

March 31, 2009

Mr. Peter Hill  
Permitting, Enforcement and Remediation Division  
CT Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106

**RE: THIRD EVENT (FEBRUARY 2009) SOIL GAS RESULTS, FORMER  
TORRINGTON COMPANY FACILITY, 263 MYRTLE STREET  
(FORMERLY 37 BOOTH STREET), NEW BRITAIN, CONNECTICUT  
(HRP #NEW4914.RA)**

Dear Mr. Hill:

On February 22, 2009, a total of seven (7) samples were collected from soil vapor points SVB-1 through SVB-7 located within the building at the above referenced site (Figure 1). The samples were collected in laboratory provided summa canisters and provided to Con-Test Analytical Laboratory (Con-Test), a Connecticut-certified laboratory, of East Longmeadow, Massachusetts in accordance with the Connecticut Department of Environmental Protection (CT DEP) approved Vapor Intrusion Mitigation Plan (VIMP) protocols. All samples were analyzed in accordance with the Connecticut Reasonable Confidence Protocol (RCP). One (1) trip blank (SVB-8) was transported along with the seven (7) above-mentioned samples.

These samples were analyzed for the presence of volatile organic compounds (VOCs) via the USEPA Method TO-15, plus naphthalene, n-propylbenzene, tert-butylbenzene and isopropyl alcohol. The additional compounds, with the exception of isopropyl alcohol, were specified for analysis based on the full list of constituents of concern for the site that have historically been detected on one or more occasions in soil or groundwater samples from the site. In accordance with the VIMP, isopropyl alcohol was used as a tracer substance for leak detection.

Laboratory analytical results indicate several VOCs were detected in each of the seven samples. The results are summarized on Table 1 and discussed below. A copy of the laboratory analytical report is included as Attachment A.

- All concentrations of VOCs in the soil vapor samples were reported below proposed Residential and Industrial/Commercial Soil Vapor Volatilization Criteria (SVVC) of the Remediation Standard Regulation (RSR) for those compounds which criteria has been established by the CT DEP.
- Isopropyl alcohol was detected in the samples and the trip blank; however, due to the relatively low levels (11 to 8,400 ppbv or less than 0.00084%) of isopropyl alcohol in the trip blank, any minor leakage that may have occurred during sampling is not expected to significantly bias the sample results.

## CONNECTICUT

197 Scott Swamp Road  
Farmington, CT 06032  
800-246-9021  
860-674-9570  
FAX 860-674-9624

501 Kings Highway East  
Suite 108-E14  
Fairfield, CT 06825  
203-610-8212  
FAX 203-610-8102

## FLORIDA

8875 Hidden River Parkway  
Suite 300  
Tampa, FL 33637  
888-477-1877  
813-975-7178  
FAX 813-975-7170

## INDIANA

450 East 96th Street  
Suite 500  
Indianapolis, IN 46240  
800-246-9021  
317-581-6145  
FAX 317-581-6146

## NEW YORK

100 Saratoga Village Blvd.  
Suite 27  
Malta, NY 12020  
888-823-6427  
518-899-3011  
FAX 518-899-8129

## PENNSYLVANIA

1060 First Avenue  
Suite 400  
King of Prussia, PA 19460  
866-232-9824  
610-768-8061  
FAX 610-337-9548

## SOUTH CAROLINA

1327 Miller Road  
Suite D  
Greenville, SC 29607  
800-752-3922  
864-289-0311  
FAX 864-281-9846

- Several other compounds that were detected in the trip blank, laboratory method blanks and/or soil gas samples include; 1,3-dichlorobenzene, acetone, benzene, chloromethane, ethanol, hexane, MEK, methylene chloride and toluene. These compounds (with the exception of acetone) are not historically constituents of concern for the property, and due to their presence in the trip blank and/or method blanks, the detections of these compounds are not considered representative of site soil or groundwater quality. Acetone is considered a common laboratory contaminant and is also identified as a historical constituent of concern for the site. However, the presence of this compound has not been detected in the site groundwater or soils.
- Continued detections of tetrahydrofuran within the samples are believed to be attributable to the PVC primer used in constructing utilities beneath the building and will be evaluated during the future scheduled event.
- The analytical results indicate that monitoring should be continued on the current schedule and activation of the Sub-Slab Depressurization (SSD) system is not required at this time.

Following a review of the laboratory case narrative, no issues were identified that would affect the usability of this data. It was indicated that 1,2-Dichlorotetrafluoroethane (Freon 114) results were likely to be biased on the high side, which may explain the trace concentration of Freon 114 detected in SVB-3. This compound has not been previously detected and will be evaluated during the future scheduled event.

The fourth soil vapor monitoring event is scheduled for June 2009. If you have any questions or require any additional information concerning this matter, please contact HRP at (860) 674-9570.

Sincerely,

HRP ASSOCIATES, INC.



Stefanie A. Kreipovich  
Project Geologist



Scot Kuhn, LEP  
Senior Project Manager

#### Attachments

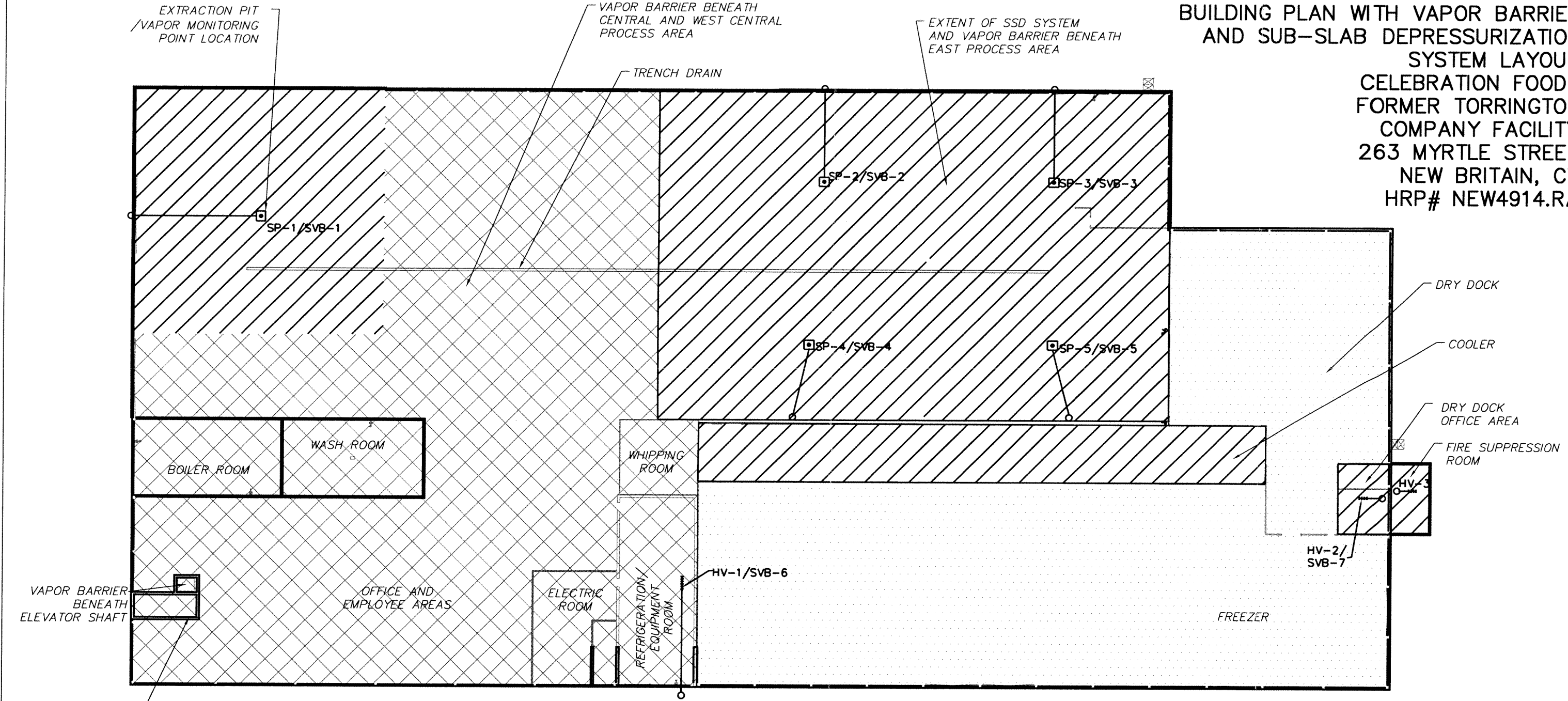
cc: Mark E. Moriarty (City of New Britain)  
Michael Lombardi (Cakemaker, LLC)  
Bob Palczewski (Celebration Foods)

**FIGURE**

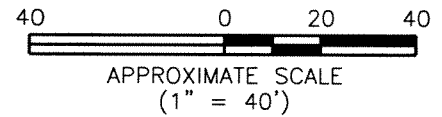
**HRP**

*Associates, Inc.*

FIGURE 1  
 BUILDING PLAN WITH VAPOR BARRIER  
 AND SUB-SLAB DEPRESSURIZATION  
 SYSTEM LAYOUT  
 CELEBRATION FOODS  
 FORMER TORRINGTON  
 COMPANY FACILITY  
 263 MYRTLE STREET  
 NEW BRITAIN, CT  
 HRP# NEW4914.RA



- LEGEND
- — 4" SCH 40 PVC EXHAUST PIPE
  - HV-# — HORIZONTAL SSD SCREEN (SECTION B/FIGURE 1b)
  - SP-# — PROPOSED PIT LOCATION
  - PROPOSED VACUUM/SAMPLE POINT LOCATION — BELOW VAPOR BARRIER
  - ▨ — EXTENT OF SSD SYSTEM AND VAPOR BARRIER (10 MIL HDPE-GRIFFALYN® TYPE-65G)
  - ▤ — EXTENT OF FREEZER AREA SLAB CONSTRUCTION AND VAPOR BARRIER (20 MIL HDPE-PERMALON® PLY X-210G)
  - ▥ — EXTENT OF OFFICE AREA AND PROCESS AREA VAPOR BARRIER (20 MIL HDPE-PERMALON® PLY X-210G)



MAP REFERENCES:  
 1. BUILDING PLAN WAS OBTAINED FROM TRANSYSTEMS OF YORK, PA.  
 2. FOUNDATION PLAN OBTAINED FROM TRANSYSTEMS OF YORK, PA; TITLED "OVERALL FOUNDATION PLAN", SHEET NO. S-101, SCALE 1/16" = 1'-0"; DATED 05/15/07; PROJECT NUMBER P704070041.  
 3. BUILDING PLAN WITH VAPOR BARRIER AND SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT FROM HRP ASSOCIATES, INC. OF FARMINGTON, CT

**HRP Associates, Inc.**  
 Environmental/Civil Engineering & Hydrogeology  
 Creating the Right Solutions Together  
 Connecticut, New York, South Carolina, Florida, Indiana  
 197 Scott Swamp Road  
 Farmington, Connecticut 06032  
 Ph: (860)674-9570 Fax: (860)674-9624  
 www.hrpassociates.com

J:\NINEBRI - CITY OF NEW BRITAIN\37 BOOTH STREET, NEW BRITAIN, CT 06053\NEW4914RA\CAD\NOVEMBER 2008 BUILDING PLAN.dwg, \\hrp\_fs1\Aficio 2075 for PDF files (Copy Room 2)

