O'BRIEN & GERE

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November 16, 2007

Mr. Jeff Dyber, P.E.
Environmental Engineer 2
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action
625 Broadway
Albany, New York 12233

Re: National Heatset Printing
Operation & Maintenance Report-
August-October 2007
1 Adams Boulevard
Farmingdale, New York
NYSDEC Site 1-52-140

File: 10653/35518 #5

Dear Mr. Dyber:

This letter provides an overview of the ongoing operation of the soil vapor extraction (SVE) system at the National Heatset Printing Site in Farmingdale, New York (Figure 1). Site visits were performed by YEC, Inc. (YEC) personnel August 28, 2007, September 19, 2007 and October 31, 2007 on behalf of O'Brien & Gere Engineers, Inc (OBG) in accordance with our approved Work Plan.

System Operation

Based on the run time meter, the system was operational for a total of 2,376 hours (approximately 100% of the total available) during this reporting period (August 28, 2007 to October 31, 2007). Operational data is summarized in Table 1 and on the site visit data collection form provided in Appendix A.

Observed flows ranged from 80 to 99.2 cfm and observed vacuum ranged from of 20 to 28 inches of water column at the extraction well. The SVE blower operated at flows ranging from 214.5 to 232 cubic feet per minute (cfm) as measured at the SVE influent. Field personnel recorded a tetrachloroethene (PCE) concentration of 2.0 ppm (by Draeger tube) at each site visit and a concentration of volatile organic compounds (VOCs) ranging from 9.9 to 16.3 ppm (by PID) from the extraction well (pre-dilution).

Observed VOC (by PID) concentrations ranged from 1.1 to 5.2 ppm at the SVE influent point, 0.0 to 3.5 ppm at the Vapor-phase Granular Activated Carbon (VGAC) mid sampling port, and were recorded at 0.0 ppm at the effluent sampling port for each site visit. A PCE concentration of 2.0 ppm (by Draeger Tube) was observed at the influent point during all visits, 0.0 at the effluent sampling port, and ranged from 0.0 to 2.0 at the Vapor-phase Granular Activated Carbon (VGAC) mid sampling port. Refer to Table 1.

Monitoring Probes

A vacuum of 1.5, 0.25, 0.31, 0.4, 0.3, 0.22, 0.19, 0.09, 0.0, 0.0 and 0.0 inches of water column were observed during the final site visit of this monitoring period at vapor monitoring points VP-1, VP-2, VP-3, VP-7, VP-8, VP-9, VP-11, VP-12, VP-13, VP-14 and VP-15 respectively. The vapor points will continue to be monitored during future site visits.

PCE Removal

PCE removal was calculated for this reporting period using SVE influent PCE concentrations and flow rate measured at the SVE influent sampling point. The SVE system removed approximately 14 pound of PCE from the extraction well during this reporting period and has removed approximately 2,597 pounds of PCE to date. A summary of the estimated PCE mass removal over time is presented in Table 2.

Air Discharge Monitoring

YEC personnel collected an air sample from the system effluent during each of the three site visits this period. These samples were submitted to Mitkem Corporation for analysis. Each sample was analyzed for volatile organic compounds (VOCs) using USEPA method TO-14. Concentrations of PCE, TCE and Cis-1, 2-DCE were not detected above the method detection limit of 1.0 mg/m^3 in the September 18 and October 31 samples. An estimated concentration of 0.35 mg/m^3 PCE and 0.29 mg/m^3 DCE were detected in the August 28 sample; no TCE was detected in this sample above the method detection limit of 1.0 mg/m^3. Analytical results are summarized in Table 3 and the laboratory data reports are presented in Appendix B. A summary of the field monitoring and laboratory air discharge monitoring results are presented as Table 4.

A total of 0.27 lb of PCE has been discharged during the year 2007 toward the permitted annual discharge limit of 270 lb. A total of 0.12 lb of cis-1, 2-DCE has been discharged during the year 2007 toward the permitted annual discharge limit of 5,510 lbs. A total of 0.00 lb of TCE has been discharged during the year 2007 toward the permitted annual discharge limit of 120 lb.

Conclusions and Recommendations

Based on the data collected from the SVE system during this reporting period, OBG recommends continued operation of the SVE system. The dilution valve remained at approximately the 50% open position. The extraction well (MW-F) valve remained at the 100% open position.

Please do not hesitate to contact me at 315-437-6100 with any questions you might have regarding this report.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Marc J. Dent P.E.
Managing Engineer

cc. Trevor Staniec – O'Brien & Gere
Dan Simpson - YEC

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Attachments

TABLES

TABLE 1
SUMMARY OF SOIL VAPOR EXTRACTION SYSTEM READINGS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

											Influent SVE					Mid GAC				Effluent GAC			
Date	Run Time Meter Reading (hours)	Run Time Since Last Visit (hours) Available	Actual	Operation Time Since Last Visit (%)	Dilution Valve Position (% Open)	Extraction Well MW-F Valve Position (% Open)	Air Flow at Well (scfm)	Vacuum at Well (inches H2O)	Pre-Dilution PID (ppm)	Pre-Dilution PCE (ppm)	Blower Flow (cfm)	Vacuum (inches H2O)	Temp. (°F)	PID (ppm)	PCE (ppm)	Flow (cfm)	Temp. (°F)	PID (ppm)	PCE (ppm)	Flow (cfm)	Temp. (°F)	PID (ppm)	PCE (ppm)
9/18/2002	--	--	--	SVE PILOT TEST STARTUP																			
9/30/2002	304	294	294	100%	100	50	34.5	5	2,000	500	256	25	107.2	1,015	--	317	102.3	0	--	290	89.5	0	--
10/14/2002	642	343	338	99%	100	50	38	7	1,011	400	258	27	--	75.3	50	--	--	0	--	--	--	0	--
11/19/2002	1508	882	866	98%	100	50	49	12	0	0	120	28	106	0	0	209	92	0	--	290	80.3	0	--
12/4/2002	--	368	--	--	--	--	--	--	77	200	--	--	--	14.3	10	--	--	15.5	10	--	--	0	0
12/16/2002	2153	294	645	98%	100	50	36.5	10	560	200	253	28	92	46.4	50	302	60	3.4	--	340	53.9	0	--
1/21/2003	3016	882	863	98%	100	50	--	--	--	--	70	52	98	0	0	220	--	0	--	220	--	0	--
2/10/2003	3496	490	480	98%	100	50	38	--	639	400	262	27	102	72	50	266	90	26	10	258	83	3.2	10
3/18/2003	4360	882	864	98%	100	50	92	12	125	100	266	25	123	15	10	278	124	0	0	282	117	0	0
4/29/2003	5359	1029	999	97%	75	50	75	50	152	50	132	16	118.5	48.2	25	302	96	18.6	10	287	86	0.6	0
5/13/2003	5700	343	341	99%	75	50	78	--	127	50	239	48	130	41.8	50	246	108	46	25	245	97	0.6	0
6/30/2003	6850	1176	1150	98%	50	50	115	32	82.4	50	140	66	173	36.8	50	198	157	25.1	25	240	150	29.8	100
7/10/2003	6851	245	1	0%	50	50	99.5	25	406	400	151	68	156	221	215	260	76	0	0	222	81.9	0	0
7/22/2003	7144	294	294	100	50	50	--	--	127	--	--	--	168	65	--	--	107	0	--	--	106	0	--
8/26/2003	7957	858	813	95	50	50	79	13.5	137	10	186	65	170	51.4	5	291	--	55.4	10	232	--	35.6	10
9/23/2003	8274	686	317	46	50	50	218	33	141	15	194	64	160	55	30	254	124	0	0	210	110	0	0
10/21/2003	8945	686	671	98	50	50	166	45	--	20	158	68	166	37.5	25	214	130	30.7	15	225	112	0	0
11/24/2003	9749	833	805	97	50	50	130	46	141	125	178	72	138	261	200	225	52	0	0	205	51.4	0	0
1/6/2004	9750	1054	1	0	50	50	98.5	74	118	100	164	12	140	247	250	224	48.6	0	0	200	48.4	0	0
2/9/2004	10336	833	586	70	50	50	121	44	23.1	10	172	70	155.8	29.8	25	233	137	41.4	25	235	117	0	0
3/30/2004	11289	1225	953	78	50	50	103	>50	34	<10	198	70	160	22	<10	240	128	22	<10	160	115	24	<5
4/8/2004	11441	221	152	69	50	75	127	--	23.7	<10	--	--	--	--	--	180	83	30	--	206	83	0.9	--
4/29/2004	11768	515	327	64	50	75	131	>60	2.4	0	--	76	170	2.2	0	209	128	0	0	255	116	0	0
5/24/2004	12264	613	496	81	50	75	144	75	43.8	50	172	75	178	33.1	<50	250	121	4.4	0	198	111	0	0
6/22/2004	12817	711	553	78	50	75	127	74	57	10	140	76	180	52	30	181	123	25.8	15	210	113	0	0
7/28/2004	13630	882	813	92	50	75	142	76.5	53.2	7	161	76.5	159	41.1	25	216	137	35.3	20	181	109	3.1	0
8/31/2004	13989	833	359	43	25	90	157	58	48	0	104	74	137	202	200	180	98	2.2	0	187	91	0.1	0
9/29/2004	14256	711	267	38	50	75	139	60	--	--	140	76	153	27.7	--	194	126	0	--	205	102.1	0	--
10/20/2004	14729	515	473	92	50	75	155	58	--	--	120	76	160	19.1	10	202	122	0	0	230	101	0	0
11/17/2004	15229	686	499	73	75	50	160	80	17.9	<5	148	77	160	13.5	<10	152	112	7.2	<5	173	94	0	0
12/22/2004	15565	858	337	39	75	50	143	80	15.8	<5	125	85	160	18.3	10	127	116	16	5	131	93.4	0	0
1/20/2005	15933	711	368	52	25	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2005	15933	833	0	0	75	50	87.5	36	174	50	188	58	110	93	50	265	56	0	0	245	38.5	0	0
3/29/2005	16217	833	284	34	75	50	87 [1]	40	--	--	158 [1]	--	121	6.4	4.5	255 [1]	97	3.4	3	234 [1]	81	0	<2
4/28/2005	--	720	720 [2]	100	75	50	86	39	--	--	227	--	126	8.9	5	244	109	8	4	222	84.2	0	<2
5/31/2005	--	792	792 [2]	100	50	50	98	39	7.4	9.5	208	--	124.2	10.4	10	227	118.6	17.6	10	223	112.3	0	<2
6/24/2005		576	576 [2]	100	50	50	125	25	28.5	16	266	--	152	8.3	7	283	133	13.9	16	242	116	10.1	15
8/4/2005	17972	984	984 [2]	100	75	65	216	26	38.1	19	353	--	153.4	8.8	12	423	135.7	10.5	12	381	120.7	7.5	12
Spent Carbon Replaced 8/10/05																							
9/13/2005	859	960	960 [2]	100	75	50	89.5	25	59.6	14	226	--	164.5	18.3	12	265	143	0.5	0	248	124.6	0	0
10/10/2005	1502	643	643	100	75	35	86	27	59.2	19	222	--	101.3	21.7	10	225	110	15.1	0	211	99.3	0	0
11/11/2005	2271	769	769	100	50	50	79	31	--	5	209	--	110.9	12.2	9	242	99.4	2.6	2	239	83.1	0	0

Notes:

[1] Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

[2] Run time meter reading not indictitive of SVE system run time; actual hours run is assumed 100% of available.

PID = Total VOC concentration measured with photoionization detector

ppm = parts per million (volume/volume basis)

PCE = Tetrachloroethene (PCE) concentration measured with Drager tube of 10-500 ppm range

scfm = standard cubic feet per minute

cfm = cubic feet per minute

-- = measurement not recorded or not applicable.

Influent SVE = Readings collected between the SVE Blower and the Carbon Units

Mid GAC = Readings collected between the lead and lag carbon units

Effluent GAC = Readings collected after the lag carbon unit

GAC = granular activated carbon unit

As of 4/28/05, the calculation of "Available" run time hours is based on 24 hours, rather than 24.5 hours as prevously calculated

