2-Dichlorobenzene	2.03	0.100	2.000	0	102	74.2	123	1.979	2.54	30	
1,2-Dibromo-3-chloropropane	2.02	0.100	2.000	0	101	66.1	138	1.755	14.2	30	
1,2,4-Trimethylbenzene	2.11	0.100	2.000	0	106	72.3	133	2.025	4.16	30	
Hexachlorobutadiene	2.92	0.400	2.000	0	146	60.9	141	2.703	7.82	30	S
Naphthalene	2.15	0.100	2.000	0	108	58.2	140	2.060	4.37	30	
1,2,3-Trichlorobenzene	2.07	0.400	2.000	0	104	61.3	133	2.016	2.69	30	
Surr: 1-Bromo-4-fluorobenzene-BFB	1.07		1.000		107	74.8	123		0	0	
Surr: Dibromofluoromethane	1.08		1.000		108	78.5	114		0	0	
Surr: Toluene-d8	1.05		1.000		105	83.5	113		0	0	

NOTES:
S - Outlying spike recoveries observed (Dichlorodifluoromethane and Hexachlorobutadiene; high bias). The samples were non-detect. No further action required.

Sample ID: **MB-R7283** SampType: **MBLK** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **MBLKW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7283** SampType: **MBLK** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **MBLKW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.100									
1,2-Dichloropropane	ND	0.100									
Dichlorobromomethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.00100									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301105
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7283** SampType: **MBLK** Units: **µg/L** Prep Date: **1/24/2013** RunNo: **7283**
Client ID: **MBLKW** Batch ID: **R7283** Analysis Date: **1/24/2013** SeqNo: **143998**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: 1-Bromo-4-fluorobenzene-BFB	1.07		1.000		107	74.8	123				
Surr: Dibromofluoromethane	1.05		1.000		105	78.5	114				
Surr: Toluene-d8	1.02		1.000		102	83.5	113				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1301105**
Logged by: **Clare Griggs**	Date Received: **1/22/2013 12:15:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required ☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA ☐
		Air Sample				
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA ☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
9.	Are samples properly preserved?	Yes	☑	No	☐	
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA ☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐	
13.	Does paperwork match bottle labels?	Yes	☑	No	☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
15.	Is it clear what analyses were requested?	Yes	☑	No	☐	
16.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks/Disrepancies

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1301105

Date: 1-22-13

Page: 1 of: 1

Client: G-Logics

Project Name: Former Thinker Toys

Address:

Location: Bellevue

City, State, Zip

Tel: 425-391-6874

Collected by: D. Hatch 253 389 5334

Reports To (PM):

Fax:

Email:

Project No: 01-0739B

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SemiVOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)**	Comments/Depth
1	Ex Stock	1/22	1145	A	X															
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Dan Hatch	1/22/13 12:15		1/22/13 12:15
x		x	

TAT --> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

1311 N. 35th St.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

G-Logics
Dan Hatch
40 Second Ave. SE
Issaquah, Washington 98027

RE: Former Thinker Toys
Lab ID: 1301156

February 07, 2013

Attention Dan Hatch:

Fremont Analytical, Inc. received 10 sample(s) on 1/31/2013 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Michael Dee
Sr. Chemist / Principal

Date: *02/07/2013*

CLIENT: G-Logics
Project: Former Thinker Toys
Lab Order: 1301156

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1301156-001	SVE-1	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-002	SVE-2	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-003	SVE-3	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-004	SVE-4	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-005	SVE-5	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-006	SVE-6	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-007	SVE-7	01/31/2013 12:00 AM	01/31/2013 2:30 PM
1301156-008	SVE-8	01/31/2013 1:30 PM	01/31/2013 2:30 PM
1301156-009	SVE-9	01/31/2013 1:30 PM	01/31/2013 2:30 PM
1301156-010	Exhaust Stack	01/31/2013 1:45 PM	01/31/2013 2:30 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1301156**
Date: **2/7/2013**

CLIENT: G-Logics
Project: Former Thinker Toys

I. SAMPLE RECEIPT:
All samples were received intact. The internal ice chest temperatures were measured on receipt and are recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-001
Matrix: Air
Client Sample ID: SVE-1

