Lot # D0I120217

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ANALYTICAL REPORT

Johnson Controls
Fowerville, MI

Lot # D0I120217

Mike Wagner

URS Dames & Moore

STL DENVER

Daniel J. Moore
Project Manager

September 30, 2000

Project Narrative
(D0I120217)

On September 12, 2000, the STL Denver laboratory received a total of thirteen samples from URS Dames and Moore. This report presents the analytical results as well as supporting information to aid in the evaluation and interpretation of the data.

With the exception of the below mentioned anomalies, standard analytical protocols were followed in the analysis of the samples. All laboratory QC samples analyzed in conjunction with the samples in this project were within established control limits.

GC/MS Semi-volatiles-PAHs, Method SW 846 8270C

Sample D0I120217-001 and 004 demonstrated recoveries of one or more surrogates greater than QC limits. Neither sample contained target analytes at a level greater than the reporting limit. Samples 005 and 009 demonstrated recoveries for most of the surrogates less than QC limits. Matrix interference is a possible cause of the low recoveries. Also, samples 006 and 010 contained one or more internal standard recoveries outside of method specified limits. Matrix interference was noted as the cause of the internal standard recoveries outside of method QC limits. Please evaluate the associated sample data accordingly.

GC Semi-volatiles, Method SW 846 8082

Sample 001 demonstrated a recovery less than QC limits for the surrogate, DBCP. The TCMX recovery was within QC limits.

EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
FB/RC-19/1 09/08/00 07:45 001				
Lead	1.7 B	3.0	ug/L	SW846 6010B
SE/RC-18/1 09/08/00 09:25 002				
Mercury	0.021 B	0.043	mg/kg	SW846 7471A
Arsenic	5.2	1.3	mg/kg	SW846 6010B
Lead	6.9	1.0	mg/kg	SW846 6010B
Barium	28.8	1.3	mg/kg	SW846 6010B
Chromium	15.3	1.3	mg/kg	SW846 6010B
Benzo(a)anthracene	150 J	430	ug/kg	SW846 8270C
Benzo(a)pyrene	150 J	430	ug/kg	SW846 8270C
Chrysene	190 J	430	ug/kg	SW846 8270C
Benzo(b)fluoranthene	120 J	430	ug/kg	SW846 8270C
Benzo(ghi)perylene	110 J	430	ug/kg	SW846 8270C
Benzo(k)fluoranthene	170 J	430	ug/kg	SW846 8270C
Fluoranthene	430	430	ug/kg	SW846 8270C
Phenanthrene	330 J	430	ug/kg	SW846 8270C
Pyrene	410 J	430	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	89 J	430	ug/kg	SW846 8270C
Total Cyanide	0.17 B	0.65	mg/kg	SW846 9012
Percent Moisture	22.8	0.10	%	MCAWW 160.3 MOD
SE/RC-17/1 09/08/00 10:20 003				
Aroclor 1248	110	56	ug/kg	SW846 8082
Aroclor 1260	200	56	ug/kg	SW846 8082
Mercury	0.060	0.056	mg/kg	SW846 7471A
Arsenic	8.3	1.7	mg/kg	SW846 6010B
Cadmium	0.23 B	0.84	mg/kg	SW846 6010B
Lead	23.3	1.4	mg/kg	SW846 6010B
Selenium	0.94 B	2.2	mg/kg	SW846 6010B
Barium	63.6	1.7	mg/kg	SW846 6010B
Chromium	404	1.7	mg/kg	SW846 6010B
Benzo(a)anthracene	190 J	560	ug/kg	SW846 8270C
Benzo(a)pyrene	210 J	560	ug/kg	SW846 8270C
Chrysene	280 J	560	ug/kg	SW846 8270C
Benzo(b)fluoranthene	190 J	560	ug/kg	SW846 8270C
Benzo(ghi)perylene	130 J	560	ug/kg	SW846 8270C
Benzo(k)fluoranthene	180 J	560	ug/kg	SW846 8270C
Fluoranthene	570	560	ug/kg	SW846 8270C
Phenanthrene	430 J	560	ug/kg	SW846 8270C
Pyrene	440 J	560	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	110 J	560	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SE/RC-17/1 09/08/00 10:20 003				
Total Cyanide	0.74 B	0.84	mg/kg	SW846 9012
Percent Moisture	40.8	0.10	%	MCAWW 160.3 MOD
SE/RC-17/2 09/08/00 10:30 004				
Aroclor 1248	66	55	ug/kg	SW846 8082
Aroclor 1260	39 J	55	ug/kg	SW846 8082
Mercury	0.033 B	0.055	mg/kg	SW846 7471A
Arsenic	10.3	1.7	mg/kg	SW846 6010B
Cadmium	0.20 B	0.83	mg/kg	SW846 6010B
Lead	7.4	1.3	mg/kg	SW846 6010B
Barium	46.9	1.7	mg/kg	SW846 6010B
Chromium	78.5	1.7	mg/kg	SW846 6010B
Fluoranthene	100 J	550	ug/kg	SW846 8270C
Pyrene	85 J	550	ug/kg	SW846 8270C
Percent Moisture	40.1	0.10	%	MCAWW 160.3 MOD
SE/RC-16/1 09/08/00 11:00 005				
Aroclor 1248	33 J	46	ug/kg	SW846 8082
Mercury	0.026 B	0.046	mg/kg	SW846 7471A
Arsenic	4.3	1.4	mg/kg	SW846 6010B
Lead	6.0	1.1	mg/kg	SW846 6010B
Barium	21.6	1.4	mg/kg	SW846 6010B
Chromium	18.1	1.4	mg/kg	SW846 6010B
Benzo(a)anthracene	190 J	460	ug/kg	SW846 8270C
Benzo(a)pyrene	200 J	460	ug/kg	SW846 8270C
Chrysene	220 J	460	ug/kg	SW846 8270C
Benzo(b)fluoranthene	180 J	460	ug/kg	SW846 8270C
Benzo(ghi)perylene	140 J	460	ug/kg	SW846 8270C
Benzo(k)fluoranthene	170 J	460	ug/kg	SW846 8270C
Fluoranthene	430 J	460	ug/kg	SW846 8270C
Phenanthrene	280 J	460	ug/kg	SW846 8270C
Pyrene	470	460	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	120 J	460	ug/kg	SW846 8270C
Dissociable Cyanide	1.3	0.70	mg/kg	SM18 4500-CN-I
Total Cyanide	4.5	0.70	mg/kg	SW846 9012
Percent Moisture	28.3	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SE/RC-15/1 09/08/00 11:40 006				
Aroclor 1248	21 J	48	ug/kg	SW846 8082
Mercury	0.019 B	0.048	mg/kg	SW846 7471A
Arsenic	3.4	1.5	mg/kg	SW846 6010B
Lead	3.8	1.2	mg/kg	SW846 6010B
Barium	32.7	1.5	mg/kg	SW846 6010B
Chromium	8.2	1.5	mg/kg	SW846 6010B
Benzo(a)anthracene	140 J	480	ug/kg	SW846 8270C
Benzo(a)pyrene	150 J	480	ug/kg	SW846 8270C
Chrysene	170 J	480	ug/kg	SW846 8270C
Benzo(b)fluoranthene	150 J	480	ug/kg	SW846 8270C
Benzo(ghi)perylene	96 J	480	ug/kg	SW846 8270C
Benzo(k)fluoranthene	140 J	480	ug/kg	SW846 8270C
Fluoranthene	370 J	480	ug/kg	SW846 8270C
Phenanthrene	210 J	480	ug/kg	SW846 8270C
Pyrene	260 J	480	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	91 J	480	ug/kg	SW846 8270C
Dissociable Cyanide	4.8	0.73	mg/kg	SM18 4500-CN-I
Total Cyanide	11.4	0.73	mg/kg	SW846 9012
Percent Moisture	31.6	0.10	%	MCAWW 160.3 MOD
SE/RC-15/2 09/08/00 11:50 007				
Aroclor 1248	44	45	ug/kg	SW846 8082
Mercury	0.033 B	0.045	mg/kg	SW846 7471A
Arsenic	4.1	1.4	mg/kg	SW846 6010B
Cadmium	0.16 B	0.68	mg/kg	SW846 6010B
Lead	10.3	1.1	mg/kg	SW846 6010B
Selenium	0.96 B	1.8	mg/kg	SW846 6010B
Barium	60.0	1.4	mg/kg	SW846 6010B
Chromium	26.0	1.4	mg/kg	SW846 6010B
Pyrene	210 J	450	ug/kg	SW846 8270C
Benzo(a)anthracene	120 J	450	ug/kg	SW846 8270C
Benzo(a)pyrene	120 J	450	ug/kg	SW846 8270C
Chrysene	150 J	450	ug/kg	SW846 8270C
Benzo(b)fluoranthene	120 J	450	ug/kg	SW846 8270C
Benzo(ghi)perylene	70 J	450	ug/kg	SW846 8270C
Fluoranthene	300 J	450	ug/kg	SW846 8270C
Phenanthrene	140 J	450	ug/kg	SW846 8270C
Total Cyanide	0.14 B	0.68	mg/kg	SW846 9012
Percent Moisture	26.2	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SE/RC-14/1 09/08/00 12:20 008				
Mercury	0.020 B	0.043	mg/kg	SW846 7471A
Arsenic	6.9	1.3	mg/kg	SW846 6010B
Cadmium	0.18 B	0.65	mg/kg	SW846 6010B
Lead	3.4	1.0	mg/kg	SW846 6010B
Barium	25.8	1.3	mg/kg	SW846 6010B
Chromium	10.8	1.3	mg/kg	SW846 6010B
Pyrene	67 J	430	ug/kg	SW846 8270C
Total Cyanide	0.19 B	0.65	mg/kg	SW846 9012
Percent Moisture	22.8	0.10	%	MCAWW 160.3 MOD
SO/RC-14/1 09/08/00 12:25 009				
Mercury	0.080	0.079	mg/kg	SW846 7471A
Arsenic	24.4	2.4	mg/kg	SW846 6010B
Cadmium	0.80 B	1.2	mg/kg	SW846 6010B
Lead	22.1	1.9	mg/kg	SW846 6010B
Barium	153	2.4	mg/kg	SW846 6010B
Chromium	80.3	2.4	mg/kg	SW846 6010B
Benzo(a)anthracene	140 J	790	ug/kg	SW846 8270C
Benzo(a)pyrene	150 J	790	ug/kg	SW846 8270C
Chrysene	220 J	790	ug/kg	SW846 8270C
Benzo(b)fluoranthene	150 J	790	ug/kg	SW846 8270C
Benzo(ghi)perylene	140 J	790	ug/kg	SW846 8270C
Fluoranthene	300 J	790	ug/kg	SW846 8270C
Phenanthrene	140 J	790	ug/kg	SW846 8270C
Pyrene	310 J	790	ug/kg	SW846 8270C
Dissociable Cyanide	0.79 B	1.2	mg/kg	SM18 4500-CN-I
Total Cyanide	1.5	1.2	mg/kg	SW846 9012
Percent Moisture	58.0	0.10	%	MCAWW 160.3 MOD
SE/RC-24/1 09/08/00 17:20 010				
Mercury	0.038 B	0.052	mg/kg	SW846 7471A
Arsenic	11.1	1.6	mg/kg	SW846 6010B
Cadmium	0.52 B	0.78	mg/kg	SW846 6010B
Lead	8.7	1.3	mg/kg	SW846 6010B
Selenium	0.92 B	2.0	mg/kg	SW846 6010B
Barium	58.7	1.6	mg/kg	SW846 6010B
Chromium	6.7	1.6	mg/kg	SW846 6010B
Benzo(a)anthracene	97 J	520	ug/kg	SW846 8270C
Benzo(a)pyrene	76 J	520	ug/kg	SW846 8270C
Chrysene	120 J	520	ug/kg	SW846 8270C
Benzo(b)fluoranthene	75 J	520	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SE/RC-24/1 09/08/00 17:20 010				
Fluoranthene	170 J	520	ug/kg	SW846 8270C
Pyrene	150 J	520	ug/kg	SW846 8270C
Dissociable Cyanide	0.87	0.78	mg/kg	SM18 4500-CN-I
Total Cyanide	1.0	0.78	mg/kg	SW846 9012
Percent Moisture	36.1	0.10	%	MCAWW 160.3 MOD
SE/RC-25/1 09/08/00 17:45 011				
Mercury	0.032 B	0.044	mg/kg	SW846 7471A
Arsenic	4.8	1.3	mg/kg	SW846 6010B
Cadmium	0.26 B	0.67	mg/kg	SW846 6010B
Lead	11.0	1.1	mg/kg	SW846 6010B
Barium	38.4	1.3	mg/kg	SW846 6010B
Chromium	5.6	1.3	mg/kg	SW846 6010B
Benzo(a)pyrene	66 J	440	ug/kg	SW846 8270C
Benzo(b)fluoranthene	54 J	440	ug/kg	SW846 8270C
Fluoranthene	110 J	440	ug/kg	SW846 8270C
Pyrene	120 J	440	ug/kg	SW846 8270C
Percent Moisture	25.8	0.10	%	MCAWW 160.3 MOD
SO/RC-25/1 09/08/00 17:50 012				
Mercury	0.025 B	0.049	mg/kg	SW846 7471A
Arsenic	10.6	1.5	mg/kg	SW846 6010B
Cadmium	0.33 B	0.75	mg/kg	SW846 6010B
Lead	6.5	1.2	mg/kg	SW846 6010B
Selenium	0.70 B	1.9	mg/kg	SW846 6010B
Barium	80.3	1.5	mg/kg	SW846 6010B
Chromium	4.7	1.5	mg/kg	SW846 6010B
Benzo(a)anthracene	220 J	490	ug/kg	SW846 8270C
Benzo(a)pyrene	230 J	490	ug/kg	SW846 8270C
Chrysene	280 J	490	ug/kg	SW846 8270C
Benzo(b)fluoranthene	240 J	490	ug/kg	SW846 8270C
Benzo(ghi)perylene	170 J	490	ug/kg	SW846 8270C
Benzo(k)fluoranthene	180 J	490	ug/kg	SW846 8270C
Pyrene	480 J	490	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	150 J	490	ug/kg	SW846 8270C
Fluoranthene	470 J	490	ug/kg	SW846 8270C
Phenanthrene	260 J	490	ug/kg	SW846 8270C
Total Cyanide	0.18 B	0.75	mg/kg	SW846 9012
Percent Moisture	33.0	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