**TABLE**

TABLE 1  
Summary of Soil Gas Analytical Results

37 Booth Street  
New Britain, Connecticut

SAMPLE ID	DATE SAMPLED																									
		1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichlorotrifluoroethane (freon 113)	1,1-Dichloroethane	1,1-Dichloroethylene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone (Methyl butyl ketone/MBK)	4-Ethyltoluene	4-Isopropyltoluene / p-Isopropyltoluene	Acetone	Acrylonitrile	Benzene	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene
Unit		ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
DEP RVC SV		1310000	1000	NE	850000	80	1000	1000	NE	NE	240000	950000	2400000	NE	NE	NE	2400000	NE	1000	NE	1000	31000	NE	4500	NE	NE
DEP ICVC SV		4520000	1000	NE	3037000	350	1000	1000	NE	NE	818000	3270000	8285000	NE	NE	NE	8250000	NE	113000	NE	2700	106000	NE	10400	NE	NE
Proposed RVC SV		70000	1.2	NE	14000	1900	0.5	13	1400	1400	9200	3000	130000	NE	NE	9300	57000	NE	780	NE	60	6100	140000	78	5100	3400
Proposed ICVC SV		130000	28	NE	150000	7000	7	110	15000	15000	95000	5500	230000	NE	NE	94000	290000	NE	1400	NE	120	60000	260000	140	53000	35000
SVB-1	8/27/2008	5.4	<0.1	4.7	1.7	0.11	<0.1	<0.1	0.28	<0.1	<0.1	3	28	<0.1	<0.1	11	20	<0.58	1.9	0.51	0.31	<0.1	<0.1	5.6	<0.1	0.1
	11/8/2008	7.5	<0.1	0.55	3.7	<0.1	<0.1	<0.1	<0.1	0.17	1.7	0.16	180	0.45	0.14	0.25	50	<0.58	2.6	0.27	0.21	<0.1	0.21	2.4	<0.1	<0.1
	2/22/2009	17	<0.1	0.53	12	0.51	<0.1	<0.1	0.99	0.15	3.9	0.1	79	0.21	0.12	<0.24	13	<0.58	0.42	<0.1	0.42	<0.1	<0.1	4.4	<0.1	0.18
SVB-2	8/27/2008	9.1	<0.05	4.4	2.2	0.68	<0.05	<0.05	<0.05	<0.05	0.09	1.4	8.4	0.31	<0.05	<0.12	14	<0.29	0.42	0.43	0.23	<0.05	<0.05	2.3	<0.05	0.1
	11/8/2008	15	<0.1	2.7	6.5	0.84	<0.1	<0.1	<0.1	0.12	1.3	0.29	11	0.18	0.1	0.4	12	<0.58	0.42	<0.1	0.19	<0.1	0.25	6.3	<0.1	0.31
	2/22/2009	79	<0.1	42	17	3.3	<0.1	<0.1	1.1	0.1	5.2	<0.1	51	0.31	<0.1	<0.24	18	<0.58	0.34	<0.1	0.16	<0.1	0.45	3.3	<0.1	0.2
SVB-3	8/27/2008	3.4	<0.05	4	0.96	1.2	<0.05	<0.05	<0.05	<0.05	0.07	0.34	3.9	0.13	<0.05	<0.12	270	0.5	0.33	0.29	0.08	<0.05	<0.05	0.89	<0.05	<0.05
	11/8/2008	200	<0.1	110	22	18	<0.1	0.21	<0.1	0.15	1.9	0.25	240	0.31	0.13	<0.24	170	<0.58	5.1	<0.1	0.29	<0.1	1.2	17	<0.1	2.1
	2/22/2009	450	<0.1	480	75	38	<0.1	0.13	1.1	0.11	7.3	<0.1	8	0.3	<0.1	<0.24	34	<0.58	0.96	<0.1	0.18	<0.1	6.5	8.5	<0.1	2.3
SVB-4	8/27/2008	4	<0.1	1.2	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.6	30	0.29	0.12	6.4	54	<0.58	0.99	0.21	0.29	<0.1	<0.1	5.1	<0.1	<0.1
	11/8/2008	18	<0.1	4.2	3.8	0.14	<0.1	<0.1	<0.1	<0.1	0.52	<0.1	3.7	0.29	<0.1	<0.24	48	<0.58	2.6	<0.1	0.17	<0.1	0.47	9.7	<0.1	0.16
	2/22/2009	67	<0.1	13	14	1.1	<0.1	<0.1	1.1	0.12	2.4	<0.1	2.4	<0.1	<0.1	<0.24	25	<0.58	0.61	<0.1	0.22	<0.1	<0.1	14	<0.1	0.13
SVB-5	8/27/2008	6	<0.05	1.1	1.3	0.2	<0.05	<0.05	<0.05	<0.05	<0.05	0.24	9.9	0.23	<0.05	<0.12	16	<0.29	0.71	0.34	0.22	<0.05	<0.05	1.7	<0.05	0.11
	11/8/2008	41	<0.1	8	9.7	0.39	<0.1	<0.1	<0.1	0.11	0.73	<0.1	4.2	0.41	<0.1	0.32	37	<0.58	0.79	<0.1	0.19	<0.1	0.59	2.6	<0.1	1.1
	2/22/2009	69	<0.1	22	17	0.57	<0.1	<0.1	1	0.13	3.8	0.13	2.5	0.31	0.13	3	30	<0.58	0.21	<0.1	0.15	<0.1	0.7	2.1	<0.1	1.7
SVB-6	8/26/2008	0.48	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	0.13	0.07	5.2	0.34	0.06	<0.12	180	1.1	1.2	0.29	0.06	0.09	<0.05	0.06	<0.05	<0.05
	11/8/2008	22	<0.1	0.44	1.5	<0.1	<0.1	0.15	<0.1	0.14	1.7	0.14	4.4	0.37	0.12	<0.24	51	<0.58	0.92	1.3	0.12	<0.1	0.97	0.77	<0.1	0.11
	2/22/2009	0.71	<0.1	0.26	0.22	<0.1	<0.1	<0.1	0.51	<0.1	1	<0.1	1	<0.1	<0.1	<0.24	15	<0.58	0.24	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	<0.1
SVB-7	8/27/2008	2.3	<0.05	0.17	1.4	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.18	4.3	0.34	<0.05	<0.12	13	0.34	0.19	0.34	0.18	<0.05	<0.05	0.58	<0.05	<0.05
	11/8/2008	6.1	<0.1	0.3	1.9	<0.1	<0.1	<0.1	<0.1	0.2	2	0.16	7.2	0.45	0.15	<0.24	38	<0.58	1.3	0.4	0.21	<0.1	<0.1	1	<0.1	0.12
	2/22/2009	2.1	<0.1	<0.1	1	<0.1	<0.1	<0.1	1.6	<0.1	7.6	<0.1	5.2	0.35	<0.1	<0.24	24	<0.58	0.42	<0.1	<0.1	<0.1	<0.1	0.97	<0.1	<0.1
SVB-8	11/8/2008	<2	(<2)	<2	<2	<2	(<2)	<2	<2	<2	<2	<2	11	<2	<2	<4.8	88	<12	<2	<2	<2	<2	<2	<2	6.8	<2
	2/22/2009	<0.25	<0.45	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.5	<0.25	0.6	<0.25	<0.25	<0.60	6.2	<1.5	0.34	<0.25	<0.25	<0.25	<0.25	<0.25	1.1	<0.25

Notes:  
Bold and shaded cells indicate exceedances of one or more of the listed standards  
DEP RVC SV - CT DEP Residential Volatilization Criteria  
DEP ICVC SV - CT DEP Industrial/Commercial Volatilization Criteria  
NA - Not submitted for analysis  
NE - Criteria not established by the CT DEP  
ppbv - Parts per billion by volume  
< # - not detected above given laboratory detection limit  
(< #) - indicates the stated detection limit exceeds a RSR criteria  
1,2-Dichlorotetrafluoroethane (114) was detected in SVB-3 at 0.10 ppbv during the February 2009 sampling event.

TABLE 1  
Summary of Soil Gas Analytical Results

37 Booth Street  
New Britain, Connecticut

SAMPLE ID	DATE SAMPLED		Cyclohexane	Dichlorodifluoromethane	Ethanol	Ethyl Acetate	Ethylbenzene	Heptane	Hexane	Isopropyl Alcohol	Isopropylbenzene	m+p Xylenes	Methyl isobutyl ketone (MIBK)	Methylene chloride	p-Xylene	Propene	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethylene	Trichloroethylene	Trichlorofluoromethane	Vinyl chloride
		Unit	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
		DEP RVC SV	NE	NE	NE	NE	1650000	NE	NE	NE	NE	500000	140000	1200000	500000	NE	8000	11000	NE	760000	NE	7000	NE	420
		DEP ICVC SV	NE	NE	NE	NE	5672000	NE	NE	NE	NE	1702000	480000	2907000	1702000	NE	28000	27000	NE	2615000	NE	16000	NE	6100
		Proposed RVC SV	NE	14000	NE	NE	9300	NE	NE	NE	19000	38000	6800	650	38000	NE	9300	560	NE	42000	7100	140	50000	41
		Proposed ICVC SV	NE	140000	NE	NE	93000	NE	NE	NE	34000	160000	68000	6800	160000	NE	95000	1000	NE	180000	70000	260	120000	1000
SVB-1	8/27/2008		<0.1	0.52	300	<0.2	0.29	<0.1	0.39	11	1.4	0.72	<0.1	0.46	0.3	<0.2	0.29	7.5	1100	18	<0.1	3.7	2.4	<0.1
	11/8/2008		0.18	0.39	270	1.9	0.46	0.66	0.55	87	1.1	1.3	0.49	1.2	0.49	<0.1	0.23	3.5	2900	5.3	<0.1	1.7	1.4	<0.1
	2/22/2009		0.24	0.37	360	0.53	0.46	0.25	1	47	<0.1	1.3	0.14	0.83	0.4	<0.1	0.1	1.6	3500	6.8	<0.1	1.2	3.8	<0.1
SVB-2	8/27/2008		0.11	0.44	220	<0.1	0.15	0.12	0.32	9.2	<0.13	0.34	0.2	0.24	0.14	<0.1	0.19	0.17	110	2.6	<0.05	0.34	0.39	<0.1
	11/8/2008		0.21	0.57	71	1	0.41	0.2	0.55	32	0.66	1.2	0.17	1.9	0.38	<0.1	0.14	3.7	830	4.3	<0.1	3	0.58	<0.1
	2/22/2009		<0.1	0.41	300	0.89	0.28	0.18	0.3	56	<0.1	0.84	0.22	0.49	0.31	<0.1	<0.1	0.28	890	2.2	<0.1	1.7	0.88	0.22
SVB-3	8/27/2008		0.09	0.43	200	<0.1	0.15	0.11	0.33	12	<0.13	0.31	0.13	0.25	0.13	<0.1	0.17	0.07	0.78	2.6	<0.05	<0.05	0.34	<0.1
	11/8/2008		0.33	0.61	250	1.9	0.46	0.65	0.66	87	0.7	1.4	0.39	0.52	0.49	<0.1	0.23	1.5	1300	6.2	0.38	7.8	3	<0.1
	2/22/2009		0.28	0.58	530	0.3	0.3	0.18	0.3	130	<0.1	0.91	0.25	0.53	0.33	<0.1	0.1	0.8	750	2.1	<0.1	6	4	0.17
SVB-4	8/27/2008		<0.1	0.45	110	0.84	0.2	<0.1	0.62	25	0.89	0.51	0.21	0.51	0.21	<0.2	0.22	4.2	680	9.8	<0.1	1.9	0.66	<0.1
	11/8/2008		0.4	0.65	270	1.7	0.33	0.67	0.74	77	<0.26	0.81	0.39	0.63	0.26	<0.1	<0.1	0.19	53	3.4	<0.1	1.5	1.4	<0.1
	2/22/2009		0.13	0.39	480	<0.1	0.35	0.21	0.3	68	<0.26	1	0.19	0.43	0.32	<0.1	<0.1	0.55	2.4	2.8	0.28	2.2	0.72	<0.1
SVB-5	8/27/2008		0.08	0.44	160	<0.1	0.1	0.1	0.27	8.4	<0.13	0.16	0.15	0.21	<0.05	<0.1	<0.05	0.28	260	2	<0.05	0.46	0.29	<0.1
	11/8/2008		0.37	0.6	290	0.53	0.57	0.37	0.65	34	1.3	1.6	0.41	0.46	0.46	<0.1	0.1	1.9	1300	10	0.15	16	1.3	<0.1
	2/22/2009		<0.1	0.44	320	0.24	0.29	0.11	0.22	11	0.51	0.31	0.15	0.46	0.31	<0.1	0.11	4.9	1700	9	0.24	27	1.4	<0.1
SVB-6	8/26/2008		0.69	0.44	220	<0.1	0.63	0.24	0.67	18	<0.13	3	0.25	0.17	1.5	120	0.3	0.07	3.8	1.6	<0.05	<0.05	0.74	4.3
	11/8/2008		0.56	0.62	390	2.2	0.38	0.97	1.4	120	<0.26	1.1	0.44	1.1	0.4	<0.1	0.16	<0.1	22	3.7	<0.1	1.1	1.6	<0.1
	2/22/2009		<0.1	0.34	310	<0.1	0.1	0.11	0.32	59	<0.1	0.22	<0.1	0.44	0.11	<0.1	<0.1	<0.1	0.86	0.6	<0.1	<0.1	0.97	1.4
SVB-7	8/27/2008		0.07	0.52	140	<0.1	0.17	0.13	0.25	8	<0.13	0.39	0.21	<0.1	0.2	<0.1	0.19	0.05	19	3	<0.05	0.22	0.84	<0.1
	11/8/2008		0.21	0.51	290	1.8	0.49	0.67	0.54	73	0.68	1.4	0.43	0.41	0.52	<0.1	0.23	0.47	370	3.7	<0.1	1.8	1.6	<0.1
	2/22/2009		<0.1	0.44	600	14	0.34	<0.1	<0.1	8400	<0.1	1	0.26	0.8	0.38	<0.1	<0.1	0.26	52	2	<0.1	1	0.41	<0.1
SVB-8	11/8/2008		<2	<2	25	<4	<2	<2	2.2	8.3	<5.2	<4	<2	12	<2	9.4	<2	<2	<2	<2	<2	<2	<2	<2
	2/22/2009		<0.25	<0.25	63	<50	<0.25	<0.25	2.5	12	<0.65	<0.50	<0.25	4.4	<0.25	<0.25	<0.25	<0.25	<0.25	0.54	<0.25	<0.25	<0.25	<0.25