TABLE 1
SUMMARY OF SOIL VAPOR EXTRACTION SYSTEM READINGS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	Run Time Meter Reading (hours)	Run Time Since Last Visit (hours)		Operation Time Since Last Visit (%)	Dilution Valve Position (% Open)	Extraction Well MW-F Valve Position (% Open)	Air Flow at Well (scfm)	Vacuum at Well (inches H2O)	Pre-Dilution PID (ppm)	Pre-Dilution PCE (ppm)	Influent SVE					Mid GAC				Effluent GAC			
											Blower Flow (cfm)	Vacuum (inches H2O)	Temp. (°F)	PID (ppm)	PCE (ppm)	Flow (cfm)	Temp. (°F)	PID (ppm)	PCE (ppm)	Flow (cfm)	Temp. (°F)	PID (ppm)	PCE (ppm)
		Available	Actual																				
12/8/2005	2918	647	647	100%	50	50	79	29	22.2	5.0	235	--	113.5	7.2	2.0	227	96.7	6.8	2	212	79.8	0.1	0.0
1/6/2006	3614	696	696	100%	50	75	120	42	2.7	2.0	245	--	82	32.5	4.0	280	83.9	19.0	2.0	265	77.5	5.8	0.0
Spent Carbon Replaced 1/25/06																							
2/6/2006	4332	744	718	100%	75	75	80	25	16.3	3.0	292	--	78	3.6	2.0	333	90.9	0.0	0.0	322	77	0.0	0.0
3/14/2006	5200	868	868	100%	75	75	188	49	12.9	2.0	212	--	132.8	5.5	5.0	287	135.6	0.0	0.0	232	115.1	0.0	0.0
4/12/2006	5895	695	695	100%	75	75	115	47	14.1	2.0	259	--	152.1	6.1	6.0	249	153.2	0.0	0.0	271	135.1	0.0	0.0
5/4/2006	6420	525	525	100%	50	75	189	51	17.9	2.0	199	--	145.2	7.8	5.0	186	136.1	0.1	0.0	214	117.8	0.0	0.0
6/12/2006	7354	934	934	100%	50	100	156	53	5.5	4.0	216	--	141	7.9	9.0	270	134	4.1	3.0	253	116	0.0	0.0
7/12/2006	8074	720	720	100%	50	100	163	54	8.1	2.0	191	--	146	8.3	8.0	210	145	8.8	10.0	196	134	0.0	0.0
8/7/2006	8696	622	622	100%	50	100	136	54	11.3	4.0	201	--	148.7	8.7	7.5	239	135.6	2.0	0.0	210	118.3	0.0	0.0
9/21/2006	9781	1085	1085	100%	50	100	124.5	53	8.9	4.0	227	--	127	7.7	9.0	143	106.9	9.7	7.0	203	99.2	2.1	0.0
Spent Carbon Replaced 10/11/06																							
10/18/2006	10417	636	636	100%	50	100	130	54	1.0	4.0	231	--	154.8	6.0	8.0	154	130.3	0.0	0.0	236	131.1	0.0	0.0
11/29/2006	11425	1008	1008	100%	50	100	130	52	0.6	1.0	193.5	--	138.8	1.6	4.0	226	137.8	0.0	0.0	202	118.0	0.0	0.0
12/21/2006	11953	528	528	100%	50	100	132	54	0.1	1.0	178	--	107.8	4.6	3.0	254	107.4	0.0	0.0	210	93.3	0.0	0.0
1/26/2007	12820	867	867	100%	25	100	156	80	0.0	0.0	142.5	--	135.0	0.4	4.0	123	124.0	0.0	0.0	142	102.3	0.0	0.0
3/19/2007	13296	1248	476	38%	25	100	162.5	80	0.2	2.0	135	--	140.7	7.3	5.0	215	110.1	2.4	0.0	172	120.0	0.0	0.0
4/27/2007	13964	936	668	71%	25	100	218.0	88	0.0	15.0	126	--	180.2	51.7	20.0	149	69.1	0.0	0.0	125	66.8	0.0	0.0
5/24/2007	13968	648	4	1%	25	75	135	84	15.2	1.8	100	--	127	108.0	35.0	181	123	0.7	0.0	170	106	0.0	0.0
6/21/2007	13984	672	16	2%	25	100	232	40	1.8	35.0	130.5	--	107	61.1	38.0	228	107	1.7	0.0	199	89	0.1	0.0
7/24/2007	14775	792	792	100%	50	100	75	29	13.2	2.0	205	--	132.6	3.5	3.0	202	140.5	1.9	0.0	194	138.4	0.0	0.0
8/28/2007	15615	840	840	100%	50	100	85.5	20	16.3	2.0	232	--	139.2	2.7	0.0	190	144.5	3.5	0.0	184	129.1	0.0	0.0
9/18/2007	16120	504	504	100%	50	100	99.2	28	11.7	2.0	214.5	--	138.5	5.2	0.0	184	16.8	1.4	2.0	164	129.8	0.0	0.0
10/31/2007	17151	1032	1032	100%	50	100	80	25	9.9	2.0	216	--	111.9	1.1	0.0	206	118.4	0.0	0.0	231	104.7	0.0	0.0

Notes:
(1) Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05
(2) Run time meter reading not indictitive of SVE system run time; actual hours run is assumed 100% of available.
PID = Total VOC concentration measured with photoionization detector
ppm = parts per million (volume/volume basis)
PCE = Tetrachloroethene (PCE) concentration measured with Drager tube of 10-500 ppm range
scfm = standard cubic feet per minute
cfm = cubic feet per minute

-- = measurement not recorded or not applicable.

Influent SVE = Readings collected between the SVE Blower and the Carbon Units
Mid GAC = Readings collected between the lead and lag carbon units
Effluent GAC = Readings collected after the lag carbon unit
GAC = granular activated carbon unit
As of 4/28/05, the calculation of "Available" run time hours is based on 24 hours, rather than 24.5 hours as prevously calculated.

TABLE 2
PCE
REMOVAL ESTIMATE
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	VOC Influent Concentration (ppmv)	PCE Influent Concentration (ppmv)	% PCE of Total VOCs	Extraction Well Flow Rate (cfm) [2]	Elapsed Time Since Last Visit (day)	PCE Removal Since Last Visit (lb)	Cumulative PCE Removal (lb)
9/18/2002	SVE PILOT TEST STARTUP						
9/30/2002	2000 [1]	500 [1]	25.0	34.5	12	126	126
10/14/2002	1,011	400	39.6	38	14	127	253
11/19/2002	0	0	--	49	36	113	367
12/16/2002	560	200	35.7	36.5	27	69	436
1/13/2003	485	400	82.5	28.5	28	154	589
1/21/2003	0	0	--	0	8	63	652
2/10/2003	639	400	62.6	38	20	64	715
3/5/2003	263	200	76.0	24.4	23	129	844
3/18/2003	125	100	80.0	92	13	76	920
4/29/2003	152	50	32.9	75	42	105	1,025
5/13/2003	127	50	39.4	78	14	65	1,090
6/30/2003	82.4	50	60.7	115	48	89	1,179
7/22/2003	406	400	98.5	99.5	12	187	1,367
8/26/2003	137	10	7.3	79	35	276	1,643
9/23/2003	141	15	10.6	218	14	14	1,657
10/21/2003	37.5	20	53.3	166	28	41	1,698
11/24/2003	141	125	88.7	130	34	179	1,877
1/6/2004	118	100	84.7	98.5	43	--	1,877
2/9/2004	23.1	10	43.3	121	34	91	1,968
3/30/2004	22	10	45.5	103	50	22	1,990
4/29/2004	2.4	0	0.0	131	30	8	1,999
5/24/2004	43.8	50	114.2	144	25	49	2,047
6/22/2004	57	10	17.5	127	29	54	2,102
7/28/2004	53.2	7	13.2	142	36	21	2,122
8/12/2004	48	0	0	157	15	8	2,130
9/29/2004	27.7	0	--	139	48	0	2,130
10/20/2004	19.1	10	--	140	21	14	2,144
11/17/2004	17.9	10	55.9	160	28	16	2,160
12/22/2004	15.8	5	31.6	143	35	9	2,169
1/20/2005	--	--	--	--	--	--	--
2/23/2005	174	50	28.7	87.5	34	--	--
Date	**VOC Influent Concentration (ppmv)**	**PCE Influent Concentration (ppmv)**	**% PCE of Total VOCs**	**SVE Influent Flow Rate (cfm) [2]**	**Elapsed Time Since Last Visit (day)**	**PCE Removal Since Last Visit (lb)**	**Cumulative PCE Removal (lb)**
3/29/2005	6.4	4.5	70.3	158	34	11	2,180
4/28/2005	8.9	5	56.2	227	30	10	2,190
5/31/2005	10.4	10	96.2	208	33	18	2,208
6/24/2005	8.3	7	84.3	266	24	16	2,224
8/4/2005	8.8	12	136.4	353	41	39	2,263

Notes:

[1] = VOC concentrations of 2,000 ppm and PCE concentrations of 500 ppm are greater than the limit of their respective monitoring device and are to be taken as estimations.

[2] SVE Influent (post-dilution) monitoring point data used for calculation of PCE Removal for dates including and subsequent to March 29, 2005; Removal updated on 1-3-06 to represent SVE Influent flow rate.

Removal Rate = [(flow(cfm)*influent conc.(ppmv)*MW*12.187)/(273.15+C)]*1 cu. m./35.31 cu. ft*1g/1000 mg*1 lb/453.6 g *60 min/1 hr*24 hr/1 day*days of operation

[3] Run time meter reading not indictitive of SVE system run time; actual hours run is assumed equal to elapsed time.

Where: MW = molecular weight; Molecular weight (MW) of PCE is 165.85; C = degrees centigrade, as measured; lb = pounds; ppmv = parts per million (volume/volume basis); -- = information not available

flow = average of the present and the previous months measured SVE influent rate in cubic feet per minute (cfm)

TABLE 2
PCE
REMOVAL ESTIMATE
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	VOC Influent Concentration (ppmv)	PCE Influent Concentration (ppmv)	% PCE of Total VOCs	SVE Influent Flow Rate (cfm) [2]	Elapsed Time Since Last Visit (day)	PCE Removal Since Last Visit (lb)	Cumulative PCE Removal (lb)
Spent Carbon Replaced 8/10/05							
9/13/2005	18.3	12	65.6	226	40	43	2,306
10/10/2005	21.7	10	46.1	222	27	22	2,328
11/11/2005	12.2	9	73.8	209	32	25	2,353
12/8/2005	7.2	2	27.8	235	27	12	2,365
1/6/2006	32.5	4	12.3	245	29	8	2,373
Spent Carbon Replaced 1/25/06							
2/6/2006	3.6	2	55.6	292	30	10	2,383
3/14/2006	5.5	5	90.9	212	36	13	2,396
4/12/2006	6.1	6	98.4	259	29	14	2,410
5/4/2006	7.8	5	64.1	199	22	9	2,419
6/12/2005	7.9	9	113.9	216	39	18	2,437
7/12/2006	8.3	8	96.4	191	30	17	2,454
8/7/2006	8.7	7.5	86.2	201	26	13	2,467
9/21/2006	7.7	9	116.9	227	45	27	2,494
Spent Carbon Replaced 10/11/06							
10/18/2006	6	8	133.3	231	27	17	2,511
11/29/2006	1.6	4	250.0	193.5	42	18	2,529
12/21/2006	4.6	3	65.2	178	22	5	2,534
1/26/2007	0.4	4	1000.0	142.5	36	7	2,541
3/19/2007	0.2	2	1000.0	135	20	3	2,544
4/27/2007	0	15	--	126	28	9	2,553
5/24/2007	15.2	1.8	11.8	127	0.2	0.00	2,553
6/21/2007	1.8	35.0	1944.4	130.5	0.7	1	2,554
7/24/2007	13.2	2	15.2	205	33.0	29	2,583
8/28/2007	16.3	2.0	12.3	206	35.0	5	2,588
9/18/2007	11.7	2.0	17.1	207	21.0	3	2,591
10/31/2007	9.9	2.0	20.2	208	43.0	6	2,597

Notes:

[1] = VOC concentrations of 2,000 ppm and PCE concentrations of 500 ppm are greater than the limit of their respective monitoring device and are to be taken as estimations.

[2] SVE Influent (post-dilution) monitoring point data used for calculation of PCE Removal for dates including and subsequent to March 29, 2005; Removal updated on 1-3-06 to represent SVE Influent flow rate.

Removal Rate = [(flow(cfm)*influent conc.(ppmv)*MW*12.187)/(273.15+C)]*1 cu. m./35.31 cu. ft*1g/1000 mg*1 lb/453.6 g *60 min/1 hr*24 hr/1 day*days of operation

[3] Run time meter reading not indictitive of SVE system run time; actual hours run is assumed equal to elapsed time.

Where:
MW = molecular weight
Molecular weight (MW) of PCE is 165.85
C = degrees centigrade, as measured
flow = average of the present and the previous months measured SVE influent rate in cubic feet per minute (cfm)
lb = pounds
ppmv = parts per million (volume/volume basis)
-- = information not available

[4] Elapsed time for the 1-26-07 to 3-19-07 time period is 52 days, however, the system was down for repair during that time. The run time meter indicates that the system was operated for 20 days of that time period.

TABLE 3
AIR SAMPLE ANALYTICAL RESULTS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

SVE Influent Concentration (mg/m3)			
Date	**cis-1,2-Dichloroethene**	**Tetrachloroethene (PCE)**	**Trichloroethene**
9/18/2002	5	600E	31
9/30/2002	ND (5)	360E	23
10/14/2002	--	--	--
11/19/2002	--	--	--

VGAC Effluent Concentration (mg/m3)			
Date	**cis-1,2-Dichloroethene**	**Tetrachloroethene (PCE)**	**Trichloroethene**
9/18/2002	--	--	--
9/30/2002	--	--	--
10/14/2002	--	--	--
11/19/2002	--	--	--
12/16/2002	ND (5)	ND (5)	ND (5)
1/21/2003	--	--	--
2/10/2003	ND (5)	8	6
3/18/2003	--	--	--
4/29/2003	--	--	--
5/13/2003	ND (1)	5	ND (1)
6/30/2003	--	--	--
7/22/2003	ND (1)	ND (1)	ND (1)
8/26/2003	ND (5)	29	3.6
9/23/2003	ND (5)	ND (5)	ND (5)
10/21/2003	ND (5)	ND (5)	ND (5)
11/24/2003	--	--	--
1/6/2004	--	--	--
2/9/2004	10	ND (5)	ND (5)
3/30/2004	2J	77	1J
4/29/2004	ND (5)	10	ND (5)
5/24/2004	ND (1)	ND (1)	ND (1)
6/22/2004	ND (1)	ND (1)	ND (1)
7/28/2004	ND (5)	ND (5)	ND (5)
8/12/2004	--	--	--
9/29/2004	ND (1)	ND (1)	ND (1)
10/20/2004	ND (1)	ND (1)	ND (1)
11/17/2004	ND (1)	ND (1)	ND (1)
12/22/2004	ND (1)	ND (1)	ND (1)
1/20/2005	--	--	--
3/29/2005	2	ND (1)	ND (1)
4/28/2005	1	0.5J	ND (1)
5/31/2005	1	5	2
6/24/2005	0.8J	64	2
8/4/2005	0.7J	57	1J
Spent Carbon Replaced 8/10/05			
9/13/2005	ND (1)	ND (1)	ND (1)
10/10/2005	ND (1)	ND (1)	ND (1)
11/11/2005	ND (1)	ND (1)	ND (1)
12/8/2005	ND (1)	ND (1)	ND (1)
1/6/2006	ND (1)	ND (1)	ND (1)
Spent Carbon Replaced 1/25/06			
2/6/2006	ND (1)	1	ND (1)