D0I120217

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SE/RC-103/1 09/08/00 15:00 013				
Mercury	0.021 B	0.045	mg/kg	SW846 7471A
Arsenic	3.8	1.4	mg/kg	SW846 6010B
Cadmium	0.20 B	0.68	mg/kg	SW846 6010B
Lead	10.8	1.1	mg/kg	SW846 6010B
Barium	32.5	1.4	mg/kg	SW846 6010B
Chromium	6.3	1.4	mg/kg	SW846 6010B
Benzo(a)anthracene	120 J	450	ug/kg	SW846 8270C
Benzo(a)pyrene	130 J	450	ug/kg	SW846 8270C
Chrysene	160 J	450	ug/kg	SW846 8270C
Benzo(b)fluoranthene	170 J	450	ug/kg	SW846 8270C
Benzo(ghi)perylene	110 J	450	ug/kg	SW846 8270C
Fluoranthene	270 J	450	ug/kg	SW846 8270C
Phenanthrene	130 J	450	ug/kg	SW846 8270C
Pyrene	290 J	450	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	83 J	450	ug/kg	SW846 8270C
Total Cyanide	0.13 B	0.68	mg/kg	SW846 9012
Percent Moisture	27.0	0.10	%	MCAWW 160.3 MOD

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METHODS SUMMARY

D0I120217

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3550
PCBs by SW-846 8082	SW846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Total Cyanide	SW846 9012	SW846 9012
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3005A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Weak Acid Dissociable CN-	SM18 4500-CN-I	

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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METHOD / ANALYST SUMMARY

D0I120217

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.3 MOD	Heather Butler	008515
SM18 4500-CN-I	Ewa Kudla	001167
SW846 6010B	Steve Mustain	006720
SW846 7470A	Kenneth Clouser	004128
SW846 7471A	Lynn-Anne Trudell	006645
SW846 8082	Karla Garcia	000205
SW846 8270C	April Sacha	003883
SW846 8270C	Xiayasang Leewaphath	006600
SW846 9012	Ewa Kudla	001167