Notes:  
Bold and shaded cells indicate exceedances of one or more of the listed standards  
DEP RVC SV - CT DEP Residential Volatilization Criteria  
DEP ICVC SV - CT DEP Industrial/Commercial Volatilization Criteria  
NA - Not submitted for analysis  
NE - Criteria not established by the CT DEP  
ppbv - Parts per billion by volume  
< # - not detected above given laboratory detection limit  
(< #) - indicates the stated detection limit exceeds a RSR criteria  
1,2-Dichlorotetrafluoroethane (114) was detected in SVB-3 at 0.10 ppbv during the February 2009 sampling event.

**ATTACHMENT A**  
**LABORATORY ANALYTICAL REPORT**





39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 3/3/2009

HRP ASSOCIATES, INC. (PRIVATE)  
197 SCOTT SWAMP ROAD  
FARMINGTON, CT 06032  
ATTN: SCOT KUHN

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER: NEW4914.RA T-18

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23486  
JOB NUMBER: NEW4914.RAT-1

PROJECT LOCATION: FORMER FAFNIR-NEW BRITAIN

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
SVB-1	09B05466	AIR	Soil/Gas	air special test	
SVB-1	09B05466	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-1	09B05466	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-2	09B05467	AIR	Soil/Gas	air special test	
SVB-2	09B05467	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-2	09B05467	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-3	09B05468	AIR	Soil/Gas	air special test	
SVB-3	09B05468	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-3	09B05468	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-4	09B05469	AIR	Soil/Gas	air special test	
SVB-4	09B05469	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-4	09B05469	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-5	09B05470	AIR	Soil/Gas	air special test	
SVB-5	09B05470	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-5	09B05470	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-6	09B05471	AIR	Soil/Gas	air special test	
SVB-6	09B05471	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-6	09B05471	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-7	09B05472	AIR	Soil/Gas	air special test	
SVB-7	09B05472	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-7	09B05472	AIR	Soil/Gas	to-15 ug/m3+rcp	
SVB-8	09B05473	AIR	Soil/Gas	air special test	
SVB-8	09B05473	AIR	Soil/Gas	to-15 ppbv+rcp	
SVB-8	09B05473	AIR	Soil/Gas	to-15 ug/m3+rcp	



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REPORT DATE 3/3/2009

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CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER: NEW4914.RA T-18

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23486  
JOB NUMBER: NEW4914.RAT-1

#### Comments :

LIMS BATCH NO. : LIMIT-23486

#### CASE NARRATIVE SUMMARY

In method TO-15, any reported result for hexachlorobutadiene in samples is estimated and likely to be biased on the low side based on continuing calibration bias.

In method TO-15, any reported result for hexachlorobutadiene in samples is likely to be biased on the low side based on laboratory fortified blank recovery bias.

In method TO-15, any reported result for chloromethane, vinyl chloride and chloroethane in samples is estimated and likely to be biased on the high side based on continuing calibration bias.

In method TO-15, any reported result for chloromethane, freon 114, vinyl chloride and chloroethane in samples is likely to be biased on the high side based on laboratory fortified blank recovery bias.

In method TO-15, method blank associated with samples contained acetone at 0.63 ppbv = 1.4 ug/m3, ethanol at 0.19 ppbv = 0.36 ug/m3, isopropanol at 0.04 ppbv = 0.10 ug/m3, 2-butanone at 0.09 ppbv = 0.26 ug/m3 and 1,2,4-trichlorobenzene at 0.03 ppbv = 0.26 ug/m3.

There are no (other) analytical issues that affect the usability of the data.

#### METHOD TO-15 - ADDITIONAL DETAILS

In method TO-15 for 1,3-butadiene in samples, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

In method TO-15, data is not affected by laboratory fortified blank recovery outliers for bromomethane and 1,3-butadiene since all results are "not detected" and recovery bias is on the high side.

All TO-15 samples were analyzed undiluted unless specified below:

Sample	Dilution Factor	Analytes
09B05466	2X	most
	200X	ethanol, tetrahydrofuran
09B05467	2X	most
	40X	ethanol, tetrahydrofuran
09B05468	2X	most
	20X	ethanol, tetrahydrofuran freon 113, isopropanol 1,1,1-trichloroethane
09B05469	2X	most
	20X	ethanol, 1,1,1-trichloroethane
09B05470	2X	most
	100X	ethanol, tetrahydrofuran
09B05471	2X	most
	20X	ethanol
09B05472	4X	most
	20X	ethanol



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PROJECT NUMBER: NEW4914.RA T-18

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23486  
JOB NUMBER: NEW4914.RAT-1

09B05473 800X 5X isopropanol  
all

Initial and continuing calibrations met all required performance standards for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative.

-All standards met

Laboratory control sample recoveries and sample replicate RPDs were all within limits specified by the method for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative. Recovery limits of 50-150% are used for propene, acetone, ethanol, isopropanol, ethyl acetate, tetrahydrofuran, cyclohexane, heptane, 2-hexanone, 4-ethyltoluene, n-butylbenzene, sec-butylbenzene, 4-isopropyltoluene, and 1,1,1,2-tetrachloroethane.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

*Edward Denson* 3/3/09  
SIGNATURE DATE

Tod Kopyscinski  
Air Laboratory Manager

Michael Erickson  
Assistant Laboratory Director

Edward Denson  
Technical Director

Daren Damboragian  
Organics Department Supervisor

\* See end of data tabulation for notes and comments pertaining to this sample



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Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-1

Sample ID: 09B05466

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						

to-15 ppbv			EPA TO-15			
Acetone	PPBv	13	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.42	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	79	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	0.42	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	ND	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	ND	0.10		02/25/09	TPH
Chloroform	PPBv	4.4	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	0.24	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	3.9	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	0.10	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.37	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	12	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	0.51	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	0.18	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-1

Sample ID: 09B05466

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.10		02/25/09	TPH
Ethanol	PPBv	360	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	0.53	0.10		02/25/09	TPH
Ethylbenzene	PPBv	0.46	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	0.12	0.10		02/25/09	TPH
n-Heptane	PPBv	0.25	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	1.0	0.10		02/25/09	TPH
2-Hexanone	PPBv	0.21	0.10		02/25/09	TPH
Isopropanol	PPBv	47	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.83	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.14	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	0.10	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	1.6	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	3500	0.10		02/25/09	TPH
Toluene	PPBv	6.8	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	17	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	1.2	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	3.8	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	0.56	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	0.99	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	0.15	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	ND	0.10		02/25/09	TPH
m/p-Xylene	PPBv	1.3	0.20		02/25/09	TPH
o-Xylene	PPBv	0.40	0.10		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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FARMINGTON, CT 06032

Purchase Order No.:

3/3/2009

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Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-1

Sample ID: 09B05466

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	30	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	1.3	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	230	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	1.3	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	ND	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	ND	0.26		02/25/09	TPH
Chloroform	ug/m3	21	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	0.82	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	24	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	0.61	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	1.8	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	48	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	2.0	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	0.70	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	0.70		02/25/09	TPH
Ethanol	ug/m3	670	0.18		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-1

Sample ID: 09B05466

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	1.9	0.36		02/25/09	TPH
Ethylbenzene	ug/m3	2.0	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	0.61	0.50		02/25/09	TPH
n-Heptane	ug/m3	1.0	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	3.7	0.36		02/25/09	TPH
2-Hexanone	ug/m3	0.86	0.40		02/25/09	TPH
Isopropanol	ug/m3	110	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	2.9	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	0.59	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	0.44	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	11	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	10000	0.30		02/25/09	TPH
Toluene	ug/m3	25	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	92	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	6.6	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	21	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	4.3	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	4.9	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	0.73	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	ND	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	5.8	0.86		02/25/09	TPH
o-Xylene	ug/m3	1.7	0.44		02/25/09	TPH

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-2

Sample ID: 09B05467

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

Units	Results	RL	Method	Date Analyzed	Analyst
air specia					
SPECIAL TEST				02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.					

to-15 ppbv				EPA TO-15		
Acetone	PPBv	18	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.34	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	51	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	0.16	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	0.45	0.10		02/25/09	TPH
Chloroform	PPBv	3.3	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	5.2	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.41	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	17	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	3.3	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	0.20	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

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197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

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Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-2

Sample ID: 09B05467

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.10		02/25/09	TPH
Ethanol	PPBv	300	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	0.89	0.10		02/25/09	TPH
Ethylbenzene	PPBv	0.28	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.10		02/25/09	TPH
n-Heptane	PPBv	0.18	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	0.30	0.10		02/25/09	TPH
2-Hexanone	PPBv	0.31	0.10		02/25/09	TPH
Isopropanol	PPBv	56	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.49	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.22	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	ND	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	0.28	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	890	0.10		02/25/09	TPH
Toluene	PPBv	2.2	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	79	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	1.7	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	0.88	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	42	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	1.1	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	0.10	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	0.22	0.10		02/25/09	TPH
m/p-Xylene	PPBv	0.84	0.20		02/25/09	TPH
o-Xylene	PPBv	0.31	0.10		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

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Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-2

Sample ID: 09B05467

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	42	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	1.1	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	150	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	0.98	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	1.2	0.26		02/25/09	TPH
Chloroform	ug/m3	16	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	ND	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	31	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	2.0	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	70	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	13	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	0.79	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	0.70		02/25/09	TPH
Ethanol	ug/m3	560	0.18		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-2

Sample ID: 09B05467

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	3.2	0.36		02/25/09	TPH
Ethylbenzene	ug/m3	1.2	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	0.50		02/25/09	TPH
n-Heptane	ug/m3	0.75	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	1.0	0.36		02/25/09	TPH
2-Hexanone	ug/m3	1.3	0.40		02/25/09	TPH
Isopropanol	ug/m3	140	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	1.7	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	0.90	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	ND	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	1.9	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	2600	0.30		02/25/09	TPH
Toluene	ug/m3	8.2	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	430	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	9.0	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	5.0	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	320	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	5.4	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	0.50	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	0.56	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	3.6	0.86		02/25/09	TPH
o-Xylene	ug/m3	1.3	0.44		02/25/09	TPH

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-3

Sample ID: 09B05468

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						
to-15 ppbv				EPA TO-15		
Acetone	PPBv	34	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.96	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	8.0	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	0.18	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	6.5	0.10		02/25/09	TPH
Chloroform	PPBv	8.5	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	0.28	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	7.3	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.58	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	75	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	0.13	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	38	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	2.3	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	0.28	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

