NATURAL RESOURCE TECHNOLOGY
ENVIRONMENTAL CONSULTANTS

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Mr. Ross del Rosario
USEPA Region 5 – SR6J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

March 11, 2012
2037

RE: February 2012 Monthly Progress Report
Former Crawford Station MGP Site
Chicago, Illinois
Peoples Gas Light and Coke Company

CERCLA Docket No. V-W-08-C-917 and V-W-11-C-981
CERCLIS ID – ILN0000510192

Dear Mr. del Rosario:

On behalf of Integrys Business Support, LLC (IBS), Natural Resource Technology, Inc. (NRT) is providing this Monthly Progress Report for the Former Crawford Station Manufactured Gas Plant (MGP) Site. This report encompasses the Removal Action work and the Remedial Investigation/Feasibility Study (RI/FS) activities that are being performed concurrently.

I. Time Critical Removal Action (AOC V-W-11-C-981)

1) Progress Made During the Past Month

- The Removal Action on Parcels A, B & O is underway in accordance with the USEPA-approved Removal Action Work Plan, Rev. 1 (RAWP).
- Permit applications have been filed for construction with the City of Chicago Office of Underground Construction (OUC); delays have been experienced in receipt of permit approvals from the City of Chicago. Verbal approval has been given authorizing shallow (less than 10 feet bgs) excavations.
- Permit applications for wastewater discharge authorization from the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) have been reviewed and permit approval is pending. A permit application for wastewater discharge to the City's interceptor sewer has been filed with the City of Chicago Department of Buildings (Sewer Section). Permit is approved pending signature.
- Soil excavation and removal has begun. A total of 31,575.02 tons of soil have been excavated and transported to Waste Managements' Laraway Road RDF for disposal.
- Contractors have mobilized to the site for excavation activities and construction of sheetpile wall. Sheetpiles have been installed along the western property boundary and along the south wall of excavation area.
- Construct padding to protect high-pressure gas lines from vehicle traffic. Padding consists of crane mats covered with gravel. Padding has been installed and is maintained as needed.
- Completed and submitted January monthly progress report to USEPA on February 10, 2012.

- Full Scale Startup Air Monitoring was conducted consisting of12-hour SUMMA samples and continuous monitoring of PM_{10} were collected at one upwind and two downwind locations. Two sampling events were conducted each week for the first four weeks.

- Soil samples were collected from the walls and base of the excavations at the frequency outlined in the Removal Action Work Plan.

- Completed Supplemental Quality Assurance Project Plan consistent with UFP-QAPP Manual for TestAmerica Laboratories and submitted to USEPA.

- USEPA conducted three site visits. Ross del Rosario and Lauren Martin (CH_2M-Hill) visited on February 2, 2012. During the initial site visit, USEPA indicated that full time oversight by a USEPA contractor would not be provided for the project; however, periodic site visits by various USEPA RPMs would be conducted for oversight purposes. Subsequent site visits by USEPA RPM Jim Hahnenberg occurred on February 23, 2012 and Ross del Rosario and Dave Klatt (CH_2M-Hill) visited the site on February 29, 2010.

2) Analytical and Other Testing Results Received

- Full Scale Startup Air Monitoring Events sampling data is provided in tabular form as Attachment No. 1.

- Post-Excavation soil sample data that was received in February is provided in tabular form as Attachment No. 2

3) Project Work Next Month

IBS Actions

- Continue soil excavation activities and hauling to Waste Management's Laraway Road RDF.

- Transition to Full Scale Perimeter Air Monitoring consisting one 12-hour SUMMA and PM_{10} monitoring and sampling event per week.

- Conduct Periodic Real-Time Air Monitoring with portable and hand-held equipment during construction activities.

- Conduct Post-Excavation Soil sampling for every 50 feet of wall and 2,500 square feet of floor.

USEPA Actions

- Review and approve or comment on Supplemental Quality Assurance Project Plan for Test America submitted by NRT.

4) Anticipated Schedule

Deliverable or Milestone	Target Date	Actual Date
Settlement Agreement Signed	--	October 12, 2011
Project Start Date		October 12, 2011
Monthly Progress Reports	Due the 11th of Each	

Deliverable or Milestone	Target Date	Actual Date
	Month	
Removal Action Work Plan, Rev 0[1]		August 1, 2011
Removal Action Work Plan, Rev. 1[1]		September 6, 2011
USEPA Approval of RAWP[1]		September 8, 2011
Removal Action – Start Date	November 2011	January 31, 2012
Removal Action – Completion Date	Late Summer 2012	
[1] Removal Action Work Plan documents were prepared pursuant to AOC V-W-08-C-917		

5) Problems or Potential Problems Encountered

- Odor and elevated PID readings (greater than 3.0 ppm) were observed near edge of excavation.