Notes:
Only compounds that were detected above the method reporting limit were presented above
ND (5) = Not detected above method reporting limit in parenthesis
E = Concentation exceeded calibration range
-- = sample not collected
SVE = Soil vapor extraction
J = Estimated Value
VGAC = vapor-phase granular activated carbon
mg/m3 = milligrams per cubic meter

TABLE 3
AIR SAMPLE ANALYTICAL RESULTS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

VGAC Effluent Concentration (mg/m3)			
Date	**cis-1,2-Dichloroethene**	**Tetrachloroethene (PCE)**	**Trichloroethene**
3/14/2006	ND (1)	ND (1)	ND (1)
4/12/2006	ND (1)	0.6J	ND (1)
5/4/2006	ND (1)	ND (1)	ND (1)
6/12/2006	ND (1)	ND (1)	ND (1)
7/12/2005	0.6 J	ND (1)	ND (1)
8/7/2006	ND (1)	1	ND (1)
9/21/2006	0.4 J	2	0.8 J
Spent Carbon Replaced 10/11/06			
10/18/2006	No sample collected		
11/29/2006	ND (1)	0.9J	ND (1)
12/28/2006	ND (1)	ND (1)	ND (1)
(sample collected 12/21/06 lost due to tedlar bag leak; replacement sample collected 12/28/06)			
1/26/2007	ND (1)	ND (1)	ND (1)
3/19/2007	ND (1)	ND (1)	ND (1)
(sample collected 3/12/07 following SVE system repair)			
4/27/2007	ND (1)	ND (1)	ND (1)
5/24/2007	ND (1)	ND (1)	ND (1)
6/21/2007	ND (1)	ND (1)	ND (1)
7/24/2007	ND (1)	0.22 J	ND (1)
8/28/2007	0.29 J	0.35 J	ND (1)
9/18/2007	ND (1)	ND (1)	ND (1)
10/31/2007	ND (1)	ND (1)	ND (1)

Notes:
Only compounds that were detected above the method reporting limit were presented above
ND (5) = Not detected above method reporting limit in parenthesis
E = Concentation exceeded calibration range
-- = sample not collected
SVE = Soil vapor extraction
J = Estimated Value
VGAC = vapor-phase granular activated carbon
mg/m3 = milligrams per cubic meter

TABLE 4
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	System Effluent Flow Rate (cfm)	Field Monitoring		Elapsed Time (day)	Laboratory Results			Discharge based on Field Monitoring		Discharge based on Laboratory Results					
		PCE System Effluent Concentration (ppmv)	System Effluent VOC Concentration (ppmv)		PCE (mg/cu m.)	TCE (mg/cu m.)	cis-1,2-DCE (mg/cu m.)	PCE Discharge Since Last Visit (lb/hr)	PCE Discharge Since Last Visit (lb)	PCE Discharge Since Last Visit: lb/hr	PCE Discharge Since Last Visit (lb)	TCE Discharge Since Last Visit (lb/hr)	TCE Discharge Since Last Visit (lb)	cis-1,2-DCE Discharge Since Last Visit (lb/hr)	cis-1,2-DCE Discharge Since Last Visit (lb)
9/18/2002	SVE PILOT TEST STARTUP														
9/30/2002	290	--	0	12	--	--	--	--	--	--	--	--	--	--	--
10/14/2002	--	--	0	14	--	--	--	--	--	--	--	--	--	--	--
11/19/2002	290	--	0	36	--	--	--	--	--	--	--	--	--	--	--
12/16/2002	340	--	0	27	ND (5)	ND (5)	ND (5)	--	--	0.00	0.00	0.00	0.00	0.00	0.00
1/13/2003	45	0	--	28	--	--	--	0.0000	0.00	--	--	--	--	--	--
1/21/2003	220	--	0	8	--	--	--	--	--	--	--	--	--	--	--
2/10/2003	258	10	3.2	20	8.0	6.0	ND (5)	0.0654	31.40	0.008	3.71	0.006	2.78	0.00	0.00
3/5/2003	305	--	0	23	--	--	--	--	--	--	--	--	--	--	--
3/18/2003	282	0	0	13	--	--	--	0.0000	0.00	--	--	--	--	--	--
4/29/2003	287	0	0.6	42	--	--	--	0.0000	0.00	--	--	--	--	--	--
5/13/2003	245	0	0.6	14	5.0	ND (1)	ND (1)	0.0000	0.00	0.005	1.54	0.00	0.00	0.00	0.00
6/30/2003	240	100	29.8	48	--	--	--	0.3043	350.56	--	--	--	--	--	--
7/22/2003	222	--	0	12	ND (1)	ND (1)	ND (1)	--	--	0.00	0.00	0.00	0.00	0.00	0.00
8/26/2003	232	10	35.6	35	29.0	3.6	ND (5)	0.0588	49.42	0.025	21.17	0.003	2.63	0.00	0.00
9/23/2003	210	0	0	28	ND (5)	ND (5)	ND (5)	0.0000	0.00	0.000	0.00	0.000	0.00	0.00	0.00
10/21/2003	225	0	0	28	ND (5)	ND (5)	ND (5)	0.0000	0.00	0.000	0.00	0.000	0.00	0.00	0.00
11/24/2003	205	0	0	34	--	--	--	0.0000	0.00	--	--	--	--	--	--
2003 Totals:									**431.38**		**26.42**		**5.41**		**0.00**
1/6/2004	200	0	0	43	--	--	--	0.0000	0.00	--	--	--	--	--	--
2/9/2004	235	0	0	34	ND (5)	ND (5)	10	0.0000	0.00	0.000	0.00	0.000	0.00	0.009	7.18
3/30/2004	160	5	24	50	77	1J	2J	0.0203	24.34	0.046	55.38	0.001	0.72	0.001	1.44
4/29/2004	255	0	0	30	10	ND (5)	ND (5)	0.0000	0.00	0.010	6.88	0.001	0.69	0.002	1.38
5/24/2004	198	0	0	25	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
6/22/2004	210	0	0	29	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
7/28/2004	181	0	3.1	36	ND (5)	ND (5)	ND (5)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
8/12/2004	187	0	0.1	15	--	--	--	0.0000	0.00	--	--	--	--	--	--
9/29/2004	205	--	0	48	ND (1)	ND (1)	ND (1)	--	--	0.000	0.00	0.000	0.00	0.000	0.00
10/20/2004	230	0	0	21	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
11/17/2004	173	0	0	28	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
12/22/2004	131	0	0	35	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
2004 Totals:									**24.34**		**62.26**		**1.41**		**10.00**

Notes: -- = Measurement not recorded [(1)] Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

Discharge Rate (Field Mon., lb/hr) = [(flow(cfm)*influent conc.(ppmv)*MW*12.187)/(273.15+C)]*1 cu. m./35.31 cu. ft*1g/1000 mg*1 lb/453.6 g*60 min/1 hr

Discharge (Field Mon., lb) = Discharge Rate (lb/hr) * # of days*24hours/day*60 minutes/hr

Discharge Rate (Lab Res., lb/hr) = flow (cfm)*effluent conc. (mg/cu. m.)*1g/1000mg*1lb/453.6g*1cu. m./35.31cu. ft*60min/1 hr

Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days*24hours/day

Where: C = degrees centigrade, assumed to be 25
J = Estimated Value
hr = hours
Molecular weight (MW) of PCE=165.85; TCE=131.4; cis-1,2-DCE=96.94
cfm = cubic feet per minute
mg/cu. m = milligrams per cubic meter
ppmv = parts per million (vol./vol.)
lb = pounds

Permit Limit		
	lb/hr	lb/yr
PCE	0.031	270
TCE	0.014	120
cis-1,2-DCE	0.63	5,510

TABLE 4
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	System Effluent Flow Rate (cfm)	Field Monitoring: PCE System Effluent Concentration (ppmv)	Field Monitoring: System Effluent VOC Concentration (ppmv)	Elapsed Time (day)	Laboratory Results: PCE (mg/cu m.)	Laboratory Results: TCE (mg/cu m.)	Laboratory Results: cis-1,2-DCE (mg/cu m.)	Discharge based on Field Monitoring: PCE Discharge Since Last Visit (lb/hr)	Discharge based on Field Monitoring: PCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: PCE Discharge Since Last Visit: lb/hr	Discharge based on Laboratory Results: PCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: TCE Discharge Since Last Visit (lb/hr)	Discharge based on Laboratory Results: TCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: cis-1,2-DCE Discharge Since Last Visit (lb/hr)	Discharge based on Laboratory Results: cis-1,2-DCE Discharge Since Last Visit (lb)
1/20/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2005	245	0	0	34	--	--	--	0.0000	0.00	--	--	--	--	--	--
3/29/2005	234 [1]	0	0	34	ND (1)	ND (1)	2	0.0000	0.00	0.000	0.00	0.000	0.00	0.002	1.43
4/28/2005	222	0	0	30	0.5	ND (1)	1	0.0000	0.00	0.0004	0.30	0.000	0.00	0.001	0.60
5/31/2005	223	0	0	33	5	2	1	0.0000	0.00	0.0042	3.31	0.0017	1.32	0.001	0.66
6/24/2005	242	10.1	15	24	64	2	0.8J	0.0620	35.70	0.0580	33.42	0.0018	1.04	0.001	0.42
8/4/2005	381	12	7.5	41	57	1J	0.7J	0.1159	114.09	0.0814	80.05	0.0014	1.40	0.001	0.98
Spent Carbon Replaced 8/10/05															
9/13/2005	248	0	0	40	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
10/10/2005	211	0	0	27	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
11/11/2005	239	0	0	32	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
12/8/2005	212	0	0.1	27	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
2005 Totals:									**149.79**		**117.08**		**3.77**		**4.09**
1/6/2006	265	0	5.8	29	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
Spent Carbon Replaced 1/25/06															
2/6/2006	322	0	0	30	1	ND (1)	ND (1)	0.0000	0.00	0.0012	0.87	0.0000	0.00	0.000	0.00
3/14/2006	232	0	0	36	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
4/12/2006	271	0	0	29	0.6J	ND (1)	ND (1)	0.0000	0.00	0.0006	0.42	0.0000	0.00	0.000	0.00
5/4/2006	214	0	0	22	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
6/12/2006	253	0	0	39	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
7/12/2006	196	0	0	30	ND (1)	ND (1)	0.6 J	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.001	0.38
8/7/2006	210	0	0	26	1	ND (1)	ND (1)	0.0000	0.00	0.0008	0.49	0.0000	0.00	0.000	0.00
9/21/2006	203	0	2.1	45	2	0.8 J	0.4 J	0.0000	0.00	0.0015	1.64	0.0006	0.66	0.0003	0.33
Spent Carbon Replaced 10/11/06															
10/18/2006	236	0	0	27	--	--	--	0.0000	0.00	--	--	--	--	--	--
11/29/2006	202	0	0	42	0.9J	ND (1)	ND (1)	0.0000	0.00	0.0007	0.69	0.0000	0.00	0.0000	0.00
12/21/2006	210	0	0	22	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
2006 Totals:									**0.00**		**4.11**		**0.66**		**0.71**
1/26/2007	142	0	0	36	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
3/19/2007	172	0	0	20	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
4/27/2007	125	0	0	28	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
5/24/2007	170	0	0	27	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00

Notes: -- = Measurement not recorded
[1] Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

Discharge Rate (Field Mon., lb/hr) = [(flow(cfm)*influent conc.(ppmv)*MW*12.187)/(273.15+C)]*1 cu. m./35.31 cu. ft*1g/1000 mg*1 lb/453.6 g*60 min/1 hr

Discharge (Field Mon., lb) = Discharge Rate (lb/hr) * # of days*24hours/day*60 minutes/hr

Discharge Rate (Lab Res., lb/hr) = flow (cfm)*effluent conc. (mg/cu. m.)*1g/1000mg*1lb/453.6g*1cu. m./35.31cu. ft*60min/1 hr

Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days*24hours/day

Where: C = degrees centigrade, assumed to be 25
J = Estimated Value
hr = hours
Molecular weight (MW) of PCE=165.85; TCE=131.4; cis-1,2-DCE=96.94
cfm = cubic feet per minute
mg/cu. m = milligrams per cubic meter
ppmv = parts per million (vol./vol.)
lb = pounds

Permit Limit		
	lb/hr	lb/yr
PCE	0.031	270
TCE	0.014	120
cis-1,2-DCE	0.63	5,510

TABLE 4
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Date	System Effluent Flow Rate (cfm)	Field Monitoring: PCE System Effluent Concentration (ppmv)	Field Monitoring: System Effluent VOC Concentration (ppmv)	Elapsed Time (day)	Laboratory Results: PCE (mg/cu m.)	Laboratory Results: TCE (mg/cu m.)	Laboratory Results: cis-1,2-DCE (mg/cu m.)	Discharge based on Field Monitoring: PCE Discharge Since Last Visit (lb/hr)	Discharge based on Field Monitoring: PCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: PCE Discharge Since Last Visit. lb/hr	Discharge based on Laboratory Results: PCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: TCE Discharge Since Last Visit (lb/hr)	Discharge based on Laboratory Results: TCE Discharge Since Last Visit (lb)	Discharge based on Laboratory Results: cis-1,2-DCE Discharge Since Last Visit (lb/hr)	Discharge based on Laboratory Results: cis-1,2-DCE Discharge Since Last Visit (lb)
6/21/2007	199	0	0.1	28	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
7/24/2007	194	0	0	33	0.22 J	ND (1)	ND (1)	0.0000	0.00	0.0002	0.13	0.0000	0.00	0.000	0.00
8/28/2007	129	0	0	35	0.35 J	ND (1)	0.29 J	0.0000	0.00	0.0002	0.14	0.0000	0.00	0.0001	0.12
9/18/2007	164	0	0	21	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
10/31/2007	231	0	0	43	ND (1)	ND (1)	ND (1)	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.000	0.00
2007 Totals:									**0.00**		**0.27**		**0.00**		**0.12**

Notes: -- = Measurement not recorded (1) Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