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FARMINGTON, CT 06032

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-3

Sample ID: 09B05468

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	0.10	0.10		02/25/09	TPH
Ethanol	PPBv	530	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	0.30	0.10		02/25/09	TPH
Ethylbenzene	PPBv	0.30	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.10		02/25/09	TPH
n-Heptane	PPBv	0.18	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	0.30	0.10		02/25/09	TPH
2-Hexanone	PPBv	0.30	0.10		02/25/09	TPH
Isopropanol	PPBv	130	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.53	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.25	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	0.10	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	0.80	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	750	0.10		02/25/09	TPH
Toluene	PPBv	2.1	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	450	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	6.0	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	4.0	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	480	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	1.1	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	0.11	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	0.17	0.10		02/25/09	TPH
m/p-Xylene	PPBv	0.91	0.20		02/25/09	TPH
o-Xylene	PPBv	0.33	0.10		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-3

Sample ID: 09B05468

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	81	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	3.1	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	24	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	1.2	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	17	0.26		02/25/09	TPH
Chloroform	ug/m3	42	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	0.97	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	44	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	2.8	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	300	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	0.52	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	150	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	9.0	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	1.1	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	0.73	0.70		02/25/09	TPH
Ethanol	ug/m3	1000	0.18		02/25/09	TPH

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-3

Sample ID: 09B05468

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	1.1	0.36		02/25/09	TPH
Ethylbenzene	ug/m3	1.3	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	0.50		02/25/09	TPH
n-Heptane	ug/m3	0.75	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	1.1	0.36		02/25/09	TPH
2-Hexanone	ug/m3	1.2	0.40		02/25/09	TPH
Isopropanol	ug/m3	310	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	1.9	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	1.0	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	0.43	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	5.4	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	2200	0.30		02/25/09	TPH
Toluene	ug/m3	8.0	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	2400	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	32	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	22	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	3600	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	5.2	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	0.53	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	0.43	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	3.9	0.86		02/25/09	TPH
o-Xylene	ug/m3	1.4	0.44		02/25/09	TPH

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NM = Not Measured

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-4

Sample ID: 09B05469

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						

to-15 ppbv			EPA TO-15			
Acetone	PPBv	25	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.61	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	2.4	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	0.22	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	ND	0.10		02/25/09	TPH
Chloroform	PPBv	14	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	0.13	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	2.4	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.39	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	14	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	1.1	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	0.13	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-4

Sample ID: 09B05469

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.10		02/25/09	TPH
Ethanol	PPBv	480	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	ND	0.20		02/25/09	TPH
Ethylbenzene	PPBv	0.35	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.10		02/25/09	TPH
n-Heptane	PPBv	0.21	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	0.30	0.10		02/25/09	TPH
2-Hexanone	PPBv	ND	0.10		02/25/09	TPH
Isopropanol	PPBv	68	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.43	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.19	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	ND	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	0.55	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	2.4	0.10		02/25/09	TPH
Toluene	PPBv	2.8	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	67	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	2.2	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	0.72	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	13	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	1.1	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	0.12	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	ND	0.10		02/25/09	TPH
m/p-Xylene	PPBv	1.0	0.20		02/25/09	TPH
o-Xylene	PPBv	0.32	0.10		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-4

Sample ID: 09B05469

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	60	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	1.9	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	7.1	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	1.4	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	ND	0.26		02/25/09	TPH
Chloroform	ug/m3	69	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	0.45	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	15	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	1.9	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	55	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	4.5	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	0.52	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	0.70		02/25/09	TPH
Ethanol	ug/m3	910	0.18		02/25/09	TPH

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-4

Sample ID: 09B05469

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	ND	0.73		02/25/09	TPH
Ethylbenzene	ug/m3	1.5	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	0.50		02/25/09	TPH
n-Heptane	ug/m3	0.85	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	1.0	0.36		02/25/09	TPH
2-Hexanone	ug/m3	ND	0.40		02/25/09	TPH
Isopropanol	ug/m3	170	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	1.5	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	0.76	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	ND	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	3.7	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	7.1	0.30		02/25/09	TPH
Toluene	ug/m3	11	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	360	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	12	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	4.1	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	98	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	5.2	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	0.60	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	ND	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	4.5	0.86		02/25/09	TPH
o-Xylene	ug/m3	1.4	0.44		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN  
HRP ASSOCIATES, INC. (PRIVATE)  
197 SCOTT SWAMP ROAD  
FARMINGTON, CT 06032

Purchase Order No.:

3/3/2009

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Project Location: FORMER FAFNIR-NEW BRITAIN  
Date Received: 2/23/2009

Project Number: NEW4914.RA T-18  
LIMS-BAT #: LIMIT-23486  
Job Number: NEW4914.RAT-18

Field Sample #: SVB-5

Sample ID: 09B05470

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

Units	Results	RL	Method	Date Analyzed	Analyst
air specia					
SPECIAL TEST				02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.					

to-15 ppbv				EPA TO-15		
Acetone	PPBv	30	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.21	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	2.5	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	0.15	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	0.70	0.10		02/25/09	TPH
Chloroform	PPBv	2.1	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	3.8	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	0.13	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.44	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	17	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	0.57	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	1.7	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	0.24	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN  
HRP ASSOCIATES, INC. (PRIVATE)  
197 SCOTT SWAMP ROAD  
FARMINGTON, CT 06032

3/3/2009  
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Project Location: FORMER FAFNIR-NEW BRITAIN  
Date Received: 2/23/2009

Purchase Order No.:

Project Number: NEW4914.RA T-18  
LIMS-BAT #: LIMIT-23486  
Job Number: NEW4914.RAT-18

Field Sample #: SVB-5

Sample ID: 09B05470

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.10		02/25/09	TPH
Ethanol	PPBv	320	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	0.24	0.10		02/25/09	TPH
Ethylbenzene	PPBv	0.29	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	0.13	0.10		02/25/09	TPH
n-Heptane	PPBv	0.11	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	0.22	0.10		02/25/09	TPH
2-Hexanone	PPBv	0.31	0.10		02/25/09	TPH
Isopropanol	PPBv	1.1	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	0.51	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	3.0	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.46	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.15	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	0.11	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	4.9	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	1700	0.10		02/25/09	TPH
Toluene	PPBv	9.0	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	69	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	27	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	1.4	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	22	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	1.0	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	0.13	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	ND	0.10		02/25/09	TPH
m/p-Xylene	PPBv	0.88	0.20		02/25/09	TPH
o-Xylene	PPBv	0.31	0.10		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN  
HRP ASSOCIATES, INC. (PRIVATE)  
197 SCOTT SWAMP ROAD  
FARMINGTON, CT 06032

Purchase Order No.:

3/3/2009  
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Project Location: FORMER FAFNIR-NEW BRITAIN  
Date Received: 2/23/2009

Project Number: NEW4914.RA T-18  
LIMS-BAT #: LIMT-23486  
Job Number: NEW4914.RAT-18

Field Sample #: SVB-5

Sample ID: 09B05470

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	72	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	0.66	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	7.3	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	0.97	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	1.9	0.26		02/25/09	TPH
Chloroform	ug/m3	10	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	ND	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	23	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	0.76	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	2.2	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	68	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	2.3	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	6.8	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	0.97	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	0.70		02/25/09	TPH
Ethanol	ug/m3	610	0.18		02/25/09	TPH

RL = Reporting Limit

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-5

Sample ID: 09B05470

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	0.86	0.36		02/25/09	TPH
Ethylbenzene	ug/m3	1.3	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	0.64	0.50		02/25/09	TPH
n-Heptane	ug/m3	0.44	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	0.77	0.36		02/25/09	TPH
2-Hexanone	ug/m3	1.3	0.40		02/25/09	TPH
Isopropanol	ug/m3	26	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	2.5	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	16	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	1.6	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	0.62	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	0.46	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	33	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	5000	0.30		02/25/09	TPH
Toluene	ug/m3	34	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	380	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	150	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	7.6	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	170	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	5.1	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	0.64	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	ND	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	3.8	0.86		02/25/09	TPH
o-Xylene	ug/m3	1.4	0.44		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-6

Sample ID: 09B05471

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						

to-15 ppbv				EPA TO-15		
Acetone	PPBv	15	0.10		02/25/09	TPH
Acrylonitrile	PPBv	ND	0.58		02/25/09	TPH
Benzene	PPBv	0.24	0.10		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.10		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.10		02/25/09	TPH
Bromoform	PPBv	ND	0.10		02/25/09	TPH
Bromomethane	PPBv	ND	0.10		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.10		02/25/09	TPH
2-Butanone (MEK)	PPBv	1.0	0.10		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.24		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.10		02/25/09	TPH
Carbon Tetrachloride	PPBv	ND	0.10		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.10		02/25/09	TPH
Chloroethane	PPBv	ND	0.10		02/25/09	TPH
Chloroform	PPBv	0.50	0.10		02/25/09	TPH
Chloromethane	PPBv	ND	0.10		02/25/09	TPH
Cyclohexane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	1.0	0.10		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.34	0.10		02/25/09	TPH
1,1-Dichloroethane	PPBv	0.22	0.10		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.10		02/25/09	TPH
1,1-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.10		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.28		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

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FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-6

Sample ID: 09B05471

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.10		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.10		02/25/09	TPH
Ethanol	PPBv	310	0.10		02/25/09	TPH
Ethyl Acetate	PPBv	ND	0.20		02/25/09	TPH
Ethylbenzene	PPBv	0.10	0.10		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.10		02/25/09	TPH
n-Heptane	PPBv	0.11	0.10		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.10		02/25/09	TPH
Hexane	PPBv	0.32	0.10		02/25/09	TPH
2-Hexanone	PPBv	ND	0.10		02/25/09	TPH
Isopropanol	PPBv	59	0.10		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.26		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.24		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.10		02/25/09	TPH
Methylene Chloride	PPBv	0.44	0.10		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	0.10		02/25/09	TPH
Propene	PPBv	ND	0.10		02/25/09	TPH
Styrene	PPBv	ND	0.10		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.18		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.10		02/25/09	TPH
Tetrachloroethylene	PPBv	ND	0.10		02/25/09	TPH
Tetrahydrofuran	PPBv	0.86	0.10		02/25/09	TPH
Toluene	PPBv	0.60	0.10		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.10		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	0.71	0.10		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.10		02/25/09	TPH
Trichloroethylene	PPBv	ND	0.10		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	0.97	0.10		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	0.26	0.10		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	0.51	0.10		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	ND	0.10		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.10		02/25/09	TPH
Vinyl Chloride	PPBv	1.4	0.10		02/25/09	TPH
m/p-Xylene	PPBv	0.29	0.20		02/25/09	TPH
o-Xylene	PPBv	0.11	0.10		02/25/09	TPH

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-6

Sample ID: 09B05471

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	35	0.24		02/25/09	TPH
Acrylonitrile	ug/m3	ND	1.3		02/25/09	TPH
Benzene	ug/m3	0.77	0.32		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	0.66		02/25/09	TPH
Bromoform	ug/m3	ND	1.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.38		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.22		02/25/09	TPH
2-Butanone (MEK)	ug/m3	3.0	0.30		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.32		02/25/09	TPH
Carbon Tetrachloride	ug/m3	ND	0.62		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.46		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	0.86		02/25/09	TPH
Chloroethane	ug/m3	ND	0.26		02/25/09	TPH
Chloroform	ug/m3	2.5	0.48		02/25/09	TPH
Chloromethane	ug/m3	ND	0.20		02/25/09	TPH
Cyclohexane	ug/m3	ND	0.34		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	0.76		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	6.1	0.60		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	0.60		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	1.7	0.50		02/25/09	TPH
1,1-Dichloroethane	ug/m3	0.90	0.40		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.40		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	0.40		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.46		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	1.3		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.44		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	0.70		02/25/09	TPH
Ethanol	ug/m3	590	0.18		02/25/09	TPH