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 11:34:00 AM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 11:34:00 AM
cis-1,2-Dichloroethene	1.06	0.100		µg/L	1	2/1/2013 11:34:00 AM
Chloroform	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Benzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Trichloroethene (TCE)	0.445	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Toluene	0.123	0.100		µg/L	1	2/1/2013 11:34:00 AM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Tetrachloroethene (PCE)	10.8	2.00	DH	µg/L	20	2/4/2013 8:50:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 11:34:00 AM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-001 **Matrix:** Air
Client Sample ID: SVE-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Styrene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Bromoform	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 11:34:00 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 11:34:00 AM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 11:34:00 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 11:34:00 AM
Surr: 1-Bromo-4-fluorobenzene	111	74.8-123		%REC	1	2/1/2013 11:34:00 AM
Surr: Dibromofluoromethane	97.0	74.7-124		%REC	1	2/1/2013 11:34:00 AM
Surr: Toluene-d8	98.0	83.5-113		%REC	1	2/1/2013 11:34:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-002
Matrix: Air
Client Sample ID: SVE-2

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 12:03:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 12:03:00 PM
cis-1,2-Dichloroethene	1.04	0.100		µg/L	1	2/1/2013 12:03:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Trichloroethene (TCE)	0.466	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Toluene	0.132	0.100		µg/L	1	2/1/2013 12:03:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Tetrachloroethene (PCE)	5.64	2.00	DH	µg/L	20	2/4/2013 9:20:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 12:03:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
m,p-Xylene	0.190	0.100		µg/L	1	2/1/2013 12:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-002 **Matrix:** Air
Client Sample ID: SVE-2

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 12:03:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 12:03:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 12:03:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 12:03:00 PM
Surr: 1-Bromo-4-fluorobenzene	116	74.8-123		%REC	1	2/1/2013 12:03:00 PM
Surr: Dibromofluoromethane	94.1	74.7-124		%REC	1	2/1/2013 12:03:00 PM
Surr: Toluene-d8	96.0	83.5-113		%REC	1	2/1/2013 12:03:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-003
Matrix: Air
Client Sample ID: SVE-3

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 12:33:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 12:33:00 PM
cis-1,2-Dichloroethene	1.03	0.100		µg/L	1	2/1/2013 12:33:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Trichloroethene (TCE)	0.460	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Toluene	0.125	0.100		µg/L	1	2/1/2013 12:33:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Tetrachloroethene (PCE)	15.8	2.00	DH	µg/L	20	2/4/2013 9:49:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 12:33:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-003 **Matrix:** Air
Client Sample ID: SVE-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 12:33:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 12:33:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 12:33:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 12:33:00 PM
Surr: 1-Bromo-4-fluorobenzene	117	74.8-123		%REC	1	2/1/2013 12:33:00 PM
Surr: Dibromofluoromethane	94.3	74.7-124		%REC	1	2/1/2013 12:33:00 PM
Surr: Toluene-d8	95.1	83.5-113		%REC	1	2/1/2013 12:33:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-004
Matrix: Air
Client Sample ID: SVE-4

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 1:02:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 1:02:00 PM
cis-1,2-Dichloroethene	0.981	0.100		µg/L	1	2/1/2013 1:02:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Trichloroethene (TCE)	0.546	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Toluene	0.125	0.100		µg/L	1	2/1/2013 1:02:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Tetrachloroethene (PCE)	18.3	5.00	DH	µg/L	50	2/4/2013 10:19:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 1:02:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-004 **Matrix:** Air
Client Sample ID: SVE-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 1:02:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 1:02:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 1:02:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 1:02:00 PM
Surr: 1-Bromo-4-fluorobenzene	116	74.8-123		%REC	1	2/1/2013 1:02:00 PM
Surr: Dibromofluoromethane	90.4	74.7-124		%REC	1	2/1/2013 1:02:00 PM
Surr: Toluene-d8	91.9	83.5-113		%REC	1	2/1/2013 1:02:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-005
Matrix: Air
Client Sample ID: SVE-5

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 1:32:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 1:32:00 PM
cis-1,2-Dichloroethene	0.618	0.100		µg/L	1	2/1/2013 1:32:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Trichloroethene (TCE)	1.06	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Toluene	0.147	0.100		µg/L	1	2/1/2013 1:32:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Tetrachloroethene (PCE)	45.0	5.00	DH	µg/L	50	2/4/2013 10:50:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 1:32:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
m,p-Xylene	0.192	0.100		µg/L	1	2/1/2013 1:32:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-005 **Matrix:** Air
Client Sample ID: SVE-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 1:32:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 1:32:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 1:32:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 1:32:00 PM
Surr: 1-Bromo-4-fluorobenzene	120	74.8-123		%REC	1	2/1/2013 1:32:00 PM
Surr: Dibromofluoromethane	88.4	74.7-124		%REC	1	2/1/2013 1:32:00 PM
Surr: Toluene-d8	94.5	83.5-113		%REC	1	2/1/2013 1:32:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-006
Matrix: Air
Client Sample ID: SVE-6