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

D0I120217

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DK7R3	001	FB/RC-19/1	09/08/00	07:45
DK7RA	002	SE/RC-18/1	09/08/00	09:25
DK7RE	003	SE/RC-17/1	09/08/00	10:20
DK7RG	004	SE/RC-17/2	09/08/00	10:30
DK7RK	005	SE/RC-16/1	09/08/00	11:00
DK7RM	006	SE/RC-15/1	09/08/00	11:40
DK7RP	007	SE/RC-15/2	09/08/00	11:50
DK7RQ	008	SE/RC-14/1	09/08/00	12:20
DK7RR	009	SO/RC-14/1	09/08/00	12:25
DK7RV	010	SE/RC-24/1	09/08/00	17:20
DK7RW	011	SE/RC-25/1	09/08/00	17:45
DK7T0	012	SO/RC-25/1	09/08/00	17:50
DK7T1	013	SE/RC-103/1	09/08/00	15:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

URS

Client Sample ID: FB/RC-19/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-001 **Work Order #...:** DK7R310E **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00
Prep Date.....: 09/14/00 **Analysis Date..:** 09/21/00
Prep Batch #...: 0258179 **Analysis Time..:** 06:35
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Fluorene	ND	10	ug/L	1.6
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.7
Naphthalene	ND	10	ug/L	1.8
Anthracene	ND	10	ug/L	1.4
Benzo(a)anthracene	ND	10	ug/L	1.1
Acenaphthene	ND	10	ug/L	1.4
Acenaphthylene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	2.2
Benzo(k)fluoranthene	ND	10	ug/L	1.9
Benzo(ghi)perylene	ND	10	ug/L	2.0
Benzo(a)pyrene	ND	10	ug/L	1.7
Chrysene	ND	10	ug/L	1.8
Dibenz(a,h)anthracene	ND	10	ug/L	2.2
Fluoranthene	ND	10	ug/L	1.9
Phenanthrene	ND	10	ug/L	2.0
Pyrene	ND	10	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(49 - 90)
Phenol-d5	81	(47 - 96)
Nitrobenzene-d5	79	(48 - 98)
2-Fluorobiphenyl	65	(44 - 89)
2,4,6-Tribromophenol	121 *	(54 - 102)
Terphenyl-d14	97	(32 - 108)

NOTE(S):

* Surrogate recovery is outside stated control limits.

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URS

Client Sample ID: SE/RC-18/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-002 **Work Order #...:** DK7RA103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/24/00
Prep Batch #...: 0257402 **Analysis Time..:** 02:05
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	430	ug/kg	69
Acenaphthene	ND	430	ug/kg	45
Acenaphthylene	ND	430	ug/kg	47
Benzo(a)anthracene	**150 J**	**430**	**ug/kg**	**55**
Benzo(a)pyrene	**150 J**	**430**	**ug/kg**	**61**
Chrysene	**190 J**	**430**	**ug/kg**	**69**
Dibenz(a,h)anthracene	ND	430	ug/kg	67
Benzo(b)fluoranthene	**120 J**	**430**	**ug/kg**	**49**
Benzo(ghi)perylene	**110 J**	**430**	**ug/kg**	**56**
Benzo(k)fluoranthene	**170 J**	**430**	**ug/kg**	**100**
Fluoranthene	**430**	**430**	**ug/kg**	**74**
Fluorene	ND	430	ug/kg	53
Phenanthrene	**330 J**	**430**	**ug/kg**	**54**
Pyrene	**410 J**	**430**	**ug/kg**	**49**
Indeno(1,2,3-cd)pyrene	**89 J**	**430**	**ug/kg**	**69**
Naphthalene	ND	430	ug/kg	66

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(42 - 92)
Phenol-d5	54	(44 - 91)
Nitrobenzene-d5	53	(43 - 92)
2-Fluorobiphenyl	55	(47 - 89)
2,4,6-Tribromophenol	59	(41 - 97)
Terphenyl-d14	65	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: SE/RC-17/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-003 Work Order #...: DK7RE103 Matrix.....: SOLID
Date Sampled...: 09/08/00 10:20 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/27/00
Prep Batch #...: 0257402 Analysis Time..: 23:37
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	560	ug/kg	89
Acenaphthene	ND	560	ug/kg	59
Acenaphthylene	ND	560	ug/kg	62
Benzo(a)anthracene	**190 J**	**560**	**ug/kg**	**72**
Benzo(a)pyrene	**210 J**	**560**	**ug/kg**	**80**
Chrysene	**280 J**	**560**	**ug/kg**	**90**
Dibenz(a,h)anthracene	ND	560	ug/kg	87
Benzo(b)fluoranthene	**190 J**	**560**	**ug/kg**	**64**
Benzo(ghi)perylene	**130 J**	**560**	**ug/kg**	**72**
Benzo(k)fluoranthene	**180 J**	**560**	**ug/kg**	**130**
Fluoranthene	**570**	**560**	**ug/kg**	**96**
Fluorene	ND	560	ug/kg	69
Phenanthrene	**430 J**	**560**	**ug/kg**	**70**
Pyrene	**440 J**	**560**	**ug/kg**	**64**
Indeno(1,2,3-cd)pyrene	**110 J**	**560**	**ug/kg**	**89**
Naphthalene	ND	560	ug/kg	86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(42 - 92)
Phenol-d5	53	(44 - 91)
Nitrobenzene-d5	49	(43 - 92)
2-Fluorobiphenyl	51	(47 - 89)
2,4,6-Tribromophenol	54	(41 - 97)
Terphenyl-d14	46	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: SE/RC-17/2