Discharge Rate (Field Mon., lb/hr) = [(flow(cfm)*influent conc.(ppmv)*MW*12.187)/(273.15+C)]*1 cu. m./35.31 cu. ft*1g/1000 mg*1 lb/453.6 g*60 min/1 hr

Discharge (Field Mon., lb) = Discharge Rate (lb/hr) * # of days*24hours/day*60 minutes/hr

Discharge Rate (Lab Res., lb/hr) = flow (cfm)*effluent conc. (mg/cu. m.)*1g/1000mg*1lb/453.6g*1cu. m./35.31cu. ft*60min/1 hr

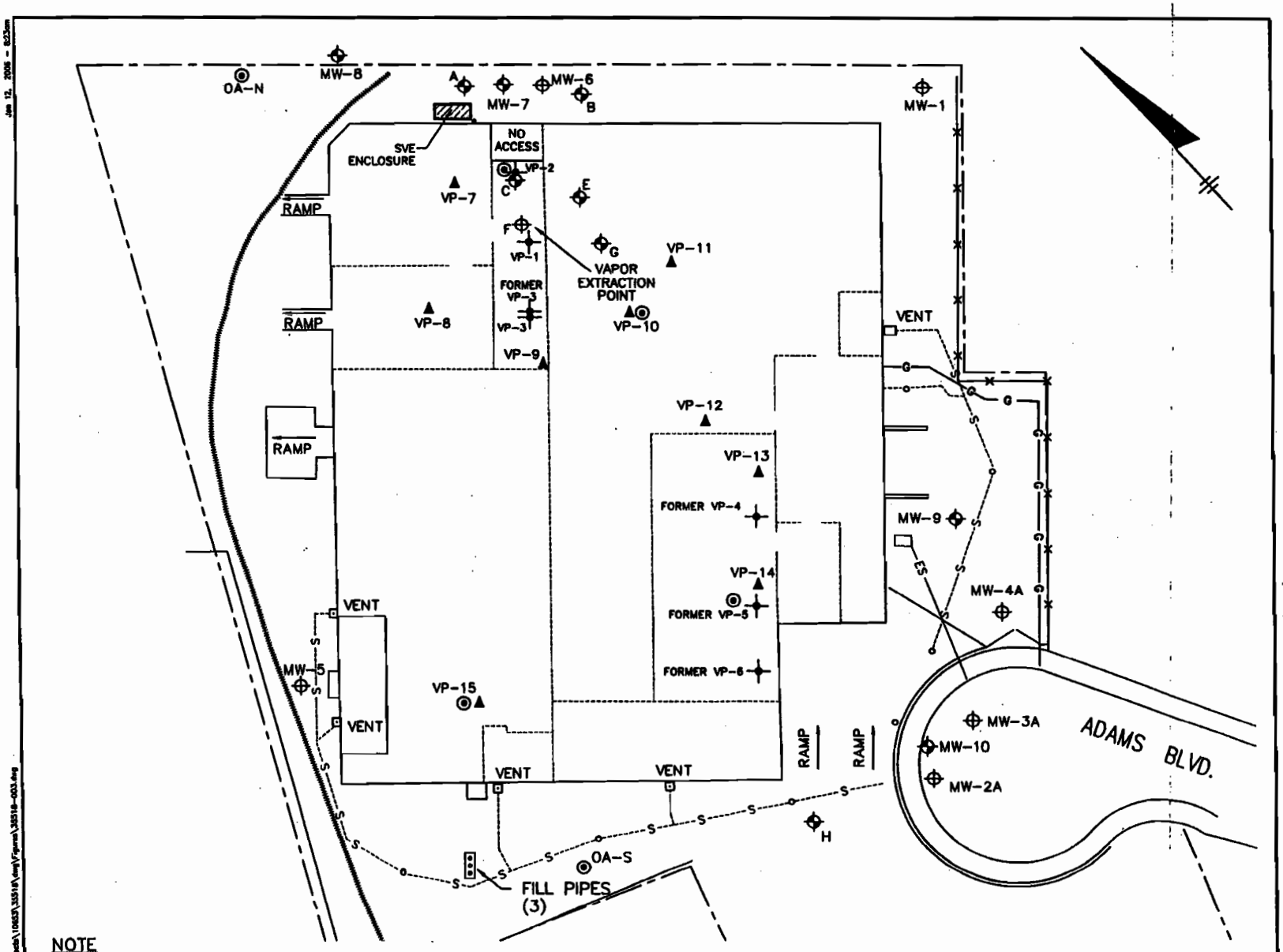
Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days*24hours/day

Where: C = degrees centigrade, assumed to be 25
J = Estimated Value
hr = hours
Molecular weight (MW) of PCE=165.85; TCE=131.4; cis-1,2-DCE=96.94
cfm = cubic feet per minute
mg/cu. m = milligrams per cubic meter
ppmv = parts per million (vol./vol.)
lb = pounds

Permit Limit		
	lb/hr	lb/yr
PCE	0.031	270
TCE	0.014	120
cis-1,2-DCE	0.63	5,510

FIGURES

FIGURE 1



NOTE
FIGURE DEVELOPED BY SHAW ENVIRONMENTAL, INC.
REVISED BY OBG (4/28/05 AND 11/3/05).

LEGEND

- TRAIN TRACK
- AIR SAMPLING POINT (LOCATIONS APPROXIMATE AS SHOWN)
- SAMPLING/ VAPOR MONITORING POINT
- VAPOR MONITORING POINT
- DEEP MONITORING WELL (>30')
- SHALLOW MONITORING WELL (<30')
- MANHOLE OR ACCESS POIN
- FENCE LINE
- ELECTRIC LINE
- GAS LINE
- SANITARY SEWER
- PROPERTY LINE
- INTERIOR BUILDING WALL (DIVIDES WAREHOUSE)

NATIONAL HEATSET PRINTING
FARMINGDALE, NEW YORK

SUBSLAB INVESTIGATION LOCATIONS

1"=50' 50 0 5

FILE NO. 10653.35518.003
NOVEMBER 2005

O'BRIEN & GERE ENGINEERS INC.

2004 © O'Brien and Gere Engineers, Inc.

APPENDIX A
SITE VISIT DOCUMENTATION

National Heatset Printing

1 Adams Boulevard, Farmingdale, New York

O'Brien & Gere Eng. - Job # 35518.005

Personnel: Dan Simpson Time: 0930
Weather: Sunny, 77F Date: 8/28/2007

System Status:

Arrival:	Running
Departure:	Running
Run Timer Reading:	1561555
Electric Meter Reading	07919

System Data:

Extraction Well F Gate Valve: 100 % Open
Dilution Valve: 50 % Open

Pre-Bleed Air (Extraction Well):		**Post-Bleed Air (SVE Influent):**	
Flow:	85.5 CFM	Flow:	232 CFM
Vacuum:	20 "H2O	Vacuum:	-- "H2O
PID Reading:	16.3 PPM	PID Reading:	2.7 PPM
Draeger Tube:	2 PPM	Draeger Tube	0 PPM
Temperature:	98 °F	Temperature:	139.2 °F

Carbon Monitoring:

Mid:	3.5 PPM	190 CFM	144.5 Temp. (°F)	0 PPM (Drager)
Effluent:	0 PPM	184 CFM	129.1 Temp. (°F)	0 PPM (Drager)

Carbon effluent sample collected & shipped to lab? Yes

Knockout Tank Drained?	No
# Gallons:	N/A
Purge water drums on-site:	7

Monitoring Well Gauging / Vapor Point Monitoring:

Well/V.P. ID:	MW-C	MW-E	MW-G	VP-1	VP-2	VP-3	VP-7	VP-8	VP-9	VP-10	VP-11	VP-12	VP-13	VP-14	VP-15
DTW (ft):	121.79	14.79	15.01	--	--	--	--	--	--	--	--	--	--	--	--
Vac. (" H2O):	--	--	--	1.8	0.5	0.5	0.39	0.35	0.25	0.35	0.15	0.1	0.06	0.02	0
PID (PPM):	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0

Comments:

*Drum Count: 7 - Knock out
3+6 - Ground Water (Contractor)
3 - Empty

*Temporary fence gas been taken down by the contractor

National Heatset Printing

1 Adams Boulevard, Farmingdale, New York

O'Brien & Gere Eng. - Job # 35518.005

Personnel: Dan Simpson Time: 1015
Weather: Sunny, 64F Date: 9/18/2007

System Status:

Arrival: Running
Departure: Running
Run Timer Reading: 1612014
Electric Meter Reading: 08092, .37, 15.42, 0039

System Data:

Extraction Well F Gate Valve: 100 % Open
Dilution Valve: 50 % Open

Pre-Bleed Air (Extraction Well):		**Post-Bleed Air (SVE Influent):**	
Flow:	99.2 CFM	Flow:	214.5 CFM
Vacuum:	28 "H2O	Vacuum:	-- "H2O
PID Reading:	11.7 PPM	PID Reading:	5.2 PPM
Draeger Tube:	2 PPM	Draeger Tube:	0 PPM
Temperature:	67.1 °F	Temperature:	138.5 °F

Carbon Monitoring:

Mid:	1.4 PPM	184 CFM	146.8 Temp. (°F)	2 PPM (Drager)
Effluent:	0.0 PPM	164 CFM	129.8 Temp. (°F)	0 PPM (Drager)

Carbon effluent sample collected & shipped to lab? Yes

Knockout Tank Drained? No
Gallons: N/A
Purge water drums on-site: 3

Monitoring Well Gauging / Vapor Point Monitoring:

Well/V.P. ID:	MW-C	MW-E	MW-G	VP-1	VP-2	VP-3	VP-7	VP-8	VP-9	VP-10	VP-11	VP-12	VP-13	VP-14	VP-15
DTW (ft):	15.52	15.52	15.71	--	--	--	--	--	--	--	--	--	--	--	--
Vac. (" H2O):	--	--	--	1.5	0.5	0.11	0.41	0.3	0.16	0.33	0.17	0.1	0	0	0
PID (PPM):	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0

Comments:

* Only 3 of the 7 knockout drums remain (taken by contractor)

National Heatset Printing

1 Adams Boulevard, Farmingdale, New York

O'Brien & Gere Eng. - Job # 35518.005

Personnel: Dan Simpson Time: 1000
Weather: Sunny, 63F Date: 10/31/2007

System Status:

Arrival: Running
Departure: Running
Run Timer Reading: 1715165
Electric Meter Reading: 08450, .38, 15.80, 0040

System Data:

Extraction Well F Gate Valve: 100 % Open
Dilution Valve: 50 % Open

Pre-Bleed Air (Extraction Well):		**Post-Bleed Air (SVE Influent):**	
Flow:	80 CFM	Flow:	216 CFM
Vacuum:	25 "H2O	Vacuum:	-- "H2O
PID Reading:	9.9 PPM	PID Reading:	1.1 PPM
Draeger Tube:	2 PPM	Draeger Tube:	0 PPM
Temperature:	57.92 °F	Temperature:	111.9 °F

Carbon Monitoring:

Mid:	0 PPM	206 CFM	118.4 Temp. (°F)	0 PPM (Drager)
Effluent:	0.0 PPM	231 CFM	104.7 Temp. (°F)	0 PPM (Drager)

Carbon effluent sample collected & shipped to lab? Yes

Knockout Tank Drained? No
Gallons: N/A
Purge water drums on-site: 3

Monitoring Well Gauging / Vapor Point Monitoring:

Well/V.P. ID:	MW-C	MW-E	MW-G	VP-1	VP-2	VP-3	VP-7	VP-8	VP-9	VP-10	VP-11	VP-12	VP-13	VP-14	VP-15
DTW (ft):	16.66	16.66	16.85	--	--	--	--	--	--	--	--	--	--	--	--
Vac. (" H2O):	--	--	--	1.5	0.25	0.31	0.4	0.3	0.22	N/A	0.19	0.09	0	0	0
PID (PPM):	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0

Comments:

* VP-10 under packaging material
*3 knockout drums,5 ET drums, 3 drums near trailer: total=11
* On site trailer falling off cement blocks (unsafe).

APPENDIX B
LABORATORY REPORT OF ANALYSES

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

September 19, 2007

O'Brien & Gere
5000 Brittonfield Parkway
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

RE: Client Project: NYSDEC – National Heatset
Lab Project #: F1227

Dear Mr. Dent:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499 • www.mitkem.com

MITKEM CORPORATION

Report of Laboratory Analyses for O'Brien & Gere

Client Project: National Heatset, 08/28/07

Mitkem Work Order ID: F1227

September 19, 2007

Prepared For:

O'Brien & Gere
5000 Brittonfield Parkway
P. O. Box 4873
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

MITKEM CORPORATION

Client: O'Brien & Gere

Client Project: National Heatset, 08/28/07

Lab Project: F1227

Date samples received: 08/30/07

Project Narrative

This data report includes the analysis results for one (1) air sample in a Tedlar bag that was received from O'Brien & Gere on August 30, 2007. Analyses were performed per specification in the Chain of Custody form, following discussions with the client. For reference, a copy of the Mitkem Work Order form is included for cross-referencing the client sample ID and laboratory sample ID.

All of the analyses were performed according to method specifications, as modified by Mitkem. No unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

This data report has been reviewed and is authorized for release as evidenced by the signature below.