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 2:02:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 2:02:00 PM
cis-1,2-Dichloroethene	0.246	0.100		µg/L	1	2/1/2013 2:02:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Trichloroethene (TCE)	0.716	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Toluene	0.130	0.100		µg/L	1	2/1/2013 2:02:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Tetrachloroethene (PCE)	77.6	5.00	DH	µg/L	50	2/4/2013 11:20:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 2:02:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-006 **Matrix:** Air
Client Sample ID: SVE-6

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 2:02:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 2:02:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 2:02:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 2:02:00 PM
Surr: 1-Bromo-4-fluorobenzene	119	74.8-123		%REC	1	2/1/2013 2:02:00 PM
Surr: Dibromofluoromethane	89.8	74.7-124		%REC	1	2/1/2013 2:02:00 PM
Surr: Toluene-d8	93.4	83.5-113		%REC	1	2/1/2013 2:02:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-007
Matrix: Air
Client Sample ID: SVE-7

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 2:31:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 2:31:00 PM
cis-1,2-Dichloroethene	0.388	0.100		µg/L	1	2/1/2013 2:31:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Trichloroethene (TCE)	0.712	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Toluene	0.139	0.100		µg/L	1	2/1/2013 2:31:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Tetrachloroethene (PCE)	57.2	5.00	DH	µg/L	50	2/4/2013 11:51:00 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 2:31:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
m,p-Xylene	0.187	0.100		µg/L	1	2/1/2013 2:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics **Collection Date:** 1/31/2013
Project: Former Thinker Toys
Lab ID: 1301156-007 **Matrix:** Air
Client Sample ID: SVE-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 2:31:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 2:31:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 2:31:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 2:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	116	74.8-123		%REC	1	2/1/2013 2:31:00 PM
Surr: Dibromofluoromethane	88.7	74.7-124		%REC	1	2/1/2013 2:31:00 PM
Surr: Toluene-d8	90.6	83.5-113		%REC	1	2/1/2013 2:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:30:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-008
Matrix: Air
Client Sample ID: SVE-8

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 3:01:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 3:01:00 PM
cis-1,2-Dichloroethene	0.349	0.100		µg/L	1	2/1/2013 3:01:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Trichloroethene (TCE)	0.373	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Toluene	0.134	0.100		µg/L	1	2/1/2013 3:01:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Tetrachloroethene (PCE)	19.7	2.00	DH	µg/L	20	2/4/2013 12:22:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 3:01:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
m,p-Xylene	0.203	0.100		µg/L	1	2/1/2013 3:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:30:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-008
Matrix: Air
Client Sample ID: SVE-8

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 3:01:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 3:01:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 3:01:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 3:01:00 PM
Surr: 1-Bromo-4-fluorobenzene	108	74.8-123		%REC	1	2/1/2013 3:01:00 PM
Surr: Dibromofluoromethane	73.3	74.7-124	S	%REC	1	2/1/2013 3:01:00 PM
Surr: Toluene-d8	85.9	83.5-113		%REC	1	2/1/2013 3:01:00 PM

NOTES:
S - Outlying surrogate recovery observed. All other field and laboratory samples were within range.

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:30:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-009
Matrix: Air
Client Sample ID: SVE-9

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 3:31:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 3:31:00 PM
cis-1,2-Dichloroethene	0.312	0.100		µg/L	1	2/1/2013 3:31:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Trichloroethene (TCE)	0.256	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Toluene	0.123	0.100		µg/L	1	2/1/2013 3:31:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Tetrachloroethene (PCE)	14.4	2.00	DH	µg/L	20	2/4/2013 12:52:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 3:31:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:30:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-009
Matrix: Air
Client Sample ID: SVE-9

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 3:31:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 3:31:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 3:31:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 3:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	110	74.8-123		%REC	1	2/1/2013 3:31:00 PM
Surr: Dibromofluoromethane	88.5	74.7-124		%REC	1	2/1/2013 3:31:00 PM
Surr: Toluene-d8	90.4	83.5-113		%REC	1	2/1/2013 3:31:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:45:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-010
Matrix: Air
Client Sample ID: Exhaust Stack