6) Actual or Planned Resolution of Problems or Potential Problems

- Foam suppressants and wood chips were used to limit odor and vapors.

II. RI/FS Activities (AOC V-W-08-C-917)

1) Progress Made During the Past Month

- The draft SSWP was prepared to outline the work for the RI/FS. The initial work plan will specifically address the investigative work for the Phase I parcels (Parcels K, O, P and Q&U) as discussed at the pre-scoping/planning meeting on January 24, 2012. The draft SSWP was submitted to internal review by I BS on March 1, 2012.

2) Analytical and Other Testing Results Received

- None.

3) Project Work Next Month

<u>IBS Actions</u>

- The Phase I SSWP for Parcels Q&U, O, P and K is in progress and is proceeding based upon the phasing plan discussed with USEPA during the above referenced scoping meeting. The Phase I SSWP is due to be submitted to USEPA on March 14, 2012.

<u>USEPA Actions</u>

- Comments on the Completion Report and Addendum No. 1 were issued by USEPA on February 27, 2012. A response deadline of April 12, 2012 (45 days) was established. IBS intends to address the comments concurrent with the submittal of the SSWP on March 14, 2012, to the extent practicable.

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4) Anticipated Schedule

Deliverable or Milestone	Target Date	Actual Date
Settlement Agreement Signed	--	October 31, 2008
Project Start Date		December 15, 2011
Monthly Progress Reports	Due the 14th of Each Month	
Completion Report , Rev. 0	December 15, 2011	December 23, 2012
Pre-Site Specific Scoping Meeting	January 24, 2012	January 24, 2012
Site Specific Work Plan, Rev. 0	March 14, 2012	
Receive USEPA Comments on SSWP, Rev. 0	May 14, 2012	
Site Specific Work Plan, Rev. 1	June 28, 2012	
USEPA Approves SSWP, Rev. 1	July 29, 2012	
RI/FS (Parcel Group 1)	July 2012 to Sept. 2014	

5) Problems or Potential Problems Encountered

- None. See schedule comment above.

6) Actual or Planned Resolution of Problems or Potential Problems

- None.

Please contact Mr. Naren Prasad of IBS at 312.240.4569 if you should have any questions regarding the content of this progress report.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

John M. Nardozzi, P.E.
Principal Engineer

Timothy B. Norris, PG
Geologist

Attachments:

Attachment No. 1 – Full Scale Startup Air Monitoring Data
Attachment No. 2 – Post-Excavation Soil Sample Data

cc: D. Wilson, IEPA (via US Mail and email)
Mr. Naren Prasad, Integrys (via email)
Mr. David Klatt, CH2M Hill (via email)
Ms. Jennifer Kahler, NRT

Attachment No. 1

Full Scale Startup Air Monitoring

Attachment No. 1
Full Scale Startup Air Monitoring
Former Crawford Station MGP Site, Chicago, Illinois
Peoples Gas Light and Coke Company
ILN0000510192