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-6

Sample ID: 09B05471

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	ND	0.73		02/25/09	TPH
Ethylbenzene	ug/m3	0.44	0.44		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	0.50		02/25/09	TPH
n-Heptane	ug/m3	0.45	0.40		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	1.1		02/25/09	TPH
Hexane	ug/m3	1.1	0.36		02/25/09	TPH
2-Hexanone	ug/m3	ND	0.40		02/25/09	TPH
Isopropanol	ug/m3	150	0.24		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	1.3		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	1.3		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.36		02/25/09	TPH
Methylene Chloride	ug/m3	1.5	0.34		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	0.40		02/25/09	TPH
Propene	ug/m3	ND	0.18		02/25/09	TPH
Styrene	ug/m3	ND	0.42		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	1.3		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.68		02/25/09	TPH
Tetrachloroethylene	ug/m3	ND	0.68		02/25/09	TPH
Tetrahydrofuran	ug/m3	2.5	0.30		02/25/09	TPH
Toluene	ug/m3	2.3	0.38		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	0.74		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	3.9	0.54		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	0.54		02/25/09	TPH
Trichloroethylene	ug/m3	ND	0.54		02/25/09	TPH
Trichlorofluoromethane	ug/m3	5.5	0.56		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	2.0	0.76		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	2.5	0.50		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	ND	0.50		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.36		02/25/09	TPH
Vinyl Chloride	ug/m3	3.5	0.26		02/25/09	TPH
m/p-Xylene	ug/m3	1.3	0.86		02/25/09	TPH
o-Xylene	ug/m3	0.46	0.44		02/25/09	TPH

RL = Reporting Limit

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NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-7

Sample ID: 09B05472

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						

to-15 ppbv				EPA TO-15		
Acetone	PPBv	24	0.20		02/25/09	TPH
Acrylonitrile	PPBv	ND	1.2		02/25/09	TPH
Benzene	PPBv	0.42	0.20		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.20		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.20		02/25/09	TPH
Bromoform	PPBv	ND	0.20		02/25/09	TPH
Bromomethane	PPBv	ND	0.20		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.20		02/25/09	TPH
2-Butanone (MEK)	PPBv	5.2	0.20		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.48		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.48		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.20		02/25/09	TPH
Carbon Tetrachloride	PPBv	ND	0.20		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.20		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.20		02/25/09	TPH
Chloroethane	PPBv	ND	0.20		02/25/09	TPH
Chloroform	PPBv	0.97	0.20		02/25/09	TPH
Chloromethane	PPBv	ND	0.20		02/25/09	TPH
Cyclohexane	PPBv	ND	0.20		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.20		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.20		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	7.6	0.20		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.20		02/25/09	TPH
Dichlorodifluoromethane	PPBv	0.44	0.20		02/25/09	TPH
1,1-Dichloroethane	PPBv	1.0	0.20		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.20		02/25/09	TPH
1,1-Dichloroethylene	PPBv	ND	0.20		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	ND	0.20		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.20		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.20		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.56		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.20		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-7

Sample ID: 09B05472

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.20		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.20		02/25/09	TPH
Ethanol	PPBv	600	0.20		02/25/09	TPH
Ethyl Acetate	PPBv	14	0.20		02/25/09	TPH
Ethylbenzene	PPBv	0.34	0.20		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.20		02/25/09	TPH
n-Heptane	PPBv	ND	0.20		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.20		02/25/09	TPH
Hexane	PPBv	ND	0.20		02/25/09	TPH
2-Hexanone	PPBv	0.35	0.20		02/25/09	TPH
Isopropanol	PPBv	8400	0.20		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.52		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.48		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.20		02/25/09	TPH
Methylene Chloride	PPBv	0.80	0.20		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	0.26	0.20		02/25/09	TPH
Propene	PPBv	ND	0.20		02/25/09	TPH
Styrene	PPBv	ND	0.20		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.36		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.20		02/25/09	TPH
Tetrachloroethylene	PPBv	0.26	0.20		02/25/09	TPH
Tetrahydrofuran	PPBv	52	0.20		02/25/09	TPH
Toluene	PPBv	2.0	0.20		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.20		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	2.1	0.20		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.20		02/25/09	TPH
Trichloroethylene	PPBv	1.0	0.20		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	0.41	0.20		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	0.20		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	1.6	0.20		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	ND	0.20		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.20		02/25/09	TPH
Vinyl Chloride	PPBv	ND	0.20		02/25/09	TPH
m/p-Xylene	PPBv	1.0	0.40		02/25/09	TPH
o-Xylene	PPBv	0.38	0.20		02/25/09	TPH

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NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

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FARMINGTON, CT 06032

Purchase Order No.:

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-7

Sample ID: 09B05472

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	57	0.48		02/25/09	TPH
Acrylonitrile	ug/m3	ND	2.6		02/25/09	TPH
Benzene	ug/m3	1.3	0.64		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	1.1		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	1.4		02/25/09	TPH
Bromoform	ug/m3	ND	2.1		02/25/09	TPH
Bromomethane	ug/m3	ND	0.76		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.44		02/25/09	TPH
2-Butanone (MEK)	ug/m3	15	0.60		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	2.6		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	2.6		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.64		02/25/09	TPH
Carbon Tetrachloride	ug/m3	ND	1.3		02/25/09	TPH
Chlorobenzene	ug/m3	ND	0.92		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	1.8		02/25/09	TPH
Chloroethane	ug/m3	ND	0.52		02/25/09	TPH
Chloroform	ug/m3	4.7	0.96		02/25/09	TPH
Chloromethane	ug/m3	ND	0.40		02/25/09	TPH
Cyclohexane	ug/m3	ND	0.68		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	1.6		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	1.2		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	46	1.2		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	1.2		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	2.2	1.0		02/25/09	TPH
1,1-Dichloroethane	ug/m3	4.1	0.80		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	0.80		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	ND	0.80		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	ND	0.80		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	0.80		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	0.92		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	2.5		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	0.88		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	0.88		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	1.4		02/25/09	TPH
Ethanol	ug/m3	1100	0.36		02/25/09	TPH

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\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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HRP ASSOCIATES, INC. (PRIVATE)

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FARMINGTON, CT 06032

Purchase Order No.:

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

Field Sample #: SVB-7

Sample ID: 09B05472

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	51	0.72		02/25/09	TPH
Ethylbenzene	ug/m3	1.5	0.88		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	1.0		02/25/09	TPH
n-Heptane	ug/m3	ND	0.80		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	2.2		02/25/09	TPH
Hexane	ug/m3	ND	0.72		02/25/09	TPH
2-Hexanone	ug/m3	1.4	0.80		02/25/09	TPH
Isopropanol	ug/m3	21000	0.48		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	2.6		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	2.6		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.72		02/25/09	TPH
Methylene Chloride	ug/m3	2.8	0.68		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	1.1	0.80		02/25/09	TPH
Propene	ug/m3	ND	0.36		02/25/09	TPH
Styrene	ug/m3	ND	0.84		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	2.6		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.4		02/25/09	TPH
Tetrachloroethylene	ug/m3	1.8	1.4		02/25/09	TPH
Tetrahydrofuran	ug/m3	150	0.60		02/25/09	TPH
Toluene	ug/m3	7.6	0.76		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	1.5		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	12	1.1		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	1.1		02/25/09	TPH
Trichloroethylene	ug/m3	5.5	1.1		02/25/09	TPH
Trichlorofluoromethane	ug/m3	2.3	1.2		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	1.6		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	7.8	1.0		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	ND	1.0		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.72		02/25/09	TPH
Vinyl Chloride	ug/m3	ND	0.52		02/25/09	TPH
m/p-Xylene	ug/m3	4.3	1.8		02/25/09	TPH
o-Xylene	ug/m3	1.6	0.88		02/25/09	TPH

RL = Reporting Limit

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NM = Not Measured

\* = See end of report for comments and notes applying to this sample

‡ See attached chain-of-custody record for time sampled



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Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-8

Sample ID: 09B05473

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
air specia						
SPECIAL TEST					02/25/09	TPH
SEE RESULTS PAGE FOR MORE INFORMATION.						

to-15 ppbv				EPA TO-15		
Acetone	PPBv	6.2	0.25		02/25/09	TPH
Acrylonitrile	PPBv	ND	1.5		02/25/09	TPH
Benzene	PPBv	0.34	0.25		02/25/09	TPH
Benzyl Chloride	PPBv	ND	0.25		02/25/09	TPH
Bromodichloromethane	PPBv	ND	0.25		02/25/09	TPH
Bromoform	PPBv	ND	0.25		02/25/09	TPH
Bromomethane	PPBv	ND	0.25		02/25/09	TPH
1,3-Butadiene	PPBv	ND	0.25		02/25/09	TPH
2-Butanone (MEK)	PPBv	0.60	0.25		02/25/09	TPH
n-Butylbenzene	PPBv	ND	0.60		02/25/09	TPH
sec-Butylbenzene	PPBv	ND	0.60		02/25/09	TPH
Carbon Disulfide	PPBv	ND	0.25		02/25/09	TPH
Carbon Tetrachloride	PPBv	ND	0.25		02/25/09	TPH
Chlorobenzene	PPBv	ND	0.25		02/25/09	TPH
Chlorodibromomethane	PPBv	ND	0.25		02/25/09	TPH
Chloroethane	PPBv	ND	0.25		02/25/09	TPH
Chloroform	PPBv	ND	0.25		02/25/09	TPH
Chloromethane	PPBv	1.1	0.25		02/25/09	TPH
Cyclohexane	PPBv	ND	0.25		02/25/09	TPH
1,2-Dibromoethane	PPBv	ND	0.25		02/25/09	TPH
1,2-Dichlorobenzene	PPBv	ND	0.25		02/25/09	TPH
1,3-Dichlorobenzene	PPBv	0.50	0.25		02/25/09	TPH
1,4-Dichlorobenzene	PPBv	ND	0.25		02/25/09	TPH
Dichlorodifluoromethane	PPBv	ND	0.25		02/25/09	TPH
1,1-Dichloroethane	PPBv	ND	0.25		02/25/09	TPH
1,2-Dichloroethane	PPBv	ND	0.25		02/25/09	TPH
1,1-Dichloroethylene	PPBv	ND	0.25		02/25/09	TPH
cis-1,2-Dichloroethylene	PPBv	ND	0.25		02/25/09	TPH
t-1,2-Dichloroethylene	PPBv	ND	0.25		02/25/09	TPH
1,2-Dichloropropane	PPBv	ND	0.25		02/25/09	TPH
1,3-Dichloropropane	PPBv	ND	0.70		02/25/09	TPH
cis-1,3-Dichloropropene	PPBv	ND	0.25		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled





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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-8

Sample ID: 09B05473

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ppbv				EPA TO-15		
trans-1,3-Dichloropropene	PPBv	ND	0.25		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	PPBv	ND	0.25		02/25/09	TPH
Ethanol	PPBv	63	0.25		02/25/09	TPH
Ethyl Acetate	PPBv	ND	0.50		02/25/09	TPH
Ethylbenzene	PPBv	ND	0.25		02/25/09	TPH
4-Ethyl Toluene	PPBv	ND	0.25		02/25/09	TPH
n-Heptane	PPBv	ND	0.25		02/25/09	TPH
Hexachlorobutadiene	PPBv	ND	0.25		02/25/09	TPH
Hexane	PPBv	2.5	0.25		02/25/09	TPH
2-Hexanone	PPBv	ND	0.25		02/25/09	TPH
Isopropanol	PPBv	12	0.25		02/25/09	TPH
Isopropylbenzene	PPBv	ND	0.65		02/25/09	TPH
p-Isopropyltoluene	PPBv	ND	0.60		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	PPBv	ND	0.25		02/25/09	TPH
Methylene Chloride	PPBv	4.4	0.25		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	PPBv	ND	0.25		02/25/09	TPH
Propene	PPBv	ND	0.25		02/25/09	TPH
Styrene	PPBv	ND	0.25		02/25/09	TPH
1,1,1,2-Tetrachloroethane	PPBv	ND	0.45		02/25/09	TPH
1,1,2,2-Tetrachloroethane	PPBv	ND	0.25		02/25/09	TPH
Tetrachloroethylene	PPBv	ND	0.25		02/25/09	TPH
Tetrahydrofuran	PPBv	ND	0.25		02/25/09	TPH
Toluene	PPBv	0.54	0.25		02/25/09	TPH
1,2,4-Trichlorobenzene	PPBv	ND	0.25		02/25/09	TPH
1,1,1-Trichloroethane	PPBv	ND	0.25		02/25/09	TPH
1,1,2-Trichloroethane	PPBv	ND	0.25		02/25/09	TPH
Trichloroethylene	PPBv	ND	0.25		02/25/09	TPH
Trichlorofluoromethane (Freon 11)	PPBv	ND	0.25		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	PPBv	ND	0.25		02/25/09	TPH
1,2,4-Trimethylbenzene	PPBv	ND	0.25		02/25/09	TPH
1,3,5-Trimethylbenzene	PPBv	ND	0.25		02/25/09	TPH
Vinyl Acetate	PPBv	ND	0.25		02/25/09	TPH
Vinyl Chloride	PPBv	ND	0.25		02/25/09	TPH
m/p-Xylene	PPBv	ND	0.50		02/25/09	TPH
o-Xylene	PPBv	ND	0.25		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-8