Volatile Organic Compounds by EPA Method 8260

Batch ID: R7342 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Chloromethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	2/1/2013 4:01:00 PM
Bromomethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Trichlorofluoromethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Chloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Methylene chloride	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/1/2013 4:01:00 PM
cis-1,2-Dichloroethene	0.453	0.100		µg/L	1	2/1/2013 4:01:00 PM
Chloroform	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2-Dichloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Benzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Trichloroethene (TCE)	0.475	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Dichlorobromomethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Dibromomethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Toluene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
trans-1,3-Dichloropropene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Tetrachloroethene (PCE)	40.4	5.00	DH	µg/L	50	2/4/2013 1:23:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2-Dibromoethane (EDB)	ND	0.00100		µg/L	1	2/1/2013 4:01:00 PM
Chlorobenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Ethylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
m,p-Xylene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1301156**
Date Reported: **2/7/2013**

Client: G-Logics
Collection Date: 1/31/2013 1:45:00 PM
Project: Former Thinker Toys
Lab ID: 1301156-010
Matrix: Air
Client Sample ID: Exhaust Stack

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R7342		Analyst: EM
o-Xylene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Styrene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Bromoform	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Bromobenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/1/2013 4:01:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/1/2013 4:01:00 PM
Naphthalene	ND	0.100		µg/L	1	2/1/2013 4:01:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/1/2013 4:01:00 PM
Surr: 1-Bromo-4-fluorobenzene	118	74.8-123		%REC	1	2/1/2013 4:01:00 PM
Surr: Dibromofluoromethane	89.3	74.7-124		%REC	1	2/1/2013 4:01:00 PM
Surr: Toluene-d8	91.3	83.5-113		%REC	1	2/1/2013 4:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Fremont Analytical