Air Station	Client ID	Sample Collection Date	Benzene		Ethylbenzene		Total Xylenes		Toluene		Naphthalene	
			ug/m^3		ug/m^3		ug/m^3		ug/m^3		ug/m^3	
South	120131001	01/31/2012	0.95	U	1.4	U	4.1	U	1.3	U	1.4	U
East	120131002	01/31/2012	1.1	U	1.7	U	4.9	U	1.5	U	1.7	U
North	120131003	01/31/2012	1.2	U	1.8	U	5.1	U	1.6	U	1.8	U
South	120201001	02/01/2012	1.1	U	1.6	U	4.7	U	1.4	U	1.6	U
East	120201002	02/01/2012	0.85	U	1.3	U	3.7	U	1.1	U	1.3	U
North	120201003	02/01/2012	1	U	1.5	U	4.5	U	1.4	U	1.5	U
East	120207001	02/07/2012	0.88		1.2	U	3.6	U	2.1		1.2	U
South	120207002	02/07/2012	1.4		1.2	U	3.6	U	1.6		1.2	U
North	120207003	02/07/2012	0.95	U	1.4	U	4.1	U	1.6		1.4	U
West	120208001	02/08/2012	0.94	U	1.4	U	4.1	U	3.5		1.4	U
South	120208002	02/08/2012	0.99	U	1.5	U	4.3	U	1.3	U	1.5	U
East	120208003	02/08/2012	1	U	1.5	U	4.4	U	1.4	U	1.5	U
East	120215001	02/15/2012	0.99	U	1.5	U	4.3	U	1.3	U	1.5	U
East	120215002	02/15/2012	1.1	U	1.7	U	4.8	U	1.5	U	1.7	U
South	120215003	02/15/2012	1	U	1.5	U	4.3	U	1.3	U	1.5	U
North	120215004	02/15/2012	6.4		3.5		6.3		6.6		26	
North	120216001	02/16/2012	1.1	U	1.6	U	4.7	U	1.4	U	1.6	U
South	120216002	02/16/2012	1.1		1.5		4.3	U	1.8		1.5	U
East	120216003	02/16/2012	2.2		1.5		4.4	U	2.4		4.4	
North	120221002	02/21/2012	3.4		1.5	U	4.3	U	2.4		7.1	
South	120221003	02/21/2012	1.8		1.6	U	4.5	U	1.4	U	1.6	U
East	120221004	02/21/2012	0.95		1.3	U	3.7	U	1.1	U	1.3	U
East	120222001	02/22/2012	1.2		1.5	U	4.3	U	1.5		3.4	
South	120222002	02/22/2012	0.97	U	1.5	U	4.2	U	1.3	U	1.5	U
North	120222003	02/22/2012	3.7		1.9		4.5	U	3.5		13	

U = "under" or less than reported value.

Attachment No. 2

Post Excavation Soil Samples

Attachment No. 2
Post Excavation Soil Samples
Former Crawford Station MGP Site, Chicago, Illinois
Peoples Gas Light and Coke Company
ILN0000510192