Agnes Ng
CLP Project Manager

Mitkem Corporation

Date: *13-Sep-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1227-01

Project: National Heatset
Collection Date: 08/28/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS			**TO14**				
Dichlorodifluoromethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Chloromethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Vinyl chloride	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Bromomethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Chloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Trichlorofluoromethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1-Dichloroethene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Acetone	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Iodomethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Carbon disulfide	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Methylene chloride	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
trans-1,2-Dichloroethene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Methyl tert-butyl ether	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1-Dichloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Vinyl acetate	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
2-Butanone	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
cis-1,2-Dichloroethene	0.29	J	1.0	mg/m³	1	09/05/2007 22:38	32077
2,2-Dichloropropane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Chloroform	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1,1-Trichloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1-Dichloropropene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Carbon tetrachloride	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2-Dichloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Benzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Trichloroethene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2-Dichloropropane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Dibromomethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Bromodichloromethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
cis-1,3-Dichloropropene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
4-Methyl-2-pentanone	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Toluene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
trans-1,3-Dichloropropene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1,2-Trichloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,3-Dichloropropane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Tetrachloroethene	0.35	J	1.0	mg/m³	1	09/05/2007 22:38	32077
2-Hexanone	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Dibromochloromethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2-Dibromoethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Chlorobenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1,1,2-Tetrachloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: *13-Sep-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1227-01

Project: National Heatset
Collection Date: 08/28/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS			**TO14**				
Ethylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Xylene (Total)	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Styrene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Bromoform	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Isopropylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,1,2,2-Tetrachloroethane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
Bromobenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2,3-Trichloropropane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
n-Propylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
2-Chlorotoluene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,3,5-Trimethylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
4-Chlorotoluene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
tert-Butylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2,4-Trimethylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
sec-Butylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
4-Isopropyltoluene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,3-Dichlorobenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,4-Dichlorobenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
n-Butylbenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2-Dichlorobenzene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2-Dibromo-3-chloropropane	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2,4-Trichlorobenzene	0.25	BJ	1.0	mg/m³	1	09/05/2007 22:38	32077
Hexachlorobutadiene	ND		1.0	mg/m³	1	09/05/2007 22:38	32077
1,2,3-Trichlorobenzene	0.34	BJ	1.0	mg/m³	1	09/05/2007 22:38	32077
Naphthalene	0.45	BJ	1.0	mg/m³	1	09/05/2007 22:38	32077
Surr: Dibromofluoromethane	90.0		70-130	%REC	1	09/05/2007 22:38	32077
Surr: 1,2-Dichloroethane-d4	98.1		70-130	%REC	1	09/05/2007 22:38	32077
Surr: Toluene-d8	106		70-130	%REC	1	09/05/2007 22:38	32077
Surr: Bromofluorobenzene	97.0		70-130	%REC	1	09/05/2007 22:38	32077

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: The O'Brien & Gere Companies
Work Order: F1227
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: **TO14**

Sample ID: **MB-32077**	SampType: **MBLK**	TestCode: **TO14**	Prep Date: **09/05/2007**	Run ID: **V1_070905C**	
Client ID: **MB-32077**	Batch ID: **32077**	Units: **mg/m³**	Analysis Date: **09/05/2007**	SeqNo: **688462**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.0	0	0	0	0	0	0			
Chloromethane	ND	1.0	0	0	0	0	0	0			
Vinyl chloride	ND	1.0	0	0	0	0	0	0			
Bromomethane	ND	1.0	0	0	0	0	0	0			
Chloroethane	ND	1.0	0	0	0	0	0	0			
Trichlorofluoromethane	ND	1.0	0	0	0	0	0	0			
1,1-Dichloroethene	ND	1.0	0	0	0	0	0	0			
Acetone	ND	1.0	0	0	0	0	0	0			
Iodomethane	ND	1.0	0	0	0	0	0	0			
Carbon disulfide	ND	1.0	0	0	0	0	0	0			
Methylene chloride	ND	1.0	0	0	0	0	0	0			
trans-1,2-Dichloroethene	ND	1.0	0	0	0	0	0	0			
Methyl tert-butyl ether	ND	1.0	0	0	0	0	0	0			
1,1-Dichloroethane	ND	1.0	0	0	0	0	0	0			
Vinyl acetate	ND	1.0	0	0	0	0	0	0			
2-Butanone	ND	1.0	0	0	0	0	0	0			
cis-1,2-Dichloroethene	ND	1.0	0	0	0	0	0	0			
2,2-Dichloropropane	ND	1.0	0	0	0	0	0	0			
Chloroform	ND	1.0	0	0	0	0	0	0			
1,1,1-Trichloroethane	ND	1.0	0	0	0	0	0	0			
1,1-Dichloropropene	ND	1.0	0	0	0	0	0	0			
Carbon tetrachloride	ND	1.0	0	0	0	0	0	0			
1,2-Dichloroethane	ND	1.0	0	0	0	0	0	0			
Benzene	ND	1.0	0	0	0	0	0	0			
Trichloroethene	ND	1.0	0	0	0	0	0	0			
1,2-Dichloropropane	ND	1.0	0	0	0	0	0	0			
Dibromomethane	ND	1.0	0	0	0	0	0	0			
Bromodichloromethane	ND	1.0	0	0	0	0	0	0			
cis-1,3-Dichloropropene	ND	1.0	0	0	0	0	0	0			
4-Methyl-2-pentanone	ND	1.0	0	0	0	0	0	0			
Toluene	ND	1.0	0	0	0	0	0	0			
trans-1,3-Dichloropropene	ND	1.0	0	0	0	0	0	0			
1,1,2-Trichloroethane	ND	1.0	0	0	0	0	0	0			
1,3-Dichloropropane	ND	1.0	0	0	0	0	0	0			
Tetrachloroethene	ND	1.0	0	0	0	0	0	0			
2-Hexanone	ND	1.0	0	0	0	0	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1227
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **MB-32077** SampType: **MBLK** TestCode: **TO14** Prep Date: **09/05/2007** Run ID: **V1_070905C**
Client ID: **MB-32077** Batch ID: **32077** Units: **mg/m³** Analysis Date: **09/05/2007** SeqNo: **688462**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.0	0	0	0	0	0	0			
1,2-Dibromoethane	ND	1.0	0	0	0	0	0	0			
Chlorobenzene	ND	1.0	0	0	0	0	0	0			
1,1,1,2-Tetrachloroethane	ND	1.0	0	0	0	0	0	0			
Ethylbenzene	ND	1.0	0	0	0	0	0	0			
Styrene	ND	1.0	0	0	0	0	0	0			
Bromoform	ND	1.0	0	0	0	0	0	0			
Isopropylbenzene	ND	1.0	0	0	0	0	0	0			
1,1,2,2-Tetrachloroethane	ND	1.0	0	0	0	0	0	0			
Bromobenzene	ND	1.0	0	0	0	0	0	0			
1,2,3-Trichloropropane	ND	1.0	0	0	0	0	0	0			
n-Propylbenzene	ND	1.0	0	0	0	0	0	0			
2-Chlorotoluene	ND	1.0	0	0	0	0	0	0			
1,3,5-Trimethylbenzene	ND	1.0	0	0	0	0	0	0			
4-Chlorotoluene	ND	1.0	0	0	0	0	0	0			
tert-Butylbenzene	ND	1.0	0	0	0	0	0	0			
1,2,4-Trimethylbenzene	ND	1.0	0	0	0	0	0	0			
sec-Butylbenzene	ND	1.0	0	0	0	0	0	0			
4-Isopropyltoluene	ND	1.0	0	0	0	0	0	0			
1,3-Dichlorobenzene	ND	1.0	0	0	0	0	0	0			
1,4-Dichlorobenzene	ND	1.0	0	0	0	0	0	0			
n-Butylbenzene	ND	1.0	0	0	0	0	0	0			
1,2-Dichlorobenzene	ND	1.0	0	0	0	0	0	0			
1,2-Dibromo-3-chloropropane	ND	1.0	0	0	0	0	0	0			
1,2,4-Trichlorobenzene	0.2504	1.0	0	0	0	0	0	0			J
Hexachlorobutadiene	0.2156	1.0	0	0	0	0	0	0			J
1,2,3-Trichlorobenzene	0.3769	1.0	0	0	0	0	0	0			J
Naphthalene	0.4947	1.0	0	0	0	0	0	0			J
Xylene (Total)	ND	1.0	0	0	0	0	0	0			
Surr: Dibromofluoromethane	10.08	1.0	10.00	0	101	70	130	0			
Surr: 1,2-Dichloroethane-d4	11.15	1.0	10.00	0	111	70	130	0			
Surr: Toluene-d8	10.61	1.0	10.00	0	106	70	130	0			
Surr: Bromofluorobenzene	10.23	1.0	10.00	0	102	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1227
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-32077** SampType: **LCS** TestCode: **TO14** Prep Date: **09/05/2007** Run ID: **V1_070905C**
Client ID: **LCS-32077** Batch ID: **32077** Units: **mg/m³** Analysis Date: **09/05/2007** SeqNo: **688463**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	7.081	1.0	10.00	0	70.8	70	130	0			
Chloromethane	8.816	1.0	10.00	0	88.2	70	130	0			
Vinyl chloride	8.572	1.0	10.00	0	85.7	70	130	0			
Bromomethane	9.158	1.0	10.00	0	91.6	70	130	0			
Chloroethane	8.982	1.0	10.00	0	89.8	70	130	0			
Trichlorofluoromethane	8.950	1.0	10.00	0	89.5	70	130	0			
1,1-Dichloroethene	8.321	1.0	10.00	0	83.2	70	130	0			
Acetone	12.34	1.0	10.00	0	123	70	130	0			
Iodomethane	9.746	1.0	10.00	0	97.5	70	130	0			
Carbon disulfide	8.443	1.0	10.00	0	84.4	70	130	0			
Methylene chloride	9.783	1.0	10.00	0	97.8	70	130	0			
trans-1,2-Dichloroethene	9.058	1.0	10.00	0	90.6	70	130	0			
Methyl tert-butyl ether	10.44	1.0	10.00	0	104	70	130	0			
1,1-Dichloroethane	9.362	1.0	10.00	0	93.6	70	130	0			
Vinyl acetate	11.13	1.0	10.00	0	111	70	130	0			
2-Butanone	13.42	1.0	10.00	0	134	70	130	0			S
cis-1,2-Dichloroethene	9.511	1.0	10.00	0	95.1	70	130	0			
2,2-Dichloropropane	10.23	1.0	10.00	0	102	70	130	0			
Chloroform	9.647	1.0	10.00	0	96.5	70	130	0			
1,1,1-Trichloroethane	9.148	1.0	10.00	0	91.5	70	130	0			
1,1-Dichloropropene	9.213	1.0	10.00	0	92.1	70	130	0			
Carbon tetrachloride	9.210	1.0	10.00	0	92.1	70	130	0			
1,2-Dichloroethane	10.56	1.0	10.00	0	106	70	130	0			
Benzene	9.664	1.0	10.00	0	96.6	70	130	0			
Trichloroethene	9.669	1.0	10.00	0	96.7	70	130	0			
1,2-Dichloropropane	9.666	1.0	10.00	0	96.7	70	130	0			
Dibromomethane	10.94	1.0	10.00	0	109	70	130	0			
Bromodichloromethane	9.988	1.0	10.00	0	99.9	70	130	0			
cis-1,3-Dichloropropene	10.26	1.0	10.00	0	103	70	130	0			
4-Methyl-2-pentanone	12.53	1.0	10.00	0	125	70	130	0			
Toluene	9.547	1.0	10.00	0	95.5	70	130	0			
trans-1,3-Dichloropropene	10.87	1.0	10.00	0	109	70	130	0			
1,1,2-Trichloroethane	10.93	1.0	10.00	0	109	70	130	0			
1,3-Dichloropropane	11.72	1.0	10.00	0	117	70	130	0			
Tetrachloroethene	10.10	1.0	10.00	0	101	70	130	0			
2-Hexanone	13.69	1.0	10.00	0	137	70	130	0			S
Dibromochloromethane	11.52	1.0	10.00	0	115	70	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1227
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-32077**	SampType: **LCS**	TestCode: **TO14**	Prep Date: **09/05/2007**	Run ID: **V1_070905C**	
Client ID: **LCS-32077**	Batch ID: **32077**	Units: **mg/m³**	Analysis Date: **09/05/2007**	SeqNo: **688463**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.98	1.0	10.00	0	120	70	130	0			
Chlorobenzene	10.31	1.0	10.00	0	103	70	130	0			
1,1,1,2-Tetrachloroethane	10.61	1.0	10.00	0	106	70	130	0			
Ethylbenzene	10.13	1.0	10.00	0	101	70	130	0			
Styrene	10.55	1.0	10.00	0	106	70	130	0			
Bromoform	12.77	1.0	10.00	0	128	70	130	0			
Isopropylbenzene	10.07	1.0	10.00	0	101	70	130	0			
1,1,2,2-Tetrachloroethane	12.54	1.0	10.00	0	125	70	130	0			
Bromobenzene	10.40	1.0	10.00	0	104	70	130	0			
1,2,3-Trichloropropane	12.78	1.0	10.00	0	128	70	130	0			
n-Propylbenzene	10.07	1.0	10.00	0	101	70	130	0			
2-Chlorotoluene	10.04	1.0	10.00	0	100	70	130	0			
1,3,5-Trimethylbenzene	10.04	1.0	10.00	0	100	70	130	0			
4-Chlorotoluene	10.38	1.0	10.00	0	104	70	130	0			
tert-Butylbenzene	10.29	1.0	10.00	0	103	70	130	0			
1,2,4-Trimethylbenzene	10.09	1.0	10.00	0	101	70	130	0			
sec-Butylbenzene	10.08	1.0	10.00	0	101	70	130	0			
4-Isopropyltoluene	10.08	1.0	10.00	0	101	70	130	0			
1,3-Dichlorobenzene	10.20	1.0	10.00	0	102	70	130	0			
1,4-Dichlorobenzene	10.38	1.0	10.00	0	104	70	130	0			
n-Butylbenzene	10.54	1.0	10.00	0	105	70	130	0			
1,2-Dichlorobenzene	10.85	1.0	10.00	0	108	70	130	0			
1,2-Dibromo-3-chloropropane	14.11	1.0	10.00	0	141	70	130	0			S
1,2,4-Trichlorobenzene	11.43	1.0	10.00	0	114	70	130	0			B
Hexachlorobutadiene	10.10	1.0	10.00	0	101	70	130	0			B
1,2,3-Trichlorobenzene	12.02	1.0	10.00	0	120	70	130	0			B
Naphthalene	13.31	1.0	10.00	0	133	70	130	0			BS
Xylene (Total)	30.54	1.0	30.00	0	102	70	130	0			
Surr: Dibromofluoromethane	9.970	1.0	10.00	0	99.7	70	130	0			
Surr: 1,2-Dichloroethane-d4	11.09	1.0	10.00	0	111	70	130	0			
Surr: Toluene-d8	10.49	1.0	10.00	0	105	70	130	0			
Surr: Bromofluorobenzene	10.26	1.0	10.00	0	103	70	130	0			