Date: *2/7/2013*

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7342** SampType: **LCS** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144844**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	4.71	0.100	4.000	0	118	46.2	132				
Chloromethane	4.87	0.100	4.000	0	122	42.5	131				
Vinyl chloride	5.00	0.0200	4.000	0	125	56.2	130				
Bromomethane	2.99	0.100	4.000	0	74.7	45.4	138				
Trichlorofluoromethane	4.38	0.100	4.000	0	110	64.7	129				
Chloroethane	4.28	0.100	4.000	0	107	62.5	123				
1,1-Dichloroethene	5.09	0.100	4.000	0	127	60.7	146				
Methylene chloride	5.40	0.100	4.000	0	135	60.3	135				
trans-1,2-Dichloroethene	4.30	0.100	4.000	0	107	71.3	129				
Methyl tert-butyl ether (MTBE)	4.83	0.100	4.000	0	121	75.4	123				
1,1-Dichloroethane	5.22	0.100	4.000	0	131	71.3	129				S
2,2-Dichloropropane	2.90	0.200	4.000	0	72.4	37.8	132				
cis-1,2-Dichloroethene	4.06	0.100	4.000	0	102	67.5	127				
Chloroform	4.37	0.100	4.000	0	109	70.3	123				
1,1,1-Trichloroethane (TCA)	4.25	0.100	4.000	0	106	67.9	134				
1,1-Dichloropropene	4.93	0.100	4.000	0	123	72.1	133				
Carbon tetrachloride	4.26	0.100	4.000	0	107	68	136				
1,2-Dichloroethane	5.34	0.100	4.000	0	134	65.8	126				S
Benzene	5.02	0.100	4.000	0	126	75.2	124				S
Trichloroethene (TCE)	4.85	0.100	4.000	0	121	71.9	130				
1,2-Dichloropropane	5.05	0.100	4.000	0	126	71.9	131				
Dichlorobromomethane	4.79	0.100	4.000	0	120	70	130				
Dibromomethane	4.56	0.100	4.000	0	114	74.2	125				
cis-1,3-Dichloropropene	4.73	0.100	4.000	0	118	62.8	135				
Toluene	4.41	0.100	4.000	0	110	75.2	129				
trans-1,3-Dichloropropene	4.92	0.100	4.000	0	123	58.1	138				
1,1,2-Trichloroethane	4.58	0.100	4.000	0	114	65.4	128				
1,3-Dichloropropane	4.92	0.100	4.000	0	123	71.9	131				
Tetrachloroethene (PCE)	3.16	0.100	4.000	0	78.9	52.4	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7342** SampType: **LCS** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144844**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	3.97	0.100	4.000	0	99.2	68.7	139				
1,2-Dibromoethane (EDB)	4.23	0.00100	4.000	0	106	71.2	129				
Chlorobenzene	4.15	0.100	4.000	0	104	77.2	122				
1,1,1,2-Tetrachloroethane	4.40	0.100	4.000	0	110	76.2	130				
Ethylbenzene	4.36	0.100	4.000	0	109	78	127				
m,p-Xylene	8.89	0.100	8.000	0	111	77.5	130				
o-Xylene	4.44	0.100	4.000	0	111	77.6	126				
Styrene	3.79	0.100	4.000	0	94.7	66.8	137				
Isopropylbenzene	4.19	0.100	4.000	0	105	75.9	133				
Bromoform	3.37	0.100	4.000	0	84.2	69.9	142				
1,1,2,2-Tetrachloroethane	4.21	0.100	4.000	0	105	68	134				
n-Propylbenzene	4.39	0.100	4.000	0	110	77.1	133				
Bromobenzene	5.04	0.100	4.000	0	126	71.1	131				
1,3,5-Trimethylbenzene	4.30	0.100	4.000	0	108	76.2	133				
2-Chlorotoluene	4.64	0.100	4.000	0	116	67.1	137				
4-Chlorotoluene	4.60	0.100	4.000	0	115	70.7	132				
tert-Butylbenzene	4.16	0.100	4.000	0	104	71.3	139				
1,2,3-Trichloropropane	5.04	0.100	4.000	0	126	70.8	132				
1,2,4-Trichlorobenzene	3.23	0.200	4.000	0	80.7	61.4	139				
sec-Butylbenzene	4.19	0.100	4.000	0	105	77.4	136				
4-Isopropyltoluene	4.24	0.100	4.000	0	106	78.1	131				
1,3-Dichlorobenzene	3.52	0.100	4.000	0	87.9	73.5	125				
1,4-Dichlorobenzene	3.57	0.100	4.000	0	89.2	71.4	125				
n-Butylbenzene	4.36	0.100	4.000	0	109	69.8	138				
1,2-Dichlorobenzene	3.52	0.100	4.000	0	88.0	74.2	123				
1,2-Dibromo-3-chloropropane	5.29	0.100	4.000	0	132	66.1	138				
1,2,4-Trimethylbenzene	4.18	0.100	4.000	0	104	72.3	133				
Hexachlorobutadiene	3.23	0.400	4.000	0	80.6	60.9	141				
Naphthalene	4.23	0.100	4.000	0	106	58.2	140				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R7342** SampType: **LCS** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144844**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	3.11	0.400	4.000	0	77.6	61.3	133				
Surr: 1-Bromo-4-fluorobenzene-BFB	1.03		1.000		103	74.8	123				
Surr: Dibromofluoromethane	0.863		1.000		86.3	74.7	124				
Surr: Toluene-d8	0.885		1.000		88.5	83.5	113				

NOTES:
S - Outlying QC recoveries were associated with this sample (high bias). There were no detections of these analytes in the samples. The method is in control as indicated by the LCS Duplicate and the Continuing Calibration Verification (CCV).