Client Project	Lab ID	Sample ID	Sample Location	Sample Depth	Collected Date	Anthracene	Silver	Dibenz(a,h)anthracene	Aluminum	Acenaphthylene	Iron	Toluene	Xylene (Total)	Benzo(b)fluoranthene	Manganese	Naphthalene	Arsenic	Pyrene	Methyl-tert-butyl ether	Benzene	Chrysene	Chromium	3&4-Methylphenol(m&p Cresol)	TPH (C06-C10)	Nickel	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Fluoranthene	Cyanide	Antimony	Fractional Organic Carbon	Acenaphthene	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
2037 CRAWFORD	4056351001	120131004	EB-001	8	01/31/2012 12:50	0.0222 J	0.12 J	0.0106 J	17100	0.0117 J	24400	0.0107U	0.0343U	0.0482	216	0.277	7.3	0.0846	0.0145U	0.0156U	0.0649	27.6	0.0242U	5.6U	35.1	0.0264U	0.0128U	0.112	0.42U	0.43 J	NA*	0.0075 J	71.1
2037 CRAWFORD	4056351002	120131005	EB-002	8	01/31/2012 13:40	0.0286U	0.087 J	0.0335U	12700	0.0196U	23700	0.0094U	0.0303U	0.0532 J	408	0.0559 J	10.1	0.0818 J	0.0128U	0.0138U	0.0631 J	23.3	0.128U	9.4 J	36.4	0.0233U	0.0113U	0.115 J	0.52 J	0.29 J	NA*	0.0173U	61.5
2037 CRAWFORD	4056351003	120131006	EW-001	5	01/31/2012 17:00	1.60	0.15 J	2.52	5020	1.21	31300	0.117	0.281	12.0	282	5.68	7.8	12.1	0.0128U	0.0195 J	11.0	18.5	0.128U	18.2	22.5	0.128	0.0441 J	14.6	2.8	8.6	NA*	0.326 J	271
2037 CRAWFORD	4056351004	120131007	EW-002	5	01/31/2012 17:06	4.66	0.18 J	8.89	2960	0.828 J	85900	0.249	0.617	40.8	406	3.98	89.6	51.5	0.0174U	0.0509	41.7	34.4	0.455U	12.8 J	30.8	0.326	0.0942	51.4	0.39 J	5.4	NA*	1.29 J	114
2037 CRAWFORD	4056351005	120201004	EB-003	8	02/01/2012 09:35	0.0048U	0.052 J	0.0056U	12500	0.0033U	23700	0.0095U	0.0306U	0.0036U	407	0.0090 J	9.6	0.0063 J	0.0129U	0.0139U	0.0040 J	23.6	0.0216U	5.0U	34.4	0.0236U	0.0114U	0.0103U	0.22U	0.24 J	NA*	0.0029U	59.6
2037 CRAWFORD	4056351006	120201005	EB-004	8	02/01/2012 09:55	0.0048U	0.059 J	0.0057U	12900	0.0033U	23200	0.0096U	0.0308U	0.0036U	433	0.0063 J	8.2	0.0038U	0.0130U	0.0140U	0.0038U	24.5	0.0217U	5.0U	35.4	0.0237U	0.0115U	0.0104U	0.21U	0.17U	NA*	0.0029U	57.1
2037 CRAWFORD	4056351007	120201006	EW-003	5	02/01/2012 14:30	0.603	0.22 J	0.748	1490	0.371 J	31500	0.114 J	0.407	3.18	163	3.20	11.5	3.52	0.0273U	0.0315 J	3.19	18.3	0.123U	14.3	16.6	0.276	0.103 J	4.07	0.89	8.1	NA*	0.161 J	65.4
2037 CRAWFORD	4056351008	120201007	EW-004	6	02/01/2012 14:35	0.0046U	0.051 J	0.0054U	11900	0.0032U	23200	0.0094U	0.0301U	0.0034U	455	0.0107 J	9.9	0.0037U	0.0127U	0.0137U	0.0040 J	22.4	0.0208U	5.3U	35.2	0.0232U	0.0112U	0.0100U	0.39U	0.21 J	NA*	0.0028U	52.4