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-004 **Work Order #...:** DK7RG103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 10:30 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/28/00
Prep Batch #...: 0257402 **Analysis Time..:** 00:42
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	550	ug/kg	88
Acenaphthene	ND	550	ug/kg	58
Acenaphthylene	ND	550	ug/kg	61
Benzo(a)anthracene	ND	550	ug/kg	71
Benzo(a)pyrene	ND	550	ug/kg	79
Chrysene	ND	550	ug/kg	89
Dibenz(a,h)anthracene	ND	550	ug/kg	86
Benzo(b)fluoranthene	ND	550	ug/kg	63
Benzo(ghi)perylene	ND	550	ug/kg	72
Benzo(k)fluoranthene	ND	550	ug/kg	130
Fluoranthene	**100 J**	**550**	**ug/kg**	**95**
Fluorene	ND	550	ug/kg	69
Phenanthrene	ND	550	ug/kg	70
Pyrene	**85 J**	**550**	**ug/kg**	**63**
Indeno(1,2,3-cd)pyrene	ND	550	ug/kg	88
Naphthalene	ND	550	ug/kg	85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	94 *	(42 - 92)
Phenol-d5	101 *	(44 - 91)
Nitrobenzene-d5	64	(43 - 92)
2-Fluorobiphenyl	66	(47 - 89)
2,4,6-Tribromophenol	106 *	(41 - 97)
Terphenyl-d14	82	(39 - 93)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: SE/RC-16/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-005 Work Order #...: DK7RK103 Matrix.....: SOLID
Date Sampled...: 09/08/00 11:00 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/24/00
Prep Batch #...: 0257402 Analysis Time..: 01:33
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	460	ug/kg	74
Acenaphthene	ND	460	ug/kg	48
Acenaphthylene	ND	460	ug/kg	51
Benzo(a)anthracene	**190 J**	**460**	**ug/kg**	**59**
Benzo(a)pyrene	**200 J**	**460**	**ug/kg**	**66**
Chrysene	**220 J**	**460**	**ug/kg**	**74**
Dibenz(a,h)anthracene	ND	460	ug/kg	72
Benzo(b)fluoranthene	**180 J**	**460**	**ug/kg**	**53**
Benzo(ghi)perylene	**140 J**	**460**	**ug/kg**	**60**
Benzo(k)fluoranthene	**170 J**	**460**	**ug/kg**	**110**
Fluoranthene	**430 J**	**460**	**ug/kg**	**79**
Fluorene	ND	460	ug/kg	57
Phenanthrene	**280 J**	**460**	**ug/kg**	**58**
Pyrene	**470**	**460**	**ug/kg**	**53**
Indeno(1,2,3-cd)pyrene	**120 J**	**460**	**ug/kg**	**74**
Naphthalene	ND	460	ug/kg	71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	31 *	(42 - 92)
Phenol-d5	36 *	(44 - 91)
Nitrobenzene-d5	24 *	(43 - 92)
2-Fluorobiphenyl	31 *	(47 - 89)
2,4,6-Tribromophenol	50	(41 - 97)
Terphenyl-d14	57	(39 - 93)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: SE/RC-15/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-006 Work Order #...: DK7RM103 Matrix.....: SOLID
Date Sampled...: 09/08/00 11:40 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/28/00
Prep Batch #...: 0257402 Analysis Time..: 01:15
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	480	ug/kg	77
Acenaphthene	ND	480	ug/kg	51
Acenaphthylene	ND	480	ug/kg	53
Benzo(a)anthracene	**140 J**	**480**	**ug/kg**	**62**
Benzo(a)pyrene	**150 J**	**480**	**ug/kg**	**69**
Chrysene	**170 J**	**480**	**ug/kg**	**78**
Dibenz(a,h)anthracene	ND	480	ug/kg	76
Benzo(b)fluoranthene	**150 J**	**480**	**ug/kg**	**55**
Benzo(ghi)perylene	**96 J**	**480**	**ug/kg**	**63**
Benzo(k)fluoranthene	**140 J**	**480**	**ug/kg**	**120**
Fluoranthene	**370 J**	**480**	**ug/kg**	**83**
Fluorene	ND	480	ug/kg	60
Phenanthrene	**210 J**	**480**	**ug/kg**	**61**
Pyrene	**260 J**	**480**	**ug/kg**	**56**
Indeno(1,2,3-cd)pyrene	**91 J**	**480**	**ug/kg**	**77**
Naphthalene	ND	480	ug/kg	74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	51	(42 - 92)
Phenol-d5	50	(44 - 91)
Nitrobenzene-d5	47	(43 - 92)
2-Fluorobiphenyl	50	(47 - 89)
2,4,6-Tribromophenol	54	(41 - 97)
Terphenyl-d14	46	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-15/2