Sample ID: **LCSD-R7342** SampType: **LCSD** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW02** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144845**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	4.23	0.100	4.000	0	106	46.2	132	4.711	10.7	30	
Chloromethane	4.68	0.100	4.000	0	117	42.5	131	4.868	3.98	30	
Vinyl chloride	4.80	0.0200	4.000	0	120	56.2	130	4.997	4.10	30	
Bromomethane	2.80	0.100	4.000	0	69.9	45.4	138	2.989	6.71	30	
Trichlorofluoromethane	4.19	0.100	4.000	0	105	64.7	129	4.381	4.55	30	
Chloroethane	3.73	0.100	4.000	0	93.3	62.5	123	4.283	13.8	30	
1,1-Dichloroethene	5.01	0.100	4.000	0	125	60.7	146	5.094	1.64	30	
Methylene chloride	5.59	0.100	4.000	0	140	60.3	135	5.396	3.51	30	S
trans-1,2-Dichloroethene	4.14	0.100	4.000	0	103	71.3	129	4.298	3.87	30	
Methyl tert-butyl ether (MTBE)	4.93	0.100	4.000	0	123	75.4	123	4.830	2.01	30	S
1,1-Dichloroethane	4.89	0.100	4.000	0	122	71.3	129	5.222	6.48	30	
2,2-Dichloropropane	2.70	0.200	4.000	0	67.5	37.8	132	2.895	6.93	30	
cis-1,2-Dichloroethene	3.97	0.100	4.000	0	99.3	67.5	127	4.064	2.26	30	
Chloroform	4.08	0.100	4.000	0	102	70.3	123	4.368	6.82	30	
1,1,1-Trichloroethane (TCA)	4.22	0.100	4.000	0	106	67.9	134	4.252	0.755	30	
1,1-Dichloropropene	4.79	0.100	4.000	0	120	72.1	133	4.933	2.98	30	
Carbon tetrachloride	4.20	0.100	4.000	0	105	68	136	4.264	1.44	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7342** SampType: **LCSD** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW02** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144845**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	5.50	0.100	4.000	0	138	65.8	126	5.342	3.01	30	S
Benzene	4.85	0.100	4.000	0	121	75.2	124	5.023	3.46	30	
Trichloroethene (TCE)	4.81	0.100	4.000	0	120	71.9	130	4.845	0.767	30	
1,2-Dichloropropane	5.30	0.100	4.000	0	133	71.9	131	5.049	4.89	30	S
Dichlorobromomethane	4.78	0.100	4.000	0	119	70	130	4.786	0.167	30	
Dibromomethane	4.53	0.100	4.000	0	113	74.2	125	4.564	0.748	30	
cis-1,3-Dichloropropene	4.76	0.100	4.000	0	119	62.8	135	4.728	0.569	30	
Toluene	4.26	0.100	4.000	0	107	75.2	129	4.413	3.50	30	
trans-1,3-Dichloropropene	4.70	0.100	4.000	0	118	58.1	138	4.916	4.43	30	
1,1,2-Trichloroethane	4.38	0.100	4.000	0	109	65.4	128	4.576	4.49	30	
1,3-Dichloropropane	4.69	0.100	4.000	0	117	71.9	131	4.922	4.76	30	
Tetrachloroethene (PCE)	3.05	0.100	4.000	0	76.2	52.4	140	3.155	3.48	30	
Dibromochloromethane	3.81	0.100	4.000	0	95.2	68.7	139	3.967	4.09	30	
1,2-Dibromoethane (EDB)	4.23	0.00100	4.000	0	106	71.2	129	4.233	0.118	30	
Chlorobenzene	4.13	0.100	4.000	0	103	77.2	122	4.150	0.459	30	
1,1,1,2-Tetrachloroethane	4.42	0.100	4.000	0	111	76.2	130	4.398	0.522	30	
Ethylbenzene	4.39	0.100	4.000	0	110	78	127	4.358	0.800	30	
m,p-Xylene	8.95	0.100	8.000	0	112	77.5	130	8.892	0.672	30	
o-Xylene	4.26	0.100	4.000	0	106	77.6	126	4.441	4.18	30	
Styrene	3.89	0.100	4.000	0	97.2	66.8	137	3.789	2.53	30	
Isopropylbenzene	4.20	0.100	4.000	0	105	75.9	133	4.185	0.262	30	
Bromoform	3.32	0.100	4.000	0	82.9	69.9	142	3.366	1.47	30	
1,1,2,2-Tetrachloroethane	3.24	0.100	4.000	0	81.1	68	134	4.214	26.0	30	
n-Propylbenzene	4.29	0.100	4.000	0	107	77.1	133	4.391	2.37	30	
Bromobenzene	4.91	0.100	4.000	0	123	71.1	131	5.038	2.59	30	
1,3,5-Trimethylbenzene	4.22	0.100	4.000	0	106	76.2	133	4.304	1.92	30	
2-Chlorotoluene	4.41	0.100	4.000	0	110	67.1	137	4.643	5.15	30	
4-Chlorotoluene	4.56	0.100	4.000	0	114	70.7	132	4.597	0.830	30	
tert-Butylbenzene	4.09	0.100	4.000	0	102	71.3	139	4.165	1.72	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCSD-R7342** SampType: **LCSD** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **LCSW02** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144845**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	4.82	0.100	4.000	0	120	70.8	132	5.040	4.52	30	
1,2,4-Trichlorobenzene	3.06	0.200	4.000	0	76.5	61.4	139	3.228	5.41	30	
sec-Butylbenzene	4.11	0.100	4.000	0	103	77.4	136	4.192	2.10	30	
4-Isopropyltoluene	4.21	0.100	4.000	0	105	78.1	131	4.236	0.521	30	
1,3-Dichlorobenzene	3.49	0.100	4.000	0	87.2	73.5	125	3.515	0.714	30	
1,4-Dichlorobenzene	3.54	0.100	4.000	0	88.4	71.4	125	3.566	0.817	30	
n-Butylbenzene	4.30	0.100	4.000	0	108	69.8	138	4.361	1.34	30	
1,2-Dichlorobenzene	3.48	0.100	4.000	0	87.0	74.2	123	3.519	1.17	30	
1,2-Dibromo-3-chloropropane	6.02	0.100	4.000	0	150	66.1	138	5.289	12.8	30	S
1,2,4-Trimethylbenzene	4.16	0.100	4.000	0	104	72.3	133	4.175	0.408	30	
Hexachlorobutadiene	3.25	0.400	4.000	0	81.1	60.9	141	3.226	0.587	30	
Naphthalene	4.20	0.100	4.000	0	105	58.2	140	4.232	0.711	30	
1,2,3-Trichlorobenzene	3.10	0.400	4.000	0	77.4	61.3	133	3.105	0.258	30	
Surr: 1-Bromo-4-fluorobenzene-BFB	1.04		1.000		104	74.8	123		0	0	
Surr: Dibromofluoromethane	0.893		1.000		89.3	74.7	124		0	0	
Surr: Toluene-d8	0.866		1.000		86.6	83.5	113		0	0	

NOTES:
S - Outlying QC recoveries were associated with this sample (high bias). There were no detections of these analytes in the samples. The method is in control as indicated by the LCS and CCV.

Sample ID: **MB-R7342** SampType: **MBLK** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **MBLKW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144846**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane	ND	0.100									
Chloroethane	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7342** SampType: **MBLK** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **MBLKW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144846**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.100									
1,2-Dichloropropane	ND	0.100									
Dichlorobromomethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.00100									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R7342** SampType: **MBLK** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **MBLKW** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144846**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: 1-Bromo-4-fluorobenzene-BFB	1.08		1.000		108	74.8	123				
Surr: Dibromofluoromethane	0.887		1.000		88.7	74.7	124				
Surr: Toluene-d8	0.881		1.000		88.1	83.5	113				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1301156
CLIENT: G-Logics
Project: Former Thinker Toys

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **CCV-R7342** SampType: **CCV** Units: **µg/L** Prep Date: **2/1/2013** RunNo: **7342**
Client ID: **CCV** Batch ID: **R7342** Analysis Date: **2/1/2013** SeqNo: **144864**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	39.2	0.100	40.00	0	98.1	80	120				
Methyl tert-butyl ether (MTBE)	44.4	0.100	40.00	0	111	80	120				
1,1-Dichloroethane	43.1	0.100	40.00	0	108	80	120				
1,2-Dichloroethane	40.4	0.100	40.00	0	101	80	120				
Benzene	44.9	0.100	40.00	0	112	80	120				
1,2-Dichloropropane	42.6	0.100	40.00	0	107	80	120				
1,2-Dibromo-3-chloropropane	45.4	0.100	40.00	0	113	80	120				
Surr: 1-Bromo-4-fluorobenzene-BFB	9.36		10.00		93.6	74.8	123				
Surr: Dibromofluoromethane	8.68		10.00		86.8	78.5	114				
Surr: Toluene-d8	8.95		10.00		89.5	83.5	113				

Sample ID: **ICV-R7342** SampType: **ICV** Units: **µg/L** Prep Date: **2/4/2013** RunNo: **7342**
Client ID: **ICV** Batch ID: **R7342** Analysis Date: **2/4/2013** SeqNo: **145248**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	18.9	0.100	20.00	0	94.7	70	130				
Surr: 1-Bromo-4-fluorobenzene-BFB	10.3		10.00		103	74.8	123				
Surr: Dibromofluoromethane	9.45		10.00		94.5	78.5	114				
Surr: Toluene-d8	9.51		10.00		95.1	83.5	113				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name: **GL**	Work Order Number: **1301156**
Logged by: **Clare Griggs**	Date Received: **1/31/2013 2:30:00 PM**

Chain of Custody

1.	Were custodial seals present?	Yes	☐	No	☐	Not Required ☑
2.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
3.	How was the sample delivered?	Client				