2525

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Mitkem Corporation

30/Aug/07 17:42

WorkOrder: F1227

Client ID: OBG
Project: National Heatset
Location:
Comments: Level 2 for air samples

Case:
SDG:
PO: HEATSET

Report Level: ASP-B
EDD: CLF
HC Due: 09/20/07
Fax Due: 09/13/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL Storage
F1227-01A	SVE-EFFLUENT	08/28/2007 11:00	08/30/2007	Air	TO14		☐	☐	☐ VOA

Client Rep: Agnes R Ng

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO		
COMPANY O'Brien & Gere	PHONE 315 437 6100	COMPANY	PHONE	LAB PROJECT #: F1227
NAME Marc Dent	FAX	NAME Same	FAX	
ADDRESS 5000 Brittonfield Pkwy		ADDRESS		TURNAROUND TIME: STD
CITY/ST/ZIP E. Syracuse, NY 13057		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
National Heatset		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TO-14	COMMENTS
SVE-Effluent	8/28/07 1100					Air	01	1	X	
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	David Krige	8/29/07 0800	Fed Ex 8546 1199 3924	8/29/07 0800		4°C
		/	Vanessa Gordon	8/30/07 9:00		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: VEG	Reviewed By: KP	Date: 8/30/07	MITKEM Workorder #: F1227
Client Project: HeatSet		Client: OBG	

1) Cooler Sealed (Yes) / No

2) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

3) Custody Seal Number(s) N/A

4) Chain-of-Custody (Present) / Absent

5) Cooler Temperature 4°C
Coolant Condition ICE

6) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx
8546 1199 3924

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 8/30/07

9) Time Received 9:00

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
F1227	01					A	

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

SampleCond.Form-non-CLP.xls8/9/2007

Last Page of Data Report

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

October 8, 2007

O'Brien & Gere
5000 Brittonfield Parkway
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

RE: Client Project: NYSDEC – National Heatset
Lab Project #: F1359

Dear Mr. Dent:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499 • www.mitkem.com

MITKEM CORPORATION

Report of Laboratory Analyses for O'Brien & Gere

Client Project: National Heatset, 09/18/07

Mitkem Work Order ID: F1359

October 8, 2007

Prepared For:

O'Brien & Gere
5000 Brittonfield Parkway
P. O. Box 4873
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

MITKEM CORPORATION

Client: O'Brien & Gere

Client Project: National Heatset, 09/18/07

Lab Project: F1359

Date samples received: 09/21/07

Project Narrative

This data report includes the analysis results for one (1) air sample in a Tedlar bag that was received from O'Brien & Gere on September 18, 2007. Analyses were performed per specification in the Chain of Custody form, following discussions with the client. For reference, a copy of the Mitkem Work Order form is included for cross-referencing the client sample ID and laboratory sample ID.

All of the analyses were performed according to method specifications, as modified by Mitkem. Surrogate recoveries were within the QC limits. Spike recoveries were within the QC limits with the exception of low recovery of dichlorodifluoromethane, vinyl chloride, 1,2,3-trichlorobenzene and naphthalene. No other unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

This data report has been reviewed and is authorized for release as evidenced by the signature below.

Agnes Ng
CLP Project Manager

Mitkem Corporation

Date: *05-Oct-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1359-01
Project: National Heatset
Collection Date: 09/18/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS				**TO14**			
Dichlorodifluoromethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Chloromethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Vinyl chloride	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Bromomethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Chloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Trichlorofluoromethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1-Dichloroethene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Acetone	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Iodomethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Carbon disulfide	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Methylene chloride	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
trans-1,2-Dichloroethene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Methyl tert-butyl ether	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1-Dichloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Vinyl acetate	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
2-Butanone	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
cis-1,2-Dichloroethene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
2,2-Dichloropropane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Chloroform	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1,1-Trichloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1-Dichloropropene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Carbon tetrachloride	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2-Dichloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Benzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Trichloroethene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2-Dichloropropane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Dibromomethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Bromodichloromethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
cis-1,3-Dichloropropene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
4-Methyl-2-pentanone	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Toluene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
trans-1,3-Dichloropropene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1,2-Trichloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,3-Dichloropropane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Tetrachloroethene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
2-Hexanone	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Dibromochloromethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2-Dibromoethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Chlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1,1,2-Tetrachloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: *05-Oct-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1359-01
Project: National Heatset
Collection Date: 09/18/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS			**TO14**				
Ethylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Xylene (Total)	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Styrene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Bromoform	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Isopropylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,1,2,2-Tetrachloroethane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Bromobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2,3-Trichloropropane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
n-Propylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
2-Chlorotoluene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,3,5-Trimethylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
4-Chlorotoluene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
tert-Butylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2,4-Trimethylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
sec-Butylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
4-Isopropyltoluene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,3-Dichlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,4-Dichlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
n-Butylbenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2-Dichlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2-Dibromo-3-chloropropane	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2,4-Trichlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Hexachlorobutadiene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
1,2,3-Trichlorobenzene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Naphthalene	ND		1.0	mg/m³	1	09/25/2007 22:59	32444
Surr: Dibromofluoromethane	97.9		70-130	%REC	1	09/25/2007 22:59	32444
Surr: 1,2-Dichloroethane-d4	98.5		70-130	%REC	1	09/25/2007 22:59	32444
Surr: Toluene-d8	105		70-130	%REC	1	09/25/2007 22:59	32444
Surr: Bromofluorobenzene	90.2		70-130	%REC	1	09/25/2007 22:59	32444

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside acccpted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: The O'Brien & Gere Companies
Work Order: F1359
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: **TO14**

Sample ID: **MB-32419**	SampType: **MBLK**	TestCode: **TO14**	Prep Date: **09/26/2007**	Run ID: **V8_070925B**	
Client ID: **MB-32419**	Batch ID: **32444**	Units: **mg/m³**	Analysis Date: **09/25/2007**	SeqNo: **700932**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.0									
Chloromethane	ND	1.0									
Vinyl chloride	ND	1.0									
Bromomethane	ND	1.0									
Chloroethane	ND	1.0									
Trichlorofluoromethane	ND	1.0									
1,1-Dichloroethene	ND	1.0									
Acetone	ND	1.0									
Iodomethane	ND	1.0									
Carbon disulfide	ND	1.0									
Methylene chloride	ND	1.0									
trans-1,2-Dichloroethene	ND	1.0									
Methyl tert-butyl ether	ND	1.0									
1,1-Dichloroethane	ND	1.0									
Vinyl acetate	ND	1.0									
2-Butanone	ND	1.0									
cis-1,2-Dichloroethene	ND	1.0									
2,2-Dichloropropane	ND	1.0									
Chloroform	ND	1.0									
1,1,1-Trichloroethane	ND	1.0									
1,1-Dichloropropene	ND	1.0									
Carbon tetrachloride	ND	1.0									
1,2-Dichloroethane	ND	1.0									
Benzene	ND	1.0									
Trichloroethene	ND	1.0									
1,2-Dichloropropane	ND	1.0									
Dibromomethane	ND	1.0									
Bromodichloromethane	ND	1.0									
cis-1,3-Dichloropropene	ND	1.0									
4-Methyl-2-pentanone	ND	1.0									
Toluene	ND	1.0									
trans-1,3-Dichloropropene	ND	1.0									
1,1,2-Trichloroethane	ND	1.0									
1,3-Dichloropropane	ND	1.0									
Tetrachloroethene	ND	1.0									
2-Hexanone	ND	1.0									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1359
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **MB-32419** SampType: **MBLK** TestCode: **TO14** Prep Date: **09/26/2007** Run ID: **V8_070925B**
Client ID: **MB-32419** Batch ID: **32444** Units: **mg/m³** Analysis Date: **09/25/2007** SeqNo: **700932**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.0									
1,2-Dibromoethane	ND	1.0									
Chlorobenzene	ND	1.0									
1,1,1,2-Tetrachloroethane	ND	1.0									
Ethylbenzene	ND	1.0									
Styrene	ND	1.0									
Bromoform	ND	1.0									
Isopropylbenzene	ND	1.0									
1,1,2,2-Tetrachloroethane	ND	1.0									
Bromobenzene	ND	1.0									
1,2,3-Trichloropropane	ND	1.0									
n-Propylbenzene	ND	1.0									
2-Chlorotoluene	ND	1.0									
1,3,5-Trimethylbenzene	ND	1.0									
4-Chlorotoluene	ND	1.0									
tert-Butylbenzene	ND	1.0									
1,2,4-Trimethylbenzene	ND	1.0									
sec-Butylbenzene	ND	1.0									
4-Isopropyltoluene	ND	1.0									
1,3-Dichlorobenzene	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
n-Butylbenzene	ND	1.0									
1,2-Dichlorobenzene	ND	1.0									
1,2-Dibromo-3-chloropropane	ND	1.0									
1,2,4-Trichlorobenzene	ND	1.0									
Hexachlorobutadiene	ND	1.0									
1,2,3-Trichlorobenzene	ND	1.0									
Naphthalene	ND	1.0									
Xylene (Total)	ND	1.0									
Surr: Dibromofluoromethane	9.735	1.0	10.00	0	97.3	70	130	0			
Surr: 1,2-Dichloroethane-d4	9.701	1.0	10.00	0	97.0	70	130	0			
Surr: Toluene-d8	10.45	1.0	10.00	0	105	70	130	0			
Surr: Bromofluorobenzene	9.100	1.0	10.00	0	91.0	70	130	0			

3000

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1359
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-32419**	SampType: **LCS**	TestCode: **TO14**	Prep Date: **09/26/2007**	Run ID: **V8_070925B**	
Client ID: **LCS-32419**	Batch ID: **32444**	Units: **mg/m³**	Analysis Date: **09/25/2007**	SeqNo: **700933**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	4.848	1.0	10.00	0	48.5	70	130	0			S
Chloromethane	7.226	1.0	10.00	0	72.3	70	130	0			
Vinyl chloride	6.782	1.0	10.00	0	67.8	70	130	0			S
Bromomethane	8.455	1.0	10.00	0	84.6	70	130	0			
Chloroethane	8.377	1.0	10.00	0	83.8	70	130	0			
Trichlorofluoromethane	7.265	1.0	10.00	0	72.6	70	130	0			
1,1-Dichloroethene	7.917	1.0	10.00	0	79.2	70	130	0			
Acetone	9.234	1.0	10.00	0	92.3	70	130	0			
Iodomethane	9.453	1.0	10.00	0	94.5	70	130	0			
Carbon disulfide	7.834	1.0	10.00	0	78.3	70	130	0			
Methylene chloride	10.30	1.0	10.00	0	103	70	130	0			
trans-1,2-Dichloroethene	8.938	1.0	10.00	0	89.4	70	130	0			
Methyl tert-butyl ether	10.95	1.0	10.00	0	110	70	130	0			
1,1-Dichloroethane	9.652	1.0	10.00	0	96.5	70	130	0			
Vinyl acetate	10.65	1.0	10.00	0	106	70	130	0			
2-Butanone	10.77	1.0	10.00	0	108	70	130	0			
cis-1,2-Dichloroethene	9.832	1.0	10.00	0	98.3	70	130	0			
2,2-Dichloropropane	9.183	1.0	10.00	0	91.8	70	130	0			
Chloroform	10.14	1.0	10.00	0	101	70	130	0			
1,1,1-Trichloroethane	8.900	1.0	10.00	0	89.0	70	130	0			
1,1-Dichloropropene	8.524	1.0	10.00	0	85.2	70	130	0			
Carbon tetrachloride	8.136	1.0	10.00	0	81.4	70	130	0			
1,2-Dichloroethane	10.57	1.0	10.00	0	106	70	130	0			
Benzene	9.811	1.0	10.00	0	98.1	70	130	0			
Trichloroethene	9.517	1.0	10.00	0	95.2	70	130	0			
1,2-Dichloropropane	10.39	1.0	10.00	0	104	70	130	0			
Dibromomethane	10.88	1.0	10.00	0	109	70	130	0			
Bromodichloromethane	10.46	1.0	10.00	0	105	70	130	0			
cis-1,3-Dichloropropene	10.82	1.0	10.00	0	108	70	130	0			
4-Methyl-2-pentanone	10.32	1.0	10.00	0	103	70	130	0			
Toluene	9.678	1.0	10.00	0	96.8	70	130	0			
trans-1,3-Dichloropropene	10.75	1.0	10.00	0	108	70	130	0			
1,1,2-Trichloroethane	11.02	1.0	10.00	0	110	70	130	0			
1,3-Dichloropropane	10.42	1.0	10.00	0	104	70	130	0			
Tetrachloroethene	9.108	1.0	10.00	0	91.1	70	130	0			
2-Hexanone	9.071	1.0	10.00	0	90.7	70	130	0			
Dibromochloromethane	10.10	1.0	10.00	0	101	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1359
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-32419** SampType: **LCS** TestCode: **TO14** Prep Date: **09/26/2007** Run ID: **V8_070925B**
Client ID: **LCS-32419** Batch ID: **32444** Units: **mg/m³** Analysis Date: **09/25/2007** SeqNo: **700933**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.62	1.0	10.00	0	106	70	130	0			
Chlorobenzene	9.781	1.0	10.00	0	97.8	70	130	0			
1,1,1,2-Tetrachloroethane	10.20	1.0	10.00	0	102	70	130	0			
Ethylbenzene	9.153	1.0	10.00	0	91.5	70	130	0			
Styrene	9.944	1.0	10.00	0	99.4	70	130	0			
Bromoform	9.371	1.0	10.00	0	93.7	70	130	0			
Isopropylbenzene	8.962	1.0	10.00	0	89.6	70	130	0			
1,1,2,2-Tetrachloroethane	10.11	1.0	10.00	0	101	70	130	0			
Bromobenzene	9.878	1.0	10.00	0	98.8	70	130	0			
1,2,3-Trichloropropane	8.324	1.0	10.00	0	83.2	70	130	0			
n-Propylbenzene	8.518	1.0	10.00	0	85.2	70	130	0			
2-Chlorotoluene	9.212	1.0	10.00	0	92.1	70	130	0			
1,3,5-Trimethylbenzene	8.781	1.0	10.00	0	87.8	70	130	0			
4-Chlorotoluene	9.399	1.0	10.00	0	94.0	70	130	0			
tert-Butylbenzene	8.546	1.0	10.00	0	85.5	70	130	0			
1,2,4-Trimethylbenzene	9.105	1.0	10.00	0	91.1	70	130	0			
sec-Butylbenzene	8.110	1.0	10.00	0	81.1	70	130	0			
4-Isopropyltoluene	8.185	1.0	10.00	0	81.9	70	130	0			
1,3-Dichlorobenzene	9.600	1.0	10.00	0	96.0	70	130	0			
1,4-Dichlorobenzene	9.686	1.0	10.00	0	96.9	70	130	0			
n-Butylbenzene	7.923	1.0	10.00	0	79.2	70	130	0			
1,2-Dichlorobenzene	9.842	1.0	10.00	0	98.4	70	130	0			
1,2-Dibromo-3-chloropropane	8.182	1.0	10.00	0	81.8	70	130	0			
1,2,4-Trichlorobenzene	7.530	1.0	10.00	0	75.3	70	130	0			
Hexachlorobutadiene	7.751	1.0	10.00	0	77.5	70	130	0			
1,2,3-Trichlorobenzene	6.678	1.0	10.00	0	66.8	70	130	0			S
Naphthalene	5.555	1.0	10.00	0	55.5	70	130	0			S
Xylene (Total)	27.81	1.0	30.00	0	92.7	70	130	0			
Surr: Dibromofluoromethane	10.80	1.0	10.00	0	108	70	130	0			
Surr: 1,2-Dichloroethane-d4	11.97	1.0	10.00	0	120	70	130	0			
Surr: Toluene-d8	9.678	1.0	10.00	0	96.8	70	130	0			
Surr: Bromofluorobenzene	10.59	1.0	10.00	0	106	70	130	0			