Sample ID: 09B05473

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Acetone	ug/m3	15	0.60		02/25/09	TPH
Acrylonitrile	ug/m3	ND	3.2		02/25/09	TPH
Benzene	ug/m3	1.1	0.80		02/25/09	TPH
Benzyl Chloride	ug/m3	ND	1.3		02/25/09	TPH
Bromodichloromethane	ug/m3	ND	1.7		02/25/09	TPH
Bromoform	ug/m3	ND	2.6		02/25/09	TPH
Bromomethane	ug/m3	ND	0.95		02/25/09	TPH
1,3-Butadiene	ug/m3	ND	0.55		02/25/09	TPH
2-Butanone (MEK)	ug/m3	1.8	0.75		02/25/09	TPH
n-Butylbenzene	ug/m3	ND	3.2		02/25/09	TPH
sec-Butylbenzene	ug/m3	ND	3.2		02/25/09	TPH
Carbon Disulfide	ug/m3	ND	0.80		02/25/09	TPH
Carbon Tetrachloride	ug/m3	ND	1.6		02/25/09	TPH
Chlorobenzene	ug/m3	ND	1.2		02/25/09	TPH
Chlorodibromomethane	ug/m3	ND	2.2		02/25/09	TPH
Chloroethane	ug/m3	ND	0.65		02/25/09	TPH
Chloroform	ug/m3	ND	1.2		02/25/09	TPH
Chloromethane	ug/m3	2.2	0.50		02/25/09	TPH
Cyclohexane	ug/m3	ND	0.85		02/25/09	TPH
1,2-Dibromoethane	ug/m3	ND	1.9		02/25/09	TPH
1,2-Dichlorobenzene	ug/m3	ND	1.5		02/25/09	TPH
1,3-Dichlorobenzene	ug/m3	3.0	1.5		02/25/09	TPH
1,4-Dichlorobenzene	ug/m3	ND	1.5		02/25/09	TPH
Dichlorodifluoromethane	ug/m3	ND	1.3		02/25/09	TPH
1,1-Dichloroethane	ug/m3	ND	1.0		02/25/09	TPH
1,2-Dichloroethane	ug/m3	ND	1.0		02/25/09	TPH
1,1-Dichloroethylene	ug/m3	ND	1.0		02/25/09	TPH
cis-1,2-Dichloroethylene	ug/m3	ND	1.0		02/25/09	TPH
t-1,2-Dichloroethylene	ug/m3	ND	1.0		02/25/09	TPH
1,2-Dichloropropane	ug/m3	ND	1.2		02/25/09	TPH
1,3-Dichloropropane	ug/m3	ND	3.1		02/25/09	TPH
cis-1,3-Dichloropropene	ug/m3	ND	1.1		02/25/09	TPH
trans-1,3-Dichloropropene	ug/m3	ND	1.1		02/25/09	TPH
1,2-Dichlorotetrafluoroethane (114)	ug/m3	ND	1.8		02/25/09	TPH
Ethanol	ug/m3	120	0.45		02/25/09	TPH

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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

Field Sample #: SVB-8

Sample ID: 09B05473

‡Sampled: 2/21/2009

Soil/Gas

Sample Matrix: AIR

Sample Medium: SUMMA

	Units	Results	RL	Method	Date Analyzed	Analyst
to-15 ug/m				EPA TO-15		
Ethyl Acetate	ug/m3	ND	1.9		02/25/09	TPH
Ethylbenzene	ug/m3	ND	1.1		02/25/09	TPH
4-Ethyl Toluene	ug/m3	ND	1.3		02/25/09	TPH
n-Heptane	ug/m3	ND	1.0		02/25/09	TPH
Hexachlorobutadiene	ug/m3	ND	2.7		02/25/09	TPH
Hexane	ug/m3	8.8	0.90		02/25/09	TPH
2-Hexanone	ug/m3	ND	1.0		02/25/09	TPH
Isopropanol	ug/m3	28	0.60		02/25/09	TPH
Isopropylbenzene	ug/m3	ND	3.2		02/25/09	TPH
p-Isopropyltoluene	ug/m3	ND	3.2		02/25/09	TPH
Methyl tert-Butyl Ether (MTBE)	ug/m3	ND	0.90		02/25/09	TPH
Methylene Chloride	ug/m3	15	0.85		02/25/09	TPH
4-Methyl-2-Pentanone (MIBK)	ug/m3	ND	1.0		02/25/09	TPH
Propene	ug/m3	ND	0.45		02/25/09	TPH
Styrene	ug/m3	ND	1.1		02/25/09	TPH
1,1,1,2-Tetrachloroethane	ug/m3	ND	3.2		02/25/09	TPH
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.7		02/25/09	TPH
Tetrachloroethylene	ug/m3	ND	1.7		02/25/09	TPH
Tetrahydrofuran	ug/m3	ND	0.75		02/25/09	TPH
Toluene	ug/m3	2.1	0.95		02/25/09	TPH
1,2,4-Trichlorobenzene	ug/m3	ND	1.9		02/25/09	TPH
1,1,1-Trichloroethane	ug/m3	ND	1.4		02/25/09	TPH
1,1,2-Trichloroethane	ug/m3	ND	1.4		02/25/09	TPH
Trichloroethylene	ug/m3	ND	1.4		02/25/09	TPH
Trichlorofluoromethane	ug/m3	ND	1.4		02/25/09	TPH
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/m3	ND	1.9		02/25/09	TPH
1,2,4-Trimethylbenzene	ug/m3	ND	1.3		02/25/09	TPH
1,3,5-Trimethylbenzene	ug/m3	ND	1.3		02/25/09	TPH
Vinyl Acetate	ug/m3	ND	0.90		02/25/09	TPH
Vinyl Chloride	ug/m3	ND	0.65		02/25/09	TPH
m/p-Xylene	ug/m3	ND	2.2		02/25/09	TPH
o-Xylene	ug/m3	ND	1.1		02/25/09	TPH

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‡ See attached chain-of-custody record for time sampled



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SCOT KUHN

HRP ASSOCIATES, INC. (PRIVATE)

197 SCOTT SWAMP ROAD

FARMINGTON, CT 06032

Purchase Order No.:

Project Location: FORMER FAFNIR-NEW BRITAIN

Date Received: 2/23/2009

3/3/2009

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Project Number: NEW4914.RA T-18

LIMS-BAT #: LIMIT-23486

Job Number: NEW4914.RAT-18

\*\* END OF REPORT \*\*

RL = Reporting Limit

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‡ See attached chain-of-custody record for time sampled



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/3/2009

Lims Bat # : LIMIT-23486

Page 1 of 9

QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05466	4-Bromofluorobenzene	Surrogate Recovery	100.50	%	70-130
09B05467	4-Bromofluorobenzene	Surrogate Recovery	105.62	%	70-130
09B05468	4-Bromofluorobenzene	Surrogate Recovery	102.25	%	70-130
09B05469	4-Bromofluorobenzene	Surrogate Recovery	114.25	%	70-130
09B05470	4-Bromofluorobenzene	Surrogate Recovery	110.62	%	70-130
09B05471	4-Bromofluorobenzene	Surrogate Recovery	111.00	%	70-130
09B05472	4-Bromofluorobenzene	Surrogate Recovery	101.12	%	70-130
09B05473	4-Bromofluorobenzene	Surrogate Recovery	110.87	%	70-130
BLANK-129995	Acetone	Blank	1.49	ug/m3	
	Benzene	Blank	<0.08	ug/m3	
	Carbon Tetrachloride	Blank	<0.16	ug/m3	
	Chloroform	Blank	<0.12	ug/m3	
	1,2-Dichloroethane	Blank	<0.10	ug/m3	
	1,4-Dichlorobenzene	Blank	<0.15	ug/m3	
	Ethyl Acetate	Blank	<0.19	ug/m3	
	Ethylbenzene	Blank	<0.11	ug/m3	
	Hexane	Blank	<0.09	ug/m3	
	Isopropanol	Blank	0.10	ug/m3	
	2-Butanone (MEK)	Blank	0.26	ug/m3	
	4-Methyl-2-Pentanone (MIBK)	Blank	<0.10	ug/m3	
	Styrene	Blank	<0.11	ug/m3	
	Tetrachloroethylene	Blank	<0.17	ug/m3	
	Toluene	Blank	<0.10	ug/m3	
	1,1,1-Trichloroethane	Blank	<0.14	ug/m3	
	Trichloroethylene	Blank	<0.14	ug/m3	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.19	ug/m3	
	Trichlorofluoromethane	Blank	<0.14	ug/m3	
	o-Xylene	Blank	<0.11	ug/m3	
	m/p-Xylene	Blank	<0.22	ug/m3	
	1,2-Dichlorobenzene	Blank	<0.15	ug/m3	
	1,3-Dichlorobenzene	Blank	<0.15	ug/m3	
	1,1-Dichloroethane	Blank	<0.10	ug/m3	
	1,1-Dichloroethylene	Blank	<0.10	ug/m3	
	Ethanol	Blank	0.36	ug/m3	
	4-Ethyl Toluene	Blank	<0.13	ug/m3	



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/3/2009

Lims Bat #: LIMIT-23486

Page 2 of 9

QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129995	Methyl tert-Butyl Ether (MTBE)	Blank	<0.09	ug/m3	
	t-1,2-Dichloroethylene	Blank	<0.10	ug/m3	
	Vinyl Chloride	Blank	<0.07	ug/m3	
	Methylene Chloride	Blank	<0.18	ug/m3	
	Chlorobenzene	Blank	<0.12	ug/m3	
	Chloromethane	Blank	<0.05	ug/m3	
	Bromomethane	Blank	<0.10	ug/m3	
	Chloroethane	Blank	<0.07	ug/m3	
	cis-1,3-Dichloropropene	Blank	<0.11	ug/m3	
	trans-1,3-Dichloropropene	Blank	<0.11	ug/m3	
	Chlorodibromomethane	Blank	<0.22	ug/m3	
	1,1,2-Trichloroethane	Blank	<0.14	ug/m3	
	Bromoform	Blank	<0.26	ug/m3	
	1,1,2,2-Tetrachloroethane	Blank	<0.17	ug/m3	
	Hexachlorobutadiene	Blank	<0.27	ug/m3	
	Isopropylbenzene	Blank	<0.32	ug/m3	
	p-Isopropyltoluene	Blank	<0.32	ug/m3	
	sec-Butylbenzene	Blank	<0.32	ug/m3	
	1,2,4-Trichlorobenzene	Blank	0.26	ug/m3	
	1,2,4-Trimethylbenzene	Blank	<0.13	ug/m3	
	1,3,5-Trimethylbenzene	Blank	<0.13	ug/m3	
	Cyclohexane	Blank	<0.09	ug/m3	
	cis-1,2-Dichloroethylene	Blank	<0.10	ug/m3	
	1,2-Dichloropropane	Blank	<0.12	ug/m3	
	1,3-Dichloropropane	Blank	<0.31	ug/m3	
	1,1,1,2-Tetrachloroethane	Blank	<0.32	ug/m3	
	n-Butylbenzene	Blank	<0.32	ug/m3	
	Dichlorodifluoromethane	Blank	<0.13	ug/m3	
	Benzyl Chloride	Blank	<0.13	ug/m3	
	Acrylonitrile	Blank	<0.32	ug/m3	
	Carbon Disulfide	Blank	<0.08	ug/m3	
	Vinyl Acetate	Blank	<0.09	ug/m3	
	2-Hexanone	Blank	<0.10	ug/m3	
	Bromodichloromethane	Blank	<0.17	ug/m3	
	1,2-Dibromoethane	Blank	<0.19	ug/m3	
	n-Heptane	Blank	<0.10	ug/m3	
	1,2-Dichlorotetrafluoroethane (114)	Blank	<0.18	ug/m3	
	Tetrahydrofuran	Blank	<0.08	ug/m3	
	Propene	Blank	<0.05	ug/m3	
	1,3-Butadiene	Blank	<0.06	ug/m3	
LFBLANK-92131	Acetone	Lab Fort Blank Amt.	11.87	ug/m3	
		Lab Fort Blk. Found	11.06	ug/m3	