Log In

4.	Coolers are present?	Yes	☐	No	☑	NA ☐
		Air Samples				
5.	Was an attempt made to cool the samples?	Yes	☐	No	☐	NA ☑
6.	Were all coolers received at a temperature of >0° C to 10.0°C	Yes	☐	No	☐	NA ☑
7.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
9.	Are samples properly preserved?	Yes	☑	No	☐	
10.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
11.	Is there headspace present in VOA vials?	Yes	☐	No	☐	NA ☑
12.	Did all sample containers arrive in good condition?(unbroken)	Yes	☑	No	☐	
13.	Does paperwork match bottle labels?	Yes	☑	No	☐	
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
15.	Is it clear what analyses were requested?	Yes	☑	No	☐	
16.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks/Disrepancies

Item Information

Fremont Analytical

Chain of Custody Record

1311 N. 35th Street
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Laboratory Project No (internal): 1301156

Date: 1/31/13

Page: 1 of: 1

Client: G-Logics

Address:

City, State, Zip: Tel:

Project Name: Former Thinker Toys

Location: Bellevue

Collected by: Dan Hatch 253-359-5324

Reports To (PM): Fax: Email:

Project No: 01-0739-B

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	VOC (EPA 8260)	GX/BTEX by EPA 8021b	BTEX by 8260	Gasoline Range Organics	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Cl Pesticides (EPA 8081)	Cl Herbicides (EPA 8151A)	Metals* (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)**	Comments/Depth
1 SVE-1	1/31/13		Air	X														
2 SVE-2																		
3 SVE-3																		
4 SVE-4																		
5 SVE-5																		
6 SVE-6																		
7 SVE-7																		
8 SVE-8		1330																
9 SVE-9		1330																
10 Exhaust Stack		1345																

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mu Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x Dan Hatch	1/31/13 1430	x	1/31/13 2:30 pm
x		x	

TAT --> Next Day 2 Day 3 Day STD

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

APPENDIX D

Permission and Conditions for Use and Copying Form

Interim Action Report
Former Drycleaner Location, 10610 NE 8th,
Bellevue, WA 98004

G-Logics Project 01-0739-B
February 25, 2013

G-Logics prepared the above-identified Document only for our Client and/or other user(s), as identified in the Document, for the purposes stated and subject to any identified and contractual limitations. Regulatory agencies may make additional "fair use" copies for internal and public use based on state and federal laws that do not violate copyright laws.

All other Requestors must obtain permission from G-Logics and our Client in order to avoid copyright violations. To request authorization for a copy of the Document, please read our conditions listed below, complete the Requestor section, and fax to G-Logics at 425-313-3074 for approval review.

- I recognize that G-Logics has prepared this Document only for their Client and/or other user(s), only for the purposes stated in the Document and subject to any identified and contractual limitations.
- My intended use of the Document is for general informational purposes only.
- I understand and accept that there may be limitations to the reliability of the Document's findings due to circumstances beyond the control of G-Logics, the limited scope of funding, and/or limitations inherent in the nature of the performed services.
- I agree not to rely on the Document as being comprehensive or inclusive of all possible site hazards and agree to defend, indemnify, and hold G-Logics harmless from and against any and all claims, damages, or liability which arise from or which are alleged to arise from my use of the Document. I also will compensate G-Logics for any time spent or expenses incurred by G-Logics in defense of any such claim.
- I am advised that the Document is a qualitative evaluation of site conditions and should not be used to estimate site-remediation costs, if cleanup is necessary. Remediation cost estimates would require additional data beyond what is presented in the Document.
- I agree not to provide the Document to any other person or organizations without prior authorization from G-Logics and their Client.

I, the Requestor, have reviewed the above-identified conditions for copying/use of the Document, am familiar with the presented limitations of the provided services, and acknowledge my understanding and concurrence, as indicated by my signature below.

Requestor's Company _____

Mailing Address _____

City, State, Zip Code _____

Contact Name & Title _____

Signature & Date _____

Telephone & Fax Numbers _____

Planned Use of Document _____

_____

_____

With your information and signature above, please fax to G-Logics (425-313-3074) for approval review. G-Logics will share your request with our Client for their approval.

Client Review and Acknowledgment of Use and Copying Request

Per the notification of G-Logics, I, the Client, have reviewed this request for copying/use of this Document, have discussed the request with G-Logics, and grant my consent as indicated by my signature below.

Client Company _____

Client Contact Name & Title _____

Signature & Date _____

Telephone & Fax Numbers _____

G-Logics review and Acknowledgment of Use and Copying Request

Based on your concurrence with the above-presented conditions, approval of our Client, and our review of the information, G-Logics allows the Requestor to copy/use the above referenced Document for purposes stated. Additional fees may apply.

G-Logics Signature _____

Title _____

Date _____