2037 CRAWFORD	4056351009	120201008	EW-005	6	02/01/2012 14:40	0.0281	0.047 J	0.0121 J	12600	0.0216	24700	0.0093U	0.0298U	0.0509	396	0.0246	9.5	0.0808	0.0126U	0.0135U	0.0571	23.9	0.0210U	7.5 J	36.2	0.0229U	0.0111U	0.116	0.28U	0.18 J	NA*	0.0029 J	59.0
2037 CRAWFORD	4056351010	120201009	EW-006	5	02/01/2012 14:50	0.0046U	0.054 J	0.0053U	11900	0.0031U	22300	0.0092U	0.0295U	0.0034U	318	0.0034U	10.3	0.0036U	0.0125U	0.0134U	0.0040 J	22.8	0.0204U	5.4 J	34.9	0.0227U	0.0110U	0.0098U	0.22U	0.21 J	NA*	0.0028U	57.1
2037 CRAWFORD	4056351011	120201010	EW-007	4	02/01/2012 14:55	0.0182 J	0.050 J	0.0093 J	11500	0.0120 J	24300	0.0101U	0.0324U	0.0446	403	0.0490	9.3	0.0527	0.0137U	0.0147U	0.0449	21.9	0.0208U	6.6 J	35.3	0.0250U	0.0121U	0.0647	0.36U	0.29 J	NA*	0.0035 J	60.8
2037 CRAWFORD	4056351012	120201011	EW-008	5	02/01/2012 15:00	0.181	0.053 J	0.158	11100	0.390	24500	0.0245 J	0.0302U	0.590	391	0.291	9.8	1.14	0.0127U	0.0137U	0.669	25.8	0.0213U	5.0U	34.4	0.0232U	0.0113U	1.19	1.7	0.33 J	NA*	0.0599	75.9
2037 CRAWFORD	4056602001	120208004	EB-005	10	02/08/2012 10:15	3.59	0.048 J	0.287 J	8690	5.93	21900	0.0554 J	2.04	0.772 J	426	11.0	14.1	4.18	0.0620U	0.118 J	2.36	15.9	0.414U	32.5 J	36.8	1.45	0.315	2.92	0.74	0.43 J	NA*	1.40	52.9
2037 CRAWFORD	4056602002	120208005	EW-009	6	02/08/2012 10:20	0.0134 J	0.027 J	0.0057U	17000	0.0117 J	28900	0.0096U	0.0309U	0.0136 J	433	0.0334	11.3	0.0337	0.0130U	0.0140U	0.0198 J	28.0	0.0218U	5.0U	39.8	0.0238U	0.0115U	0.0367	1.3	0.34 J	NA*	0.0036 J	60.2
2037 CRAWFORD	4056679001	120209001	EW-010	6	02/09/2012 10:30	0.740	0.069 J	0.129	14400	0.303	27000	0.0092U	0.0296U	0.560	585	0.0981 J	12.8	1.52	0.0125U	0.0135U	0.899	24.8	0.0209U	14.9	36.8	0.0228U	0.0110U	2.19	0.34U	0.66 J	NA*	0.0226 J	62.7
2037 CRAWFORD	4056679002	120209002	EW-011	5	02/09/2012 11:00	0.0181 J	0.13 J	0.0055U	13300	0.0118 J	27600	0.0094U	0.0301U	0.0089 J	367	0.108	15.5	0.0282	0.0127U	0.0137U	0.0212	23.6	0.0212U	6.7 J	35.7	0.0231U	0.0112U	0.0298	0.24U	0.56 J	NA*	0.0141 J	56.3
2037 CRAWFORD	4056679003	120209003	EB-006	10	02/09/2012 12:30	0.0145 J	0.053 J	0.0052U	8860	0.0077 J	18500	0.0088U	0.0281U	0.0056 J	319	0.218	7.9	0.0199	0.0119U	0.0128U	0.0234	17.7	0.0198U	4.6U	21.7	0.0217U	0.0105U	0.0154 J	0.75U	0.22 J	NA*	0.0188 J	37.6
2037 CRAWFORD	4056770001	120213001	EW-012	10	02/13/2012 09:00	11.5	0.091 J	0.887U	14900	2.70 J	27400	12.9 J	113	2.00 J	349	72.4	9.6	11.7	5.09U	12.1	5.67	26.3	1.70U	525 J	37.7	75.9	22.2 J	7.64	0.34U	1.0 J	NA*	21.3	66.4
2037 CRAWFORD	4056770002	120213002	EB-007	10	02/13/2012 12:40	2.75	0.087 J	0.547U	10400	5.47	24400	1.38 J	15.9	0.348U	345	43.9	15.6	2.08	1.00U	3.29	0.829 J	18.8	1.05U	108 J	31.0	7.68	1.85 J	1.56 J	0.37 J	0.61 J	NA*	0.841 J	50.1