0008

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Mitkem Corporation

24/Sep/07 11:00

WorkOrder: F1359

Client ID: OBG
Project: National Heatset
Location:
Comments: Level 2 for air samples

Case:
SDG:
PO: HEATSET

Report Level: ASP-B
EDD: CLF
HC Due: 10/12/07
Fax Due: 10/05/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL Storage
F1359-01A	SVE-EFFLUENT	09/18/2007 11:00	09/21/2007	Air	TO14		☐	☐	☐ VOA

6999

Client Rep: Agnes R Ng

MITKEM CORPORATION
175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

COMPANY O'Brien & Gere	PHONE 315 437 6100	COMPANY Same	PHONE	LAB PROJECT #: F1359
NAME Marc Dent	FAX	NAME	FAX	
ADDRESS 5000 Brittonfield Pkwy		ADDRESS		TURNAROUND TIME: STD
CITY/ST/ZIP E. Syracuse, NY 13057		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
National Heatset		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TO-14	COMMENTS
SVE-Effluent	9/18/07 1600		X			Air	01	1	X	
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Dan Lipp	9/19/07 1700	FedEx	9/19/07 1700		
		/	Veronica Gaudet	9/20/07 8:45		
		/		/		

0010

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: VEG	Reviewed By: KP	Date: 9/21/07	MITKEM Workorder #: F1359
Client Project: Heatset		Client: OBG	

1) Cooler Sealed (Yes) / No

2) Custody Seal(s) (Present) / Absent
(Coolers) / Bottles
(Intact) / Broken

3) Custody Seal Number(s) N/A

4) Chain-of-Custody (Present) / Absent

5) Cooler Temperature ambient
Coolant Condition

6) Airbill(s) (Present) / Absent
Airbill Number(s) FedEx 8546 1199 3979

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 9/21/07

9) Time Received 8:45

Preservative Name/Lot No:

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
F1359	01					A	

VEG 9/21/07

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

Last Page of Data Report

MITKEM CORPORATION

"Environmental Testing For The New Millennium"

November 13, 2007

O'Brien & Gere
5000 Brittonfield Parkway
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

RE: Client Project: NYSDEC – National Heatset
Lab Project #: F1607

Dear Mr. Dent:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng
CLP Project Manager

175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499 • www.mitkem.com

MITKEM CORPORATION

Report of Laboratory Analyses for O'Brien & Gere

Client Project: National Heatset, 10/31/07

Mitkem Work Order ID: F1607

November 13, 2007

Prepared For:

O'Brien & Gere
5000 Brittonfield Parkway
P. O. Box 4873
Syracuse, NY 13221-4873
Attn: Mr. Marc Dent

Prepared By:

Mitkem Corporation
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

MITKEM CORPORATION

Client: O'Brien & Gere

Client Project: National Heatset, 10/31/07

Lab Project: F1607

Date samples received: 11/01/07

Project Narrative

This data report includes the analysis results for one (1) air sample in a Tedlar bag that was received from O'Brien & Gere on November 1, 2007. Analyses were performed per specification in the Chain of Custody form, following discussions with the client. For reference, a copy of the Mitkem Work Order form is included for cross-referencing the client sample ID and laboratory sample ID.

All of the analyses were performed according to method specifications, as modified by Mitkem. Surrogate recoveries were within the QC limits. Spike recoveries were within the QC limits with the exception of marginally low recovery of dichlorodifluoromethane in the lab control sample and low recovery of dichlorodifluoromethane, chloromethane, vinyl chloride, trichlorofluoromethane, 1,1-dichloroethene, carbon disulfide and 2,2-dichloropropane in the lab control sample duplicate. Replicate RPDs were within the QC limits. No other unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

This data report has been reviewed and is authorized for release as evidenced by the signature below.

Agnes Ng
CLP Project Manager

Mitkem Corporation

Date: *08-Nov-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1607-01

Project: National Heatset
Collection Date: 10/31/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS			**TO14**				
Dichlorodifluoromethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Chloromethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Vinyl chloride	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Bromomethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Chloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Trichlorofluoromethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1-Dichloroethene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Acetone	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Iodomethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Carbon disulfide	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Methylene chloride	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
trans-1,2-Dichloroethene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Methyl tert-butyl ether	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1-Dichloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Vinyl acetate	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
2-Butanone	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
cis-1,2-Dichloroethene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
2,2-Dichloropropane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Chloroform	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1,1-Trichloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1-Dichloropropene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Carbon tetrachloride	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2-Dichloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Benzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Trichloroethene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2-Dichloropropane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Dibromomethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Bromodichloromethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
cis-1,3-Dichloropropene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
4-Methyl-2-pentanone	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Toluene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
trans-1,3-Dichloropropene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1,2-Trichloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,3-Dichloropropane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Tetrachloroethene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
2-Hexanone	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Dibromochloromethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2-Dibromoethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Chlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1,1,2-Tetrachloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

Mitkem Corporation

Date: *08-Nov-07*

Client: The O'Brien & Gere Companies
Client Sample ID: SVE-EFFLUENT
Lab ID: F1607-01

Project: National Heatset
Collection Date: 10/31/07 11:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
TO-14 (Modified) VOA by GC-MS			**TO14**				
Ethylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Xylene (Total)	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Styrene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Bromoform	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Isopropylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,1,2,2-Tetrachloroethane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Bromobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2,3-Trichloropropane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
n-Propylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
2-Chlorotoluene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,3,5-Trimethylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
4-Chlorotoluene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
tert-Butylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2,4-Trimethylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
sec-Butylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
4-Isopropyltoluene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,3-Dichlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,4-Dichlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
n-Butylbenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2-Dichlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2-Dibromo-3-chloropropane	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2,4-Trichlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Hexachlorobutadiene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
1,2,3-Trichlorobenzene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Naphthalene	ND		1.0	mg/m³	1	11/03/2007 16:21	33092
Surr: Dibromofluoromethane	97.1		70-130	%REC	1	11/03/2007 16:21	33092
Surr: 1,2-Dichloroethane-d4	101		70-130	%REC	1	11/03/2007 16:21	33092
Surr: Toluene-d8	108		70-130	%REC	1	11/03/2007 16:21	33092
Surr: Bromofluorobenzene	104		70-130	%REC	1	11/03/2007 16:21	33092

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: **TO14**

Sample ID: **MB-33092** SampType: **MBLK** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **MB-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717521**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.0									
Chloromethane	ND	1.0									
Vinyl chloride	ND	1.0									
Bromomethane	ND	1.0									
Chloroethane	ND	1.0									
Trichlorofluoromethane	ND	1.0									
1,1-Dichloroethene	ND	1.0									
Acetone	ND	1.0									
Iodomethane	ND	1.0									
Carbon disulfide	ND	1.0									
Methylene chloride	ND	1.0									
trans-1,2-Dichloroethene	ND	1.0									
Methyl tert-butyl ether	ND	1.0									
1,1-Dichloroethane	ND	1.0									
Vinyl acetate	ND	1.0									
2-Butanone	ND	1.0									
cis-1,2-Dichloroethene	ND	1.0									
2,2-Dichloropropane	ND	1.0									
Chloroform	ND	1.0									
1,1,1-Trichloroethane	ND	1.0									
1,1-Dichloropropene	ND	1.0									
Carbon tetrachloride	ND	1.0									
1,2-Dichloroethane	ND	1.0									
Benzene	ND	1.0									
Trichloroethene	ND	1.0									
1,2-Dichloropropane	ND	1.0									
Dibromomethane	ND	1.0									
Bromodichloromethane	ND	1.0									
cis-1,3-Dichloropropene	ND	1.0									
4-Methyl-2-pentanone	ND	1.0									
Toluene	ND	1.0									
trans-1,3-Dichloropropene	ND	1.0									
1,1,2-Trichloroethane	ND	1.0									
1,3-Dichloropropane	ND	1.0									
Tetrachloroethene	ND	1.0									
2-Hexanone	ND	1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: **TO14**

Sample ID: **MB-33092** SampType: **MBLK** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **MB-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717521**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.0									
1,2-Dibromoethane	ND	1.0									
Chlorobenzene	ND	1.0									
1,1,1,2-Tetrachloroethane	ND	1.0									
Ethylbenzene	ND	1.0									
Styrene	ND	1.0									
Bromoform	ND	1.0									
Isopropylbenzene	ND	1.0									
1,1,2,2-Tetrachloroethane	ND	1.0									
Bromobenzene	ND	1.0									
1,2,3-Trichloropropane	ND	1.0									
n-Propylbenzene	ND	1.0									
2-Chlorotoluene	ND	1.0									
1,3,5-Trimethylbenzene	ND	1.0									
4-Chlorotoluene	ND	1.0									
tert-Butylbenzene	ND	1.0									
1,2,4-Trimethylbenzene	ND	1.0									
sec-Butylbenzene	ND	1.0									
4-Isopropyltoluene	ND	1.0									
1,3-Dichlorobenzene	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
n-Butylbenzene	ND	1.0									
1,2-Dichlorobenzene	ND	1.0									
1,2-Dibromo-3-chloropropane	ND	1.0									
1,2,4-Trichlorobenzene	ND	1.0									
Hexachlorobutadiene	ND	1.0									
1,2,3-Trichlorobenzene	ND	1.0									
Naphthalene	ND	1.0									
Xylene (Total)	ND	1.0									
Surr: Dibromofluoromethane	9.549	1.0	10.00	0	95.5	70	130	0			
Surr: 1,2-Dichloroethane-d4	9.698	1.0	10.00	0	97.0	70	130	0			
Surr: Toluene-d8	10.75	1.0	10.00	0	108	70	130	0			
Surr: Bromofluorobenzene	9.965	1.0	10.00	0	99.7	70	130	0			

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Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-33092** SampType: **LCS** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **LCS-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717522**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	6.653	1.0	10.00	0	66.5	70	130	0			S
Chloromethane	7.532	1.0	10.00	0	75.3	70	130	0			
Vinyl chloride	7.265	1.0	10.00	0	72.7	70	130	0			
Bromomethane	8.041	1.0	10.00	0	80.4	70	130	0			
Chloroethane	7.718	1.0	10.00	0	77.2	70	130	0			
Trichlorofluoromethane	7.574	1.0	10.00	0	75.7	70	130	0			
1,1-Dichloroethene	7.447	1.0	10.00	0	74.5	70	130	0			
Acetone	11.11	1.0	10.00	0	111	70	130	0			
Iodomethane	7.984	1.0	10.00	0	79.8	70	130	0			
Carbon disulfide	7.560	1.0	10.00	0	75.6	70	130	0			
Methylene chloride	9.086	1.0	10.00	0	90.9	70	130	0			
trans-1,2-Dichloroethene	8.521	1.0	10.00	0	85.2	70	130	0			
Methyl tert-butyl ether	9.917	1.0	10.00	0	99.2	70	130	0			
1,1-Dichloroethane	8.635	1.0	10.00	0	86.4	70	130	0			
Vinyl acetate	9.142	1.0	10.00	0	91.4	70	130	0			
2-Butanone	10.42	1.0	10.00	0	104	70	130	0			
cis-1,2-Dichloroethene	9.090	1.0	10.00	0	90.9	70	130	0			
2,2-Dichloropropane	7.572	1.0	10.00	0	75.7	70	130	0			
Chloroform	8.761	1.0	10.00	0	87.6	70	130	0			
1,1,1-Trichloroethane	8.389	1.0	10.00	0	83.9	70	130	0			
1,1-Dichloropropene	8.271	1.0	10.00	0	82.7	70	130	0			
Carbon tetrachloride	8.009	1.0	10.00	0	80.1	70	130	0			
1,2-Dichloroethane	9.043	1.0	10.00	0	90.4	70	130	0			
Benzene	8.978	1.0	10.00	0	89.8	70	130	0			
Trichloroethene	8.343	1.0	10.00	0	83.4	70	130	0			
1,2-Dichloropropane	9.181	1.0	10.00	0	91.8	70	130	0			
Dibromomethane	9.671	1.0	10.00	0	96.7	70	130	0			
Bromodichloromethane	9.131	1.0	10.00	0	91.3	70	130	0			
cis-1,3-Dichloropropene	9.212	1.0	10.00	0	92.1	70	130	0			
4-Methyl-2-pentanone	10.24	1.0	10.00	0	102	70	130	0			
Toluene	9.207	1.0	10.00	0	92.1	70	130	0			
trans-1,3-Dichloropropene	9.297	1.0	10.00	0	93.0	70	130	0			
1,1,2-Trichloroethane	9.638	1.0	10.00	0	96.4	70	130	0			
1,3-Dichloropropane	10.38	1.0	10.00	0	104	70	130	0			
Tetrachloroethene	9.978	1.0	10.00	0	99.8	70	130	0			
2-Hexanone	10.94	1.0	10.00	0	109	70	130	0			
Dibromochloromethane	10.19	1.0	10.00	0	102	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCS-33092** SampType: **LCS** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **LCS-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717522**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.42	1.0	10.00	0	104	70	130	0			
Chlorobenzene	9.684	1.0	10.00	0	96.8	70	130	0			
1,1,1,2-Tetrachloroethane	9.655	1.0	10.00	0	96.5	70	130	0			
Ethylbenzene	9.496	1.0	10.00	0	95.0	70	130	0			
Styrene	10.16	1.0	10.00	0	102	70	130	0			
Bromoform	11.23	1.0	10.00	0	112	70	130	0			
Isopropylbenzene	9.745	1.0	10.00	0	97.5	70	130	0			
1,1,2,2-Tetrachloroethane	10.82	1.0	10.00	0	108	70	130	0			
Bromobenzene	9.511	1.0	10.00	0	95.1	70	130	0			
1,2,3-Trichloropropane	10.53	1.0	10.00	0	105	70	130	0			
n-Propylbenzene	9.129	1.0	10.00	0	91.3	70	130	0			
2-Chlorotoluene	8.857	1.0	10.00	0	88.6	70	130	0			
1,3,5-Trimethylbenzene	9.706	1.0	10.00	0	97.1	70	130	0			
4-Chlorotoluene	8.982	1.0	10.00	0	89.8	70	130	0			
tert-Butylbenzene	9.255	1.0	10.00	0	92.5	70	130	0			
1,2,4-Trimethylbenzene	9.784	1.0	10.00	0	97.8	70	130	0			
sec-Butylbenzene	9.510	1.0	10.00	0	95.1	70	130	0			
4-Isopropyltoluene	9.381	1.0	10.00	0	93.8	70	130	0			
1,3-Dichlorobenzene	9.524	1.0	10.00	0	95.2	70	130	0			
1,4-Dichlorobenzene	9.642	1.0	10.00	0	96.4	70	130	0			
n-Butylbenzene	9.535	1.0	10.00	0	95.3	70	130	0			
1,2-Dichlorobenzene	9.649	1.0	10.00	0	96.5	70	130	0			
1,2-Dibromo-3-chloropropane	10.76	1.0	10.00	0	108	70	130	0			
1,2,4-Trichlorobenzene	9.927	1.0	10.00	0	99.3	70	130	0			
Hexachlorobutadiene	9.403	1.0	10.00	0	94.0	70	130	0			
1,2,3-Trichlorobenzene	10.46	1.0	10.00	0	105	70	130	0			
Naphthalene	10.52	1.0	10.00	0	105	70	130	0			
Xylene (Total)	29.14	1.0	30.00	0	97.1	70	130	0			
Surr: Dibromofluoromethane	9.417	1.0	10.00	0	94.2	70	130	0			
Surr: 1,2-Dichloroethane-d4	9.696	1.0	10.00	0	97.0	70	130	0			
Surr: Toluene-d8	10.71	1.0	10.00	0	107	70	130	0			
Surr: Bromofluorobenzene	10.73	1.0	10.00	0	107	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCSD-33092** SampType: **LCSD** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **LCSD-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	5.606	1.0	10.00	0	56.1	70	130	6.653	17.1	40	S
Chloromethane	6.822	1.0	10.00	0	68.2	70	130	7.532	9.89	40	S
Vinyl chloride	6.475	1.0	10.00	0	64.8	70	130	7.265	11.5	40	S
Bromomethane	7.097	1.0	10.00	0	71.0	70	130	8.041	12.5	40	
Chloroethane	7.260	1.0	10.00	0	72.6	70	130	7.718	6.12	40	
Trichlorofluoromethane	6.833	1.0	10.00	0	68.3	70	130	7.574	10.3	40	S
1,1-Dichloroethene	6.876	1.0	10.00	0	68.8	70	130	7.447	7.98	40	S
Acetone	9.951	1.0	10.00	0	99.5	70	130	11.11	11	40	
Iodomethane	7.382	1.0	10.00	0	73.8	70	130	7.984	7.84	40	
Carbon disulfide	6.504	1.0	10.00	0	65.0	70	130	7.560	15	40	S
Methylene chloride	8.483	1.0	10.00	0	84.8	70	130	9.086	6.86	40	
trans-1,2-Dichloroethene	7.590	1.0	10.00	0	75.9	70	130	8.521	11.6	40	
Methyl tert-butyl ether	9.104	1.0	10.00	0	91.0	70	130	9.917	8.55	40	
1,1-Dichloroethane	7.759	1.0	10.00	0	77.6	70	130	8.635	10.7	40	
Vinyl acetate	8.347	1.0	10.00	0	83.5	70	130	9.142	9.1	40	
2-Butanone	9.864	1.0	10.00	0	98.6	70	130	10.42	5.47	40	
cis-1,2-Dichloroethene	8.363	1.0	10.00	0	83.6	70	130	9.090	8.33	40	
2,2-Dichloropropane	6.791	1.0	10.00	0	67.9	70	130	7.572	10.9	40	S
Chloroform	8.047	1.0	10.00	0	80.5	70	130	8.761	8.49	40	
1,1,1-Trichloroethane	7.509	1.0	10.00	0	75.1	70	130	8.389	11.1	40	
1,1-Dichloropropene	7.489	1.0	10.00	0	74.9	70	130	8.271	9.92	40	
Carbon tetrachloride	7.300	1.0	10.00	0	73.0	70	130	8.009	9.25	40	
1,2-Dichloroethane	8.310	1.0	10.00	0	83.1	70	130	9.043	8.44	40	
Benzene	8.281	1.0	10.00	0	82.8	70	130	8.978	8.08	40	
Trichloroethene	8.014	1.0	10.00	0	80.1	70	130	8.343	4.02	40	
1,2-Dichloropropane	8.532	1.0	10.00	0	85.3	70	130	9.181	7.33	40	
Dibromomethane	8.800	1.0	10.00	0	88.0	70	130	9.671	9.42	40	
Bromodichloromethane	8.399	1.0	10.00	0	84.0	70	130	9.131	8.35	40	
cis-1,3-Dichloropropene	8.526	1.0	10.00	0	85.3	70	130	9.212	7.72	40	
4-Methyl-2-pentanone	9.300	1.0	10.00	0	93.0	70	130	10.24	9.65	40	
Toluene	8.483	1.0	10.00	0	84.8	70	130	9.207	8.18	40	
trans-1,3-Dichloropropene	8.592	1.0	10.00	0	85.9	70	130	9.297	7.88	40	
1,1,2-Trichloroethane	9.100	1.0	10.00	0	91.0	70	130	9.638	5.74	40	
1,3-Dichloropropane	9.606	1.0	10.00	0	96.1	70	130	10.38	7.72	40	
Tetrachloroethene	9.034	1.0	10.00	0	90.3	70	130	9.978	9.94	40	
2-Hexanone	10.06	1.0	10.00	0	101	70	130	10.94	8.44	40	
Dibromochloromethane	9.552	1.0	10.00	0	95.5	70	130	10.19	6.44	40	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: The O'Brien & Gere Companies
Work Order: F1607
Project: National Heatset

ANALYTICAL QC SUMMARY REPORT

TestCode: TO14

Sample ID: **LCSD-33092** SampType: **LCSD** TestCode: **TO14** Prep Date: **11/03/2007** Run ID: **V1_071103C**
Client ID: **LCSD-33092** Batch ID: **33092** Units: **mg/m³** Analysis Date: **11/03/2007** SeqNo: **717523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	9.689	1.0	10.00	0	96.9	70	130	10.42	7.25	40	
Chlorobenzene	8.930	1.0	10.00	0	89.3	70	130	9.684	8.1	40	
1,1,1,2-Tetrachloroethane	9.179	1.0	10.00	0	91.8	70	130	9.655	5.06	40	
Ethylbenzene	9.002	1.0	10.00	0	90.0	70	130	9.496	5.34	40	
Styrene	9.295	1.0	10.00	0	93.0	70	130	10.16	8.92	40	
Bromoform	10.39	1.0	10.00	0	104	70	130	11.23	7.85	40	
Isopropylbenzene	8.884	1.0	10.00	0	88.8	70	130	9.745	9.24	40	
1,1,2,2-Tetrachloroethane	9.867	1.0	10.00	0	98.7	70	130	10.82	9.22	40	
Bromobenzene	8.721	1.0	10.00	0	87.2	70	130	9.511	8.66	40	
1,2,3-Trichloropropane	9.797	1.0	10.00	0	98.0	70	130	10.53	7.24	40	
n-Propylbenzene	8.118	1.0	10.00	0	81.2	70	130	9.129	11.7	40	
2-Chlorotoluene	8.086	1.0	10.00	0	80.9	70	130	8.857	9.1	40	
1,3,5-Trimethylbenzene	8.728	1.0	10.00	0	87.3	70	130	9.706	10.6	40	
4-Chlorotoluene	8.171	1.0	10.00	0	81.7	70	130	8.982	9.46	40	
tert-Butylbenzene	8.391	1.0	10.00	0	83.9	70	130	9.255	9.78	40	
1,2,4-Trimethylbenzene	8.696	1.0	10.00	0	87.0	70	130	9.784	11.8	40	
sec-Butylbenzene	8.465	1.0	10.00	0	84.6	70	130	9.510	11.6	40	
4-Isopropyltoluene	8.410	1.0	10.00	0	84.1	70	130	9.381	10.9	40	
1,3-Dichlorobenzene	8.717	1.0	10.00	0	87.2	70	130	9.524	8.86	40	
1,4-Dichlorobenzene	8.604	1.0	10.00	0	86.0	70	130	9.642	11.4	40	
n-Butylbenzene	8.487	1.0	10.00	0	84.9	70	130	9.535	11.6	40	
1,2-Dichlorobenzene	8.669	1.0	10.00	0	86.7	70	130	9.649	10.7	40	
1,2-Dibromo-3-chloropropane	9.627	1.0	10.00	0	96.3	70	130	10.76	11.1	40	
1,2,4-Trichlorobenzene	9.121	1.0	10.00	0	91.2	70	130	9.927	8.46	40	
Hexachlorobutadiene	8.749	1.0	10.00	0	87.5	70	130	9.403	7.21	40	
1,2,3-Trichlorobenzene	9.371	1.0	10.00	0	93.7	70	130	10.46	11	40	
Naphthalene	9.853	1.0	10.00	0	98.5	70	130	10.52	6.59	40	
Xylene (Total)	26.68	1.0	30.00	0	88.9	70	130	29.14	8.82	40	
Surr: Dibromofluoromethane	9.713	1.0	10.00	0	97.1	70	130	0			
Surr: 1,2-Dichloroethane-d4	9.949	1.0	10.00	0	99.5	70	130	0			
Surr: Toluene-d8	10.72	1.0	10.00	0	107	70	130	0			
Surr: Bromofluorobenzene	10.80	1.0	10.00	0	108	70	130	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Mitkem Corporation

02/Nov/07 19:48

WorkOrder: F1607

Client ID: OBG
Project: National Heatset
Location:
Comments: Level 2 for air samples

Case:
SDG:
PO: HEATSET

Report Level: ASP-B
EDD: CLF
HC Due: 11/23/07
Fax Due: 11/16/07

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F1607-01A	SVE-EFFLUENT	10/31/2007 11:00	11/02/2007	Air	TO14		☐	☐	☐	VOA

Client Rep: Agnes R Ng

MITKEM CORPORATION

175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO		
COMPANY O'Brien + Gere	PHONE (315) 437 6100	COMPANY Same	PHONE	LAB PROJECT #: F1607
NAME Marc Dent	FAX	NAME	FAX	
ADDRESS 5000 Brittonfield Pkwy		ADDRESS		TURNAROUND TIME: STD
CITY/ST/ZIP E. Syracuse, NY 13057		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
National Heatset		

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TO-14											COMMENTS
SVE-Effluent	10/31/07 1100		X			Air	01	1	X											
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TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	[signature]	11/1/07 0900	FedEx 8546 1199 4092	11/1/07 0900		[initials] 11/2/07 ambient
		/	[signature]	11/2/07 /		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: UEG	Reviewed By: KP	Date: 11/02/07	MITKEM Workorder #: F1607
Client Project: HeatSet		Client: OBG	

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
F1607	01					A	

1) Cooler Sealed (Yes / No)

2) Custody Seal(s) (Present / Absent)
(Coolers / Bottles)
(Intact / Broken)

3) Custody Seal Number(s) N/A

4) Chain-of-Custody (Present / Absent)

5) Cooler Temperature 4°C Ambient
UEG 11/02/07
Coolant Condition

6) Airbill(s) (Present / Absent)
Airbill Number(s) FedEx
854611994092

7) Sample Bottles (Intact/Broken/Leaking)

8) Date Received 11/02/07

9) Time Received 9:00

Preservative Name/Lot No:

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

Last Page of Data Report