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/3/2009

Lims Bat # : LIMI-23486

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QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92131	Acetone	Lab Fort Blk. % Rec.	93.11	%	50-150
		Lab Fort Blank Amt.	15.95	ug/m3	
	Benzene	Lab Fort Blk. Found	15.18	ug/m3	
		Lab Fort Blk. % Rec.	95.21	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	31.45	ug/m3	
		Lab Fort Blk. Found	23.65	ug/m3	
		Lab Fort Blk. % Rec.	75.22	%	70-130
		Lab Fort Blank Amt.	24.33	ug/m3	
	Chloroform	Lab Fort Blk. Found	24.34	ug/m3	
		Lab Fort Blk. % Rec.	100.04	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	20.24	ug/m3	
		Lab Fort Blk. Found	19.86	ug/m3	
		Lab Fort Blk. % Rec.	98.10	%	70-130
		Lab Fort Blank Amt.	30.06	ug/m3	
	1,4-Dichlorobenzene	Lab Fort Blk. Found	29.83	ug/m3	
		Lab Fort Blk. % Rec.	99.26	%	70-130
	Ethyl Acetate	Lab Fort Blank Amt.	18.01	ug/m3	
		Lab Fort Blk. Found	17.05	ug/m3	
		Lab Fort Blk. % Rec.	94.66	%	50-150
		Lab Fort Blank Amt.	21.67	ug/m3	
	Ethylbenzene	Lab Fort Blk. Found	22.99	ug/m3	
		Lab Fort Blk. % Rec.	106.06	%	70-130
	Hexane	Lab Fort Blank Amt.	17.62	ug/m3	
		Lab Fort Blk. Found	15.08	ug/m3	
		Lab Fort Blk. % Rec.	85.62	%	70-130
		Lab Fort Blank Amt.	12.28	ug/m3	
	Isopropanol	Lab Fort Blk. Found	16.27	ug/m3	
		Lab Fort Blk. % Rec.	132.47	%	50-150
	2-Butanone (MEK)	Lab Fort Blank Amt.	14.74	ug/m3	
		Lab Fort Blk. Found	13.85	ug/m3	
		Lab Fort Blk. % Rec.	93.93	%	70-130
		Lab Fort Blank Amt.	20.48	ug/m3	
	4-Methyl-2-Pentanone (MIBK)	Lab Fort Blk. Found	18.78	ug/m3	
		Lab Fort Blk. % Rec.	91.70	%	70-130
	Styrene	Lab Fort Blank Amt.	21.26	ug/m3	
		Lab Fort Blk. Found	24.90	ug/m3	
		Lab Fort Blk. % Rec.	117.08	%	70-130
		Lab Fort Blank Amt.	33.90	ug/m3	
	Tetrachloroethylene	Lab Fort Blk. Found	28.14	ug/m3	
		Lab Fort Blk. % Rec.	82.99	%	70-130
	Toluene	Lab Fort Blank Amt.	18.81	ug/m3	
		Lab Fort Blk. Found	19.57	ug/m3	
		Lab Fort Blk. % Rec.	104.02	%	70-130



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/3/2009

Lims Bat # : LIMIT-23486

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QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92131					
1,1,1-Trichloroethane		Lab Fort Blank Amt.	27.28	ug/m3	
		Lab Fort Blk. Found	22.82	ug/m3	
		Lab Fort Blk. % Rec.	83.66	%	70-130
Trichloroethylene		Lab Fort Blank Amt.	26.87	ug/m3	
		Lab Fort Blk. Found	25.62	ug/m3	
		Lab Fort Blk. % Rec.	95.38	%	70-130
1,1,2-Trichloro-1,2,2-Trifluoroethane		Lab Fort Blank Amt.	38.31	ug/m3	
		Lab Fort Blk. Found	39.64	ug/m3	
		Lab Fort Blk. % Rec.	103.46	%	70-130
Trichlorofluoromethane		Lab Fort Blank Amt.	28.09	ug/m3	
		Lab Fort Blk. Found	26.02	ug/m3	
		Lab Fort Blk. % Rec.	92.61	%	70-130
o-Xylene		Lab Fort Blank Amt.	21.71	ug/m3	
		Lab Fort Blk. Found	23.32	ug/m3	
		Lab Fort Blk. % Rec.	107.38	%	70-130
m/p-Xylene		Lab Fort Blank Amt.	43.43	ug/m3	
		Lab Fort Blk. Found	49.72	ug/m3	
		Lab Fort Blk. % Rec.	114.47	%	70-130
1,2-Dichlorobenzene		Lab Fort Blank Amt.	30.06	ug/m3	
		Lab Fort Blk. Found	30.11	ug/m3	
		Lab Fort Blk. % Rec.	100.18	%	70-130
1,3-Dichlorobenzene		Lab Fort Blank Amt.	30.06	ug/m3	
		Lab Fort Blk. Found	29.61	ug/m3	
		Lab Fort Blk. % Rec.	98.50	%	70-130
1,1-Dichloroethane		Lab Fort Blank Amt.	20.24	ug/m3	
		Lab Fort Blk. Found	21.14	ug/m3	
		Lab Fort Blk. % Rec.	104.44	%	70-130
1,1-Dichloroethylene		Lab Fort Blank Amt.	19.83	ug/m3	
		Lab Fort Blk. Found	20.67	ug/m3	
		Lab Fort Blk. % Rec.	104.24	%	70-130
Ethanol		Lab Fort Blank Amt.	9.42	ug/m3	
		Lab Fort Blk. Found	11.94	ug/m3	
		Lab Fort Blk. % Rec.	126.82	%	50-150
4-Ethyl Toluene		Lab Fort Blank Amt.	24.58	ug/m3	
		Lab Fort Blk. Found	28.72	ug/m3	
		Lab Fort Blk. % Rec.	116.84	%	50-150
Methyl tert-Butyl Ether (MTBE)		Lab Fort Blank Amt.	18.02	ug/m3	
		Lab Fort Blk. Found	20.41	ug/m3	
		Lab Fort Blk. % Rec.	113.24	%	70-130
t-1,2-Dichloroethylene		Lab Fort Blank Amt.	19.82	ug/m3	
		Lab Fort Blk. Found	20.35	ug/m3	
		Lab Fort Blk. % Rec.	102.68	%	70-130
Vinyl Chloride		Lab Fort Blank Amt.	12.78	ug/m3	





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QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92131	Vinyl Chloride	Lab Fort Blk. Found	21.50	ug/m3	
		Lab Fort Blk. % Rec.	168.28	%	70-130
	Methylene Chloride	Lab Fort Blank Amt.	17.36	ug/m3	
		Lab Fort Blk. Found	15.92	ug/m3	
		Lab Fort Blk. % Rec.	91.72	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	23.02	ug/m3	
		Lab Fort Blk. Found	23.25	ug/m3	
		Lab Fort Blk. % Rec.	100.98	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.32	ug/m3	
		Lab Fort Blk. Found	16.56	ug/m3	
		Lab Fort Blk. % Rec.	160.42	%	70-130
	Bromomethane	Lab Fort Blank Amt.	19.40	ug/m3	
		Lab Fort Blk. Found	26.12	ug/m3	
		Lab Fort Blk. % Rec.	134.60	%	70-130
	Chloroethane	Lab Fort Blank Amt.	13.19	ug/m3	
		Lab Fort Blk. Found	20.23	ug/m3	
		Lab Fort Blk. % Rec.	153.41	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	22.69	ug/m3	
		Lab Fort Blk. Found	22.47	ug/m3	
		Lab Fort Blk. % Rec.	98.99	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	22.69	ug/m3	
		Lab Fort Blk. Found	22.71	ug/m3	
		Lab Fort Blk. % Rec.	100.06	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	42.59	ug/m3	
		Lab Fort Blk. Found	36.01	ug/m3	
		Lab Fort Blk. % Rec.	84.55	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	27.28	ug/m3	
		Lab Fort Blk. Found	26.26	ug/m3	
		Lab Fort Blk. % Rec.	96.27	%	70-130
	Bromoform	Lab Fort Blank Amt.	51.69	ug/m3	
		Lab Fort Blk. Found	41.75	ug/m3	
		Lab Fort Blk. % Rec.	80.76	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	34.33	ug/m3	
		Lab Fort Blk. Found	35.74	ug/m3	
		Lab Fort Blk. % Rec.	104.10	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	53.33	ug/m3	
		Lab Fort Blk. Found	31.77	ug/m3	
		Lab Fort Blk. % Rec.	59.57	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	12.50	ug/m3	
		Lab Fort Blk. Found	16.02	ug/m3	
		Lab Fort Blk. % Rec.	128.19	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	12.49	ug/m3	
		Lab Fort Blk. Found	17.11	ug/m3	



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QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92131					
	p-Isopropyltoluene	Lab Fort Blk. % Rec.	136.97	%	50-150
	sec-Butylbenzene	Lab Fort Blank Amt.	12.49	ug/m3	
		Lab Fort Blk. Found	16.52	ug/m3	
		Lab Fort Blk. % Rec.	132.23	%	50-150
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	37.10	ug/m3	
		Lab Fort Blk. Found	29.75	ug/m3	
		Lab Fort Blk. % Rec.	80.19	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	24.58	ug/m3	
		Lab Fort Blk. Found	27.69	ug/m3	
		Lab Fort Blk. % Rec.	112.66	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	24.58	ug/m3	
		Lab Fort Blk. Found	27.33	ug/m3	
		Lab Fort Blk. % Rec.	111.22	%	70-130
	Cyclohexane	Lab Fort Blank Amt.	17.21	ug/m3	
		Lab Fort Blk. Found	17.69	ug/m3	
		Lab Fort Blk. % Rec.	102.84	%	50-150
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	19.82	ug/m3	
		Lab Fort Blk. Found	21.11	ug/m3	
		Lab Fort Blk. % Rec.	106.48	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	23.10	ug/m3	
		Lab Fort Blk. Found	20.97	ug/m3	
		Lab Fort Blk. % Rec.	90.78	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	12.50	ug/m3	
		Lab Fort Blk. Found	15.26	ug/m3	
		Lab Fort Blk. % Rec.	122.14	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	12.50	ug/m3	
		Lab Fort Blk. Found	13.07	ug/m3	
		Lab Fort Blk. % Rec.	104.55	%	50-150
	n-Butylbenzene	Lab Fort Blank Amt.	12.49	ug/m3	
		Lab Fort Blk. Found	15.57	ug/m3	
		Lab Fort Blk. % Rec.	124.59	%	50-150
	Dichlorodifluoromethane	Lab Fort Blank Amt.	24.72	ug/m3	
		Lab Fort Blk. Found	24.13	ug/m3	
		Lab Fort Blk. % Rec.	97.59	%	70-130
	Benzyl Chloride	Lab Fort Blank Amt.	25.88	ug/m3	
		Lab Fort Blk. Found	33.27	ug/m3	
		Lab Fort Blk. % Rec.	128.54	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	12.50	ug/m3	
		Lab Fort Blk. Found	12.63	ug/m3	
		Lab Fort Blk. % Rec.	101.07	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	15.57	ug/m3	
		Lab Fort Blk. Found	15.71	ug/m3	
		Lab Fort Blk. % Rec.	100.90	%	70-130



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QC Batch Number: BATCH-16110