2037 CRAWFORD	4056770003	120213003	EB-008	10	02/13/2012 12:50	0.131 J	0.053 J	0.0686U	8350	1.24	21300	0.0284 J	0.446	0.0436U	383	5.93	13.2	0.162 J	0.0126U	0.0177 J	0.0882 J	15.5	0.0210U	4.9U	32.0	0.316	0.0938	0.126U	0.36 J	0.40 J	NA*	0.136 J	45.2
2037 CRAWFORD	4056770004	120213004	EB-008 (DUP	10	02/13/2012 12:50	0.120	0.050 J	0.0112 J	8220	0.268	20800	0.0648	0.502	0.0334	386	0.780	12.4	0.161	0.0125U	0.0297	0.0981	15.3	0.0209U	4.8U	30.8	0.252	0.0664	0.129	0.27U	0.42 J	NA*	0.0468	43.6
2037 CRAWFORD	4056914001	120216004	EB-009	10	02/16/2012 11:00	0.292	0.033 J	0.0267U	11600	0.273	23400	4.91	2.11	0.0821 J	398	2.84	12.8	0.307	0.0122U	4.31	0.160	20.8	0.174 J	4.7U	35.0	0.246	0.0704	0.301	0.19U	0.24 J	NA*	0.193	51.9
2037 CRAWFORD	4056914002	120216005	EB-010	10	02/16/2012 13:00	0.230U	0.028 J	0.269U	10900	0.836 J	20100	0.0470 J	0.119	0.171U	349	21.9	9.1	0.181U	0.0124U	1.15	0.180U	22.4	0.0688U	191	29.8	0.0256 J	0.0109U	0.495U	0.21U	0.18 J	NA*	0.139U	41.6
2737 CRAWFORD	4057007001	120220001	EB-011	10	02/20/2012 08:40	0.0195U	0.084 J	0.0228U	16100	0.808	25300	0.0097U	0.0310U	0.0145U	547	0.0147U	9.0	0.0153U	0.0131U	0.0141U	0.0152U	25.1	0.0218U	5.1U	33.8	0.0239U	0.0116U	0.0419U	1.7	0.33 J	NA*	0.526	54.8
2737 CRAWFORD	4057007002	120220002	EW-013	8	02/20/2012 13:45	0.943U	0.035 J	1.10U	15500	0.645U	29500	15.8	16.0	0.701U	415	51.0	10.6	0.742U	1.01U	15.8	0.735U	27.2	5.15	195	39.1	6.99	0.894U	2.03U	0.47U	0.21 J	NA*	0.570U	70.5
2037 CRAWFORD	4057075001	120221001	EB-012	10	02/22/2012 10:30	0.673 J	0.13 J	0.279U	16400	1.40	26300	5.04	0.247 J	0.177U	367	22.3	9.6	0.707 J	0.102U	39.2	0.355 J	29.2	0.187 J	78.7	34.1	0.187U	0.0904U	0.512U	0.31U	0.36 J	NA*	0.315 J	54.7
2037 CRAWFORD	4057185001	120224001	EB-013	10	02/24/2012 09:30	2.03	0.13 J	0.430U	11800	3.43	23200	0.526	0.807	0.565 J	339	25.2	11.8	2.71	0.0493U	9.21	1.28 J	22.2	0.0206U	19.4	29.0	0.298	0.128 J	2.25	0.22U	0.41 J	NA*	1.08 J	48.9
2037 CRAWFORD	4057185002	120224002	EB-014	10	02/24/2012 09:40	1.76U	0.032 J	2.05U	9890	6.10 J	25300	34.4	8.80	1.30U	618	138	18.1	1.38U	0.118U	59.3	1.37U	18.5	0.983U	223	36.0	0.291 J	0.104U	3.77U	0.26U	0.26 J	NA*	1.14 J	49.7
2037 CRAWFORD	4057185003	120224003	EW-014	7	02/24/2012 09:45	71.3	0.023 J	5.78U	14400	107	21800	8.72 J	21.0	14.6 J	372	405	6.5	87.6	2.65U	6.02	40.8	22.8	2.21U	256U	26.5	17.9	9.13 J	66.4	0.91	0.17U	NA*	25.6	52.5
2037 CRAWFORD	4057185004	120224004	EW-015	7	02/24/2012 09:55	195	0.019U	21.4U	6520	74.7 J	12500	4.52U	199	49.3 J	386	1270	5.1	225	6.12U	77.6	109	11.7	4.09U	945U	13.5	101	44.4	178	0.29U	0.15U	NA*	369	24.5

Attachment No. 2
Post Excavation Soil Samples
Former Crawford Station MGP Site, Chicago, Illinois
Peoples Gas Light and Coke Company
ILN0000510192

Client Project	Lab ID	Sample ID	Sample Location	Sample Depth	Collected Date	Barium	Ethylbenzene	Benzo(a)anthracene	Phenol	TPH (C16-C28)	Selenium	Benzo(g,h,i)perylene	Indeno(1,2,3-cd)pyrene	Lead	Copper	Benzo(a)pyrene	Vanadium	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol(o-Cresol)	Cadmium	Fluorene	Benzo(k)fluoranthene	TPH - Diesel (C10-C28)	Mercury	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
2037 CRAWFORD	4056351001	120131004	EB-001	8	01/31/2012 12:50	67.3	0.0142U	0.0472	0.0275U	3.8	2.3	0.0287	0.0258	26.8	32.4	0.0392	35.5	0.116U	0.203	0.116U	0.40 J	0.0216 J	0.0337	7.4	0.028	0.143
2037 CRAWFORD	4056351002	120131005	EB-002	8	01/31/2012 13:40	40.8	0.0126U	0.0705 J	0.146U	4.4U	1.3	0.0330 J	0.0283 J	14.9	27.8	0.0563 J	26.6	0.615U	0.0188U	0.615U	0.26 J	0.0306U	0.0550 J	4.4U	0.018	0.0578 J
2037 CRAWFORD	4056351003	120131006	EW-001	5	01/31/2012 17:00	71.0	0.0505	8.70	0.146U	1110	1.6	6.57	5.76	215	81.1	10.4	17.8	0.614U	5.10	0.614U	1.5	0.374 J	8.38	1500	0.10	8.03
2037 CRAWFORD	4056351004	120131007	EW-002	5	01/31/2012 17:06	95.6	0.144	29.2	0.518U	1900	3.2	25.7	19.6	224	396	37.5	27.9	2.18U	2.70 J	2.18U	0.66 J	0.954 J	29.2	2190	0.80	23.3
2037 CRAWFORD	4056351005	120201004	EB-003	8	02/01/2012 09:35	97.0	0.0127U	0.0033 J	0.0246U	2.1	1.3	0.0027U	0.0029U	15.7	27.2	0.0034U	26.6	0.103U	0.0120 J	0.103U	0.16 J	0.0051U	0.0038U	8.6	0.032	0.0132 J
2037 CRAWFORD	4056351006	120201005	EB-004	8	02/01/2012 09:55	51.4	0.0128U	0.0030U	0.0247U	0.74U	1.2	0.0027U	0.0030U	14.8	23.4	0.0034U	27.3	0.104U	0.0104 J	0.104U	0.13U	0.0052U	0.0039U	5.0	0.014	0.0099 J
2037 CRAWFORD	4056351007	120201006	EW-003	5	02/01/2012 14:30	77.4	0.0552 J	2.37	0.141U	141	1.5	1.76	1.50	231	180	2.49	21.2	0.592U	1.68	0.592U	0.35 J	0.165 J	2.03	207	0.14	3.26
2037 CRAWFORD	4056351008	120201007	EW-004	6	02/01/2012 14:35	46.8	0.0125U	0.0028U	0.0237U	11.1	1.4	0.0026U	0.0028U	16.1	31.9	0.0033U	25.9	0.0997U	0.0157 J	0.0997U	0.12U	0.0050U	0.0037U	21.1	0.015	0.0191 J
2037 CRAWFORD	4056351009	120201008	EW-005	6	02/01/2012 14:40	34.8	0.0124U	0.0512	0.0239U	22.0	1.3	0.0284	0.0226	14.3	24.9	0.0420	27.4	0.101U	0.0157 J	0.101U	0.13U	0.0247	0.0373	31.7	0.017	0.110
2037 CRAWFORD	4056351010	120201009	EW-006	5	02/01/2012 14:50	45.0	0.0123U	0.0028U	0.0233U	15.0	1.3	0.0026U	0.0028U	17.2	30.6	0.0032U	26.5	0.0978U	0.0064 J	0.0978U	0.13U	0.0049U	0.0036U	25.5	0.018	0.0154 J
2037 CRAWFORD	4056351011	120201010	EW-007	4	02/01/2012 14:55	41.5	0.0135U	0.0336	0.0237U	15.6	1.2	0.0254	0.0201	18.1	31.6	0.0336	25.5	0.0997U	0.0480	0.0997U	0.17 J	0.0122 J	0.0252	25.9	0.021	0.0886
2037 CRAWFORD	4056351012	120201011	EW-008	5	02/01/2012 15:00	49.2	0.0125U	0.515	0.0243U	74.3	1.6	0.724	0.443	23.7	38.6	0.622	28.5	0.102U	0.211	0.102U	0.35 J	0.0465	0.598	125	0.13	0.732
2037 CRAWFORD	4056602001	120208004	EB-005	10	02/08/2012 10:15	35.2	3.40	2.15	0.472U	NA*	1.9	0.577 J	0.459 J	15.3	34.5	1.69	18.8	1.99U	0.657 J	1.99U	0.12U	4.09	1.09	452	0.028	7.07
2037 CRAWFORD	4056602002	120208005	EW-009	6	02/08/2012 10:20	64.8	0.0128U	0.0192 J	0.0248U	NA*	1.8	0.0074 J	0.0061 J	13.8	26.5	0.0142 J	36.1	0.104U	0.0129 J	0.104U	0.13U	0.0113 J	0.0123 J	12.1	0.021	0.0295
2037 CRAWFORD	4056679001	120209001	EW-010	6	02/09/2012 10:30	43.7	0.0123U	0.940	0.0238U	NA*	2.1	0.345	0.323	15.8	29.5	0.698	31.5	0.100U	0.0688 J	0.100U	0.27 J	0.271	0.682	52.0	0.017	1.76
2037 CRAWFORD	4056679002	120209002	EW-011	5	02/09/2012 11:00	78.7	0.0125U	0.0134 J	0.0242U	NA*	2.1	0.0124 J	0.0066 J	17.8	33.0	0.0125 J	28.9	0.102U	0.106	0.102U	0.28 J	0.0157 J	0.0105 J	39.6	0.022	0.102
2037 CRAWFORD	4056679003	120209003	EB-006	10	02/09/2012 12:30	37.3	0.0117U	0.0081 J	0.0226U	NA*	1.6	0.0114 J	0.0027U	13.1	27.1	0.0069 J	20.9	0.0951U	0.0723	0.0951U	0.12U	0.0149 J	0.0056 J	26.8	0.020	0.0550
2037 CRAWFORD	4056770001	120213001	EW-012	10	02/13/2012 09:00	48.4	102	5.36	1.94U	NA*	1.9	1.15 J	0.884 J	18.4	31.7	3.43	32.0	8.15U	48.6	8.15U	0.30 J	12.8	1.55 J	3170	0.025	32.6
2037 CRAWFORD	4056770002	120213002	EB-007	10	02/13/2012 12:40	32.6	16.4	0.879 J	1.20U	NA*	2.4	0.266U	0.286U	21.2	42.3	0.537 J	24.6	5.03U	17.7	5.03U	0.24 J	5.08	0.374U	124	0.024	9.51
2037 CRAWFORD	4056770003	120213003	EB-008	10	02/13/2012 12:50	36.8	0.0854	0.0874 J	0.0240U	NA*	2.1	0.0333U	0.0358U	16.3	36.4	0.0549 J	19.2	0.101U	0.816	0.101U	0.14U	0.452	0.0468U	38.2	0.019	0.458
2037 CRAWFORD	4056770004	120213004	EB-008 (DUP	10	02/13/2012 12:50	41.6	0.124	0.0860	0.0238U	NA*	2.1	0.0332	0.0218	15.8	35.8	0.0657	19.0	0.100U	0.217	0.100U	0.13U	0.170	0.0456	38.9	0.020	0.315
2037 CRAWFORD	4056914001	120216004	EB-009	10	02/16/2012 11:00	39.6	0.749	0.152	0.0233U	NA*	1.8	0.0494 J	0.0375 J	17.0	31.1	0.107	25.8	0.0980U	1.16	0.0980U	0.13U	0.337	0.0642 J	113	0.025	0.861
2037 CRAWFORD	4056914002	120216005	EB-010	10	02/16/2012 13:00	47.9	0.0445	0.141U	0.0784U	NA*	1.6	0.131U	0.141U	12.7	26.2	0.162U	25.7	0.330U	2.75	0.330U	0.13U	0.246U	0.184U	81.4	0.030	0.403 J
2737 CRAWFORD	4057007001	120220001	EB-011	10	02/20/2012 08:40	73.7	0.0129U	0.0119U	0.0249U	NA*	1.8	0.0111U	0.0119U	13.8	26.9	0.0137U	32.3	0.105U	0.0128U	0.105U	0.16 J	0.275	0.0156U	2.0 J	0.016	0.0184U
2737 CRAWFORD	4057007002	120220002	EW-013	8	02/20/2012 13:45	76.5	3.64	0.576U	0.482U	NA*	1.8	0.535U	0.576U	19.4	29.8	0.663U	33.3	2.03U	6.18	2.03U	0.14 J	1.01U	0.753U	491	0.017	1.35 J
2037 CRAWFORD	4057075001	120221001	EB-012	10	02/22/2012 10:30	74.0	0.101U	0.389 J	0.173 J	NA*	2.0	0.135U	0.146U	12.5	20.9	0.222 J	33.6	0.205U	10.3	0.205U	0.39 J	0.955 J	0.190U	4.4U	0.015	2.09
2037 CRAWFORD	4057185001	120224001	EB-013	10	02/24/2012 09:30	54.3	0.745	1.37 J	0.0235U	NA*	1.9	0.360 J	0.276 J	14.3	31.4	0.929 J	26.9	0.0987U	9.48	0.0987U	0.26 J	2.81	0.623 J	93.5	0.021	6.29
2037 CRAWFORD	4057185002	120224002	EB-014	10	02/24/2012 09:40	44.4	2.43	1.07U	1.12U	NA*	1.8	0.996U	1.07U	18.4	31.5	1.23U	21.8	4.71U	23.8	4.71U	0.12U	2.91 J	1.40U	514	0.018	4.53 J
2037 CRAWFORD	4057185003	120224003	EW-014	7	02/24/2012 09:45	76.2	23.9	38.9	2.52U	NA*	1.5	10.1 J	8.02 J	16.0	14.4	28.3	29.5	10.6U	209	10.6U	0.13U	88.1	18.4 J	4830	0.020	204
2037 CRAWFORD	4057185004	120224004	EW-015	7	02/24/2012 09:55	30.8	173	106	4.67U	NA*	1.2	27.4 J	21.5 J	8.6	9.5	76.0 J	16.9	19.6U	802	19.6U	0.11U	233	40.2 J	14200	0.010	579