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-007 Work Order #...: DK7RP103 Matrix.....: SOLID
Date Sampled...: 09/08/00 11:50 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/27/00
Prep Batch #...: 0257402 Analysis Time..: 22:32
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Pyrene	**210 J**	**450**	**ug/kg**	**52**
Indeno(1,2,3-cd)pyrene	ND	450	ug/kg	72
Naphthalene	ND	450	ug/kg	69
Anthracene	ND	450	ug/kg	72
Acenaphthene	ND	450	ug/kg	47
Acenaphthylene	ND	450	ug/kg	49
Benzo(a)anthracene	**120 J**	**450**	**ug/kg**	**57**
Benzo(a)pyrene	**120 J**	**450**	**ug/kg**	**64**
Chrysene	**150 J**	**450**	**ug/kg**	**72**
Dibenz(a,h)anthracene	ND	450	ug/kg	70
Benzo(b)fluoranthene	**120 J**	**450**	**ug/kg**	**51**
Benzo(ghi)perylene	**70 J**	**450**	**ug/kg**	**58**
Benzo(k)fluoranthene	ND	450	ug/kg	110
Fluoranthene	**300 J**	**450**	**ug/kg**	**77**
Fluorene	ND	450	ug/kg	56
Phenanthrene	**140 J**	**450**	**ug/kg**	**57**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(42 - 92)
Phenol-d5	70	(44 - 91)
Nitrobenzene-d5	67	(43 - 92)
2-Fluorobiphenyl	71	(47 - 89)
2,4,6-Tribromophenol	75	(41 - 97)
Terphenyl-d14	72	(39 - 93)

NOTE(S):

J Estimated result. Result is less than RL.

Results and reporting limits have been adjusted for dry weight.

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Client Sample ID: SE/RC-14/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-008 **Work Order #...:** DK7RQ103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 12:20 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/27/00
Prep Batch #...: 0257402 **Analysis Time..:** 19:51
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	430	ug/kg	69
Acenaphthene	ND	430	ug/kg	45
Acenaphthylene	ND	430	ug/kg	47
Benzo(a)anthracene	ND	430	ug/kg	55
Benzo(a)pyrene	ND	430	ug/kg	61
Chrysene	ND	430	ug/kg	69
Dibenz(a,h)anthracene	ND	430	ug/kg	67
Benzo(b)fluoranthene	ND	430	ug/kg	49
Benzo(ghi)perylene	ND	430	ug/kg	56
Benzo(k)fluoranthene	ND	430	ug/kg	100
Fluoranthene	ND	430	ug/kg	74
Fluorene	ND	430	ug/kg	53
Phenanthrene	ND	430	ug/kg	54
Pyrene	**67 J**	**430**	**ug/kg**	**49**
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg	69
Naphthalene	ND	430	ug/kg	66

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(42 - 92)
Phenol-d5	62	(44 - 91)
Nitrobenzene-d5	58	(43 - 92)
2-Fluorobiphenyl	59	(47 - 89)
2,4,6-Tribromophenol	62	(41 - 97)
Terphenyl-d14	76	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SO/RC-14/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-009 Work Order #...: DK7RR103 Matrix.....: SOLID
Date Sampled...: 09/08/00 12:25 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/27/00
Prep Batch #...: 0257402 Analysis Time..: 22:00
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	790	ug/kg	130
Acenaphthene	ND	790	ug/kg	83
Acenaphthylene	ND	790	ug/kg	87
Benzo(a)anthracene	**140 J**	**790**	**ug/kg**	**100**
Benzo(a)pyrene	**150 J**	**790**	**ug/kg**	**110**
Chrysene	**220 J**	**790**	**ug/kg**	**130**
Dibenz(a,h)anthracene	ND	790	ug/kg	120
Benzo(b)fluoranthene	**150 J**	**790**	**ug/kg**	**90**
Benzo(ghi)perylene	**140 J**	**790**	**ug/kg**	**100**
Benzo(k)fluoranthene	ND	790	ug/kg	190
Fluoranthene	**300 J**	**790**	**ug/kg**	**140**
Fluorene	ND	790	ug/kg	98
Phenanthrene	**140 J**	**790**	**ug/kg**	**99**
Pyrene	**310 J**	**790**	**ug/kg**	**90**
Indeno(1,2,3-cd)pyrene	ND	790	ug/kg	130
Naphthalene	ND	790	ug/kg	120

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	39 *	(42 - 92)
Phenol-d5	39 *	(44 - 91)
Nitrobenzene-d5	34 *	(43 - 92)
2-Fluorobiphenyl	36 *	(47 - 89)
2,4,6-Tribromophenol	41	(41 - 97)
Terphenyl-d14	43	(39 - 93)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-24/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-010 **Work Order #...:** DK7RV103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:20 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/27/00
Prep Batch #...: 0257402 **Analysis Time..:** 23:05
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	520	ug/kg	83
Acenaphthene	ND	520	ug/kg	54
Acenaphthylene	ND	520	ug/kg	57
Benzo(a)anthracene	**97 J**	**520**	**ug/kg**	**66**
Benzo(a)pyrene	**76 J**	**520**	**ug/kg**	**74**
Chrysene	**120 J**	**520**	**ug/kg**	**83**
Dibenz(a,h)anthracene	ND	520	ug/kg	81
Benzo(b)fluoranthene	**75 J**	**520**	**ug/kg**	**59**
Benzo(ghi)perylene	ND	520	ug/kg	67
Benzo(k)fluoranthene	ND	520	ug/kg	120
Fluoranthene	**170 J**	**520**	**ug/kg**	**89**
Fluorene	ND	520	ug/kg	64
Phenanthrene	ND	520	ug/kg	65
Pyrene	**150 J**	**520**	**ug/kg**	**60**
Indeno(1,2,3-cd)pyrene	ND	520	ug/kg	83
Naphthalene	ND	520	ug/kg	80

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	51	(42 - 92)
Phenol-d5	50	(44 - 91)
Nitrobenzene-d5	45	(43 - 92)
2-Fluorobiphenyl	48	(47 - 89)
2,4,6-Tribromophenol	42	(41 - 97)
Terphenyl-d14	43	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-25/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-011 **Work Order #...:** DK7RW103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:45 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/27/00
Prep Batch #...: 0257402 **Analysis Time..:** 21:27
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	440	ug/kg	71
Acenaphthene	ND	440	ug/kg	47
Acenaphthylene	ND	440	ug/kg	49
Benzo(a)anthracene	ND	440	ug/kg	57
Benzo(a)pyrene	**66 J**	**440**	**ug/kg**	**64**
Chrysene	ND	440	ug/kg	72
Dibenz(a,h)anthracene	ND	440	ug/kg	70
Benzo(b)fluoranthene	**54 J**	**440**	**ug/kg**	**51**
Benzo(ghi)perylene	ND	440	ug/kg	58
Benzo(k)fluoranthene	ND	440	ug/kg	110
Fluoranthene	**110 J**	**440**	**ug/kg**	**77**
Fluorene	ND	440	ug/kg	55
Phenanthrene	ND	440	ug/kg	56
Pyrene	**120 J**	**440**	**ug/kg**	**51**
Indeno(1,2,3-cd)pyrene	ND	440	ug/kg	71
Naphthalene	ND	440	ug/kg	68

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(42 - 92)
Phenol-d5	62	(44 - 91)
Nitrobenzene-d5	55	(43 - 92)
2-Fluorobiphenyl	59	(47 - 89)
2,4,6-Tribromophenol	62	(41 - 97)
Terphenyl-d14	71	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SO/RC-25/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-012 **Work Order #...:** DK7T0103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:50 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/27/00
Prep Batch #...: 0257402 **Analysis Time..:** 20:55
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	490	ug/kg	79
Acenaphthene	ND	490	ug/kg	52
Acenaphthylene	ND	490	ug/kg	55
Benzo(a)anthracene	**220 J**	**490**	**ug/kg**	**63**
Benzo(a)pyrene	**230 J**	**490**	**ug/kg**	**71**
Chrysene	**280 J**	**490**	**ug/kg**	**79**
Dibenz(a,h)anthracene	ND	490	ug/kg	77
Benzo(b)fluoranthene	**240 J**	**490**	**ug/kg**	**57**
Benzo(ghi)perylene	**170 J**	**490**	**ug/kg**	**64**
Benzo(k)fluoranthene	**180 J**	**490**	**ug/kg**	**120**
Pyrene	**480 J**	**490**	**ug/kg**	**57**
Indeno(1,2,3-cd)pyrene	**150 J**	**490**	**ug/kg**	**79**
Naphthalene	ND	490	ug/kg	76
Fluoranthene	**470 J**	**490**	**ug/kg**	**85**
Fluorene	ND	490	ug/kg	61
Phenanthrene	**260 J**	**490**	**ug/kg**	**62**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	51	(42 - 92)
Phenol-d5	52	(44 - 91)
Nitrobenzene-d5	45	(43 - 92)
2-Fluorobiphenyl	51	(47 - 89)
2,4,6-Tribromophenol	55	(41 - 97)
Terphenyl-d14	60	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-103/1

GC/MS Semivolatiles

Lot-Sample #...: D0I120217-013 **Work Order #...:** DK7T1103 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 15:00 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/27/00
Prep Batch #...: 0257402 **Analysis Time..:** 20:23
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Anthracene	ND	450	ug/kg	72
Acenaphthene	ND	450	ug/kg	48
Acenaphthylene	ND	450	ug/kg	50
Benzo(a)anthracene	**120 J**	**450**	**ug/kg**	**58**
Benzo(a)pyrene	**130 J**	**450**	**ug/kg**	**65**
Chrysene	**160 J**	**450**	**ug/kg**	**73**
Dibenz(a,h)anthracene	ND	450	ug/kg	71
Benzo(b)fluoranthene	**170 J**	**450**	**ug/kg**	**52**
Benzo(ghi)perylene	**110 J**	**450**	**ug/kg**	**59**
Benzo(k)fluoranthene	ND	450	ug/kg	110
Fluoranthene	**270 J**	**450**	**ug/kg**	**78**
Fluorene	ND	450	ug/kg	56
Phenanthrene	**130 J**	**450**	**ug/kg**	**57**
Pyrene	**290 J**	**450**	**ug/kg**	**52**
Indeno(1,2,3-cd)pyrene	**83 J**	**450**	**ug/kg**	**73**
Naphthalene	ND	450	ug/kg	70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	52	(42 - 92)
Phenol-d5	53	(44 - 91)
Nitrobenzene-d5	45	(43 - 92)
2-Fluorobiphenyl	52	(47 - 89)
2,4,6-Tribromophenol	61	(41 - 97)
Terphenyl-d14	61	(39 - 93)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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URS

Client Sample ID: FB/RC-19/1

GC Semivolatiles

Lot-Sample #...: D0I120217-001 **Work Order #...:** DK7R3103 **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/19/00
Prep Batch #...: 0257299 **Analysis Time..:** 23:43
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.10
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.42
Aroclor 1242	ND	1.0	ug/L	0.38
Aroclor 1248	ND	1.0	ug/L	0.43
Aroclor 1254	ND	1.0	ug/L	0.13
Aroclor 1260	ND	1.0	ug/L	0.10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	29 *	(52 - 129)
Tetrachloro-m-xylene	87	(54 - 113)

NOTE(S):

* Surrogate recovery is outside stated control limits.

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URS

Client Sample ID: SE/RC-18/1

GC Semivolatiles

Lot-Sample #...: D0I120217-002 **Work Order #...:** DK7RA104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 20:07
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	14
Aroclor 1221	ND	43	ug/kg	11
Aroclor 1232	ND	43	ug/kg	4.4
Aroclor 1242	ND	43	ug/kg	4.3
Aroclor 1248	ND	43	ug/kg	5.4
Aroclor 1254	ND	43	ug/kg	6.0
Aroclor 1260	ND	43	ug/kg	23

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(62 - 145)
Tetrachloro-m-xylene	61	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-17/1

GC Semivolatiles

Lot-Sample #...: D0I120217-003 **Work Order #...:** DK7RE104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 10:20 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 20:34
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	56	ug/kg	19
Aroclor 1221	ND	56	ug/kg	14
Aroclor 1232	ND	56	ug/kg	5.7
Aroclor 1242	ND	56	ug/kg	5.6
Aroclor 1248	**110**	**56**	**ug/kg**	**7.1**
Aroclor 1254	ND	56	ug/kg	7.8
Aroclor 1260	**200**	**56**	**ug/kg**	**30**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	73	(62 - 145)
Tetrachloro-m-xylene	61	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

URS

Client Sample ID: SE/RC-17/2

GC Semivolatiles

Lot-Sample #...: D0I120217-004 Work Order #...: DK7RG104 Matrix.....: SOLID
Date Sampled...: 09/08/00 10:30 Date Received..: 09/12/00
Prep Date.....: 09/13/00 Analysis Date..: 09/18/00
Prep Batch #...: 0257193 Analysis Time..: 21:02
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	55	ug/kg	18
Aroclor 1221	ND	55	ug/kg	14
Aroclor 1232	ND	55	ug/kg	5.7
Aroclor 1242	ND	55	ug/kg	5.5
Aroclor 1248	**66**	**55**	**ug/kg**	**7.0**
Aroclor 1254	ND	55	ug/kg	7.7
Aroclor 1260	**39 J**	**55**	**ug/kg**	**30**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	73	(62 - 145)
Tetrachloro-m-xylene	77	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

URS

Client Sample ID: SE/RC-16/1

GC Semivolatiles

Lot-Sample #...: D0I120217-005 **Work Order #...:** DK7RK104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 11:00 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 21:29
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	46	ug/kg	15
Aroclor 1221	ND	46	ug/kg	12
Aroclor 1232	ND	46	ug/kg	4.7
Aroclor 1242	ND	46	ug/kg	4.6
Aroclor 1248	**33 J**	**46**	**ug/kg**	**5.9**
Aroclor 1254	ND	46	ug/kg	6.4
Aroclor 1260	ND	46	ug/kg	25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(62 - 145)
Tetrachloro-m-xylene	100	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

URS

Client Sample ID: SE/RC-15/1

GC Semivolatiles

Lot-Sample #...: D0I120217-006 **Work Order #...:** DK7RM104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 11:40 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 22:23
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	48	ug/kg	16
Aroclor 1221	ND	48	ug/kg	12
Aroclor 1232	ND	48	ug/kg	5.0
Aroclor 1242	ND	48	ug/kg	4.8
Aroclor 1248	**21 J**	**48**	**ug/kg**	**6.1**
Aroclor 1254	ND	48	ug/kg	6.7
Aroclor 1260	ND	48	ug/kg	26

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(62 - 145)
Tetrachloro-m-xylene	95	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Table of Contents

URS

Client Sample ID: SE/RC-15/2

GC Semivolatiles

Lot-Sample #...: D0I120217-007 **Work Order #...:** DK7RP104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 11:50 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 22:51
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	45	ug/kg	15
Aroclor 1221	ND	45	ug/kg	11
Aroclor 1232	ND	45	ug/kg	4.6
Aroclor 1242	ND	45	ug/kg	4.5
Aroclor 1248	**44**	**45**	**ug/kg**	**5.7**
Aroclor 1254	ND	45	ug/kg	6.2
Aroclor 1260	ND	45	ug/kg	24

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	87	(62 - 145)
Tetrachloro-m-xylene	86	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

URS

Client Sample ID: SE/RC-14/1

GC Semivolatiles

Lot-Sample #...: D0I120217-008 **Work Order #...:** DK7RQ104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 12:20 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 23:18
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	14
Aroclor 1221	ND	43	ug/kg	11
Aroclor 1232	ND	43	ug/kg	4.4
Aroclor 1242	ND	43	ug/kg	4.3
Aroclor 1248	ND	43	ug/kg	5.4
Aroclor 1254	ND	43	ug/kg	6.0
Aroclor 1260	ND	43	ug/kg	23

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	93	(62 - 145)
Tetrachloro-m-xylene	100	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

URS

Client Sample ID: SO/RC-14/1

GC Semivolatiles

Lot-Sample #...: D0I120217-009 **Work Order #...:** DK7RR104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 12:25 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/18/00
Prep Batch #...: 0257193 **Analysis Time..:** 23:45
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	79	ug/kg	26
Aroclor 1221	ND	79	ug/kg	20
Aroclor 1232	ND	79	ug/kg	8.1
Aroclor 1242	ND	79	ug/kg	7.9
Aroclor 1248	ND	79	ug/kg	10
Aroclor 1254	ND	79	ug/kg	11
Aroclor 1260	ND	79	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	67	(62 - 145)
Tetrachloro-m-xylene	73	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-24/1

GC Semivolatiles

Lot-