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92131	Vinyl Acetate	Lab Fort Blank Amt.	17.60	ug/m3	
		Lab Fort Blk. Found	14.96	ug/m3	
		Lab Fort Blk. % Rec.	85.00	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	20.48	ug/m3	
		Lab Fort Blk. Found	23.65	ug/m3	
		Lab Fort Blk. % Rec.	115.50	%	50-150
	Bromodichloromethane	Lab Fort Blank Amt.	33.50	ug/m3	
		Lab Fort Blk. Found	31.55	ug/m3	
		Lab Fort Blk. % Rec.	94.20	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	38.42	ug/m3	
		Lab Fort Blk. Found	36.96	ug/m3	
		Lab Fort Blk. % Rec.	96.20	%	70-130
	n-Heptane	Lab Fort Blank Amt.	20.49	ug/m3	
		Lab Fort Blk. Found	20.92	ug/m3	
		Lab Fort Blk. % Rec.	102.12	%	50-150
	1,2-Dichlorotetrafluoroethane (114)	Lab Fort Blank Amt.	34.95	ug/m3	
		Lab Fort Blk. Found	46.76	ug/m3	
		Lab Fort Blk. % Rec.	133.78	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	14.74	ug/m3	
		Lab Fort Blk. Found	14.89	ug/m3	
		Lab Fort Blk. % Rec.	101.04	%	50-150
	Propene	Lab Fort Blank Amt.	8.60	ug/m3	
		Lab Fort Blk. Found	7.18	ug/m3	
		Lab Fort Blk. % Rec.	83.52	%	50-150
	1,3-Butadiene	Lab Fort Blank Amt.	11.06	ug/m3	
		Lab Fort Blk. Found	17.53	ug/m3	
		Lab Fort Blk. % Rec.	158.54	%	70-130



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#### QC SUMMARY REPORT

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Report Date: 3/3/2009

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#### NOTES:

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : 1,2-Dichlorotetrafluoroethane (114)

LABORATORY FORTIFIED BLANK RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED VALUE FOR THIS COMPOUND IS LIKELY TO BE BIASED ON THE HIGH SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : 1,3-Butadiene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : Bromomethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : Chloroethane

LABORATORY FORTIFIED BLANK RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED VALUE FOR THIS COMPOUND IS LIKELY TO BE BIASED ON THE HIGH SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : Chloromethane

LABORATORY FORTIFIED BLANK RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED VALUE FOR THIS COMPOUND IS LIKELY TO BE BIASED ON THE HIGH SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : Hexachlorobutadiene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : BATCH-16110  
Sample ID : LFBLANK-92131  
Analysis : Vinyl Chloride

LABORATORY FORTIFIED BLANK RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED VALUE FOR THIS COMPOUND IS LIKELY TO BE BIASED ON THE HIGH SIDE.



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### QC SUMMARY REPORT

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### QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries



## REASONABLE CONFIDENCE PROTOCOL

### LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: HRP Associates

Project Location: FORMER FAFNIR—  
NEW BRITAIN

Project Number: LMT-23486

Laboratory Sample ID(s): 09B05466-09B05473

Sampling Date(s): 2/21/09

List RCP Methods Used (e.g., 8260, 8270, et cetera) TD-15

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	<u>VPH and EPH Methods only:</u> Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature ( $\leq 6^{\circ}\text{C}$ )?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set? AIR	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Edward Denson Position: Technical Director

Printed Name: Edward Denson

Date: 3/3/09

Name of Laboratory: CON-TEST ANALYTICAL LABORATORY

This certification form is to be used for RCP methods only.



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## RESULTS FOR TO-15

Lab ID Number: 09B05466  
Client ID Number: SVB-1

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### Analyte:

	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

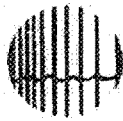
Surrogate Recovery (BFB)                      108 %

ND = Not Detected

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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## RESULTS FOR TO-15

Lab ID Number: 09B05467  
Client ID Number: SVB-2

LIMT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

<u>Analyte:</u>	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

Surrogate Recovery (BFB) 93 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.





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## RESULTS FOR TO-15

Lab ID Number: 09B05468  
Client ID Number: SVB-3

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

<u>Analyte:</u>	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

Surrogate Recovery (BFB)                      99 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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## RESULTS FOR TO-15

Lab ID Number: 09B05469  
Client ID Number: SVB-4

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### Analyte:

	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

Surrogate Recovery (BFB) 91 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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## RESULTS FOR TO-15

Lab ID Number: 09B05470  
Client ID Number: SVB-5

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### Analyte:

	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

Surrogate Recovery (BFB) 97 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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413.525.6405 (fax)

## **RESULTS FOR TO-15**

Lab ID Number: 09B05471  
Client ID Number: SVB-6

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### **Analyte:**

	<b>Sample Results PPBv</b>	<b>Sample Results ug/m3</b>	<b>Reporting Limit PPBv</b>	<b>Reporting Limit ug/m3</b>
Propylbenzene	ND	ND	0.25	1.2
Tert-butylbenzene	ND	ND	0.23	1.3
Naphthalene	ND	ND	0.24	1.2

Surrogate Recovery (BFB)                      88 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



**con-test**<sup>®</sup>  
ANALYTICAL LABORATORY

39 Spruce Street, 2nd Floor  
East Longmeadow, MA 01028  
413.525.2332  
413.525.6405 (fax)

## RESULTS FOR TO-15

Lab ID Number: 09B05472  
Client ID Number: SVB-7

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### Analyte:

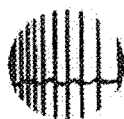
	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.51	2.5
Tert-butylbenzene	ND	ND	0.46	2.5
Naphthalene	ND	ND	0.48	2.5

Surrogate Recovery (BFB) 105 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

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## RESULTS FOR TO-15

Lab ID Number: 09B05473  
Client ID Number: SVB-8

LIMIT Number: 23486  
Date Analyzed: 2/25/09  
Analyst: TPH

### Analyte:

	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.64	3.1
Tert-butylbenzene	ND	ND	0.57	3.1
Naphthalene	ND	ND	0.60	3.1

Surrogate Recovery (BFB)                      90 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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413.525.6405 (fax)

## RESULTS FOR TO-15

Lab ID Number: BLANK  
Client ID Number: -

LIMIT Number: 23486  
Date Analyzed: 2/24/09  
Analyst: TPH

<u>Analyte:</u>	Sample Results PPBv	Sample Results ug/m3	Reporting Limit PPBv	Reporting Limit ug/m3
Propylbenzene	ND	ND	0.064	0.31
Tert-butylbenzene	ND	ND	0.057	0.31
Naphthalene	ND	ND	0.060	0.31

Surrogate Recovery (BFB) 106 %

ND = Not Detected  
PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.



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## RESULTS FOR TO-15

Lab ID Number: LCS  
Client ID Number: -

LIMIT Number: 23486  
Date Analyzed: 2/24/09  
Analyst: TPH

<u>Analyte:</u>	True Value PPBv	True Value UG/M3	Sample Results PPBv	Sample Results UG/M3	% Recovery
Propylbenzene	2.5	13	3.3	16	131
Tert-butylbenzene	2.3	12	2.9	16	127
Naphthalene	2.4	13	2.8	15	117

Surrogate Recovery (BFB)      106 %

PPBv = Parts Per Billion By Volume

Method: TO-15 (Modified)

Sampled into a Summa Canister. Analyzed by GC/MS.





Phone: 413-525-2332  
Fax: 413-525-6405  
Email: info@contestlabs.com  
www.contestlabs.com

# AIR SAMPLE CHAIN OF CUSTODY RECORD

Company Name: HRP Associates  
Address: 147 Scott Swamp Rd  
Farmington CT  
Attention: Scott Rohn  
Project Location: Former Fairbir New Britain  
Sampled By: BR

Telephone: (860) 674-9570

Project # NEW 4414.2A T-18

Client PO # \_\_\_\_\_

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: Mary Jane. Rohn@hrpassociates.com

Format: ☐ EXCEL ☐ PDF ☐ GIS KEY ☐ OTHER \_\_\_\_\_

Proposal Provided? (For Billing purposes)

☐ yes

proposal date

Field ID	Sample Description	Media	Lab #	Date	Time	Start	Stop	Date	Time	Total	Flow Rate	Volume	Matrix	Code*
										Minutes	M <sup>3</sup> /Min. or L / Min.	Liters or M <sup>3</sup>		
SUB-1	Gravel	S	09B05466	5:58	2/21/09	5:58	6:13	5:58	6:13	15 min	2000 L/min	3 L	SG	
SUB-2			67	6:21	2/21/09	6:21	6:34	6:21	6:34					
SUB-3			68	6:37	2/21/09	6:37	6:41	6:37	6:41					
SUB-4			69	5:48	2/21/09	5:48	6:03	5:48	6:03					
SUB-5			70	5:52	2/21/09	5:52	6:07	5:52	6:07					
SUB-6			71	7:24	2/21/09	7:24	7:54	7:24	7:54					
SUB-7			72	5:53	2/21/09	5:53	6:12	5:53	6:12					

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time: 2/23/09	Turnaround **	Special Requirements	Matrix Code:	Media Codes:
Received by: (signature)	Date/Time: 2/23/09	<input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input type="checkbox"/> Other	Regulations: Data Enhancement/RCP? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Enhanced Data Package <input checked="" type="checkbox"/> Y <input type="checkbox"/> N (Surcharge Applies) Required Detection Limits: Other:	SG= SOIL GAS IA= INDOOR AIR AMB= AMBIENT SS= SUB SLAB D= DUP BL= BLANK O= other	S= summa can TB= tediabag P= PUF T= tube F= filter C= cassette O= Other
Relinquished by: (signature)	Date/Time: 2/23/09	<input checked="" type="checkbox"/> RUSH			
Received by: (signature)	Date/Time: 2/23/09	<input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day Approval Required			

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

RECORD  
AIR SAMPLE CHAIN OF CUSTODY

Phone: 413-525-2332  
Fax: 413-525-6405  
Email: [info@contestlabs.com](mailto:info@contestlabs.com)  
[www.contestlabs.com](http://www.contestlabs.com)

**www.contestlabs.com**

Company Name:

Address:

Attention:

**Project Location:**

Sampled By:

Proposal Provided? (For Billing purposes)

☐ yes

proposal date

[illegible]

Laboratory Comments:

**CLIENT COMMENTS:**

Relinquished by: (signature)		Date/Time:	Turnaround **	Special Requirements	*Matrix Code:	**Media Codes:
[Signature]		2/23/09	<input type="checkbox"/> 7-Day	Regulations: _____	SG= SOIL GAS	S=summary can
[Signature]		2/23/09	<input type="checkbox"/> 10-Day	Data Enhancement/RCP? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	IA= INDOOR AIR	TB=tiedlar bag
[Signature]		2/23/09	<input checked="" type="checkbox"/> Other	Enhanced Data Package <input type="checkbox"/> Y <input type="checkbox"/> N	AMB=AMBIENT	P=PUF
[Signature]		2/23/09	<u>RUSH *</u>	(Surcharge Applies)	SS = SUB SLAB	T=tube
[Signature]		2/23/09	<input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr	Required Detection Limits: _____	D = DUP	F= filter
[Signature]		2/23/09	<input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day	Other: _____	BL = BLANK	C=cassette
[Signature]		2/23/09	*Approval Required			

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

## AIR ONLY RECEIPT CHECKLIST

IDENT NAME:

RECEIVED BY:

DATE:

Was chain of custody relinquished and signed?  
Does Chain agree with samples?

YES

NO

YES

NO

If not, explain:

All Samples in good condition?

YES

NO

If not, explain:

Are there any on hold samples? YES

NO

STORED WHERE:

ARE THERE ANY RUSH OR SHORT HOLDING TIME SAMPLES? WHO WAS NOTIFIED? \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_

ation where samples are stored:

ACK

Permission to sub-contract samples? Yes No (circle)  
(Walk in clients only) if not already approved.  
Client Signature \_\_\_\_\_

CONTAINERS SENT TO CON-TEST	# of containers
Summa cans	4
Tedlar Bags	
Regulators	
Restrictors	8
Tubes	
Other	

Other ☐

Was all media (used & unused) checked into the WASP asset management program? ☒

Were all returned summa cans, restrictors, & regulators documented as returned in the AIR Lab Outbound excel sheet?

Were the Lab ID's documented in the Air Lab Outbound excel sheet?

Was the job documented in the Air Lab Log-In Access Database?

Laboratory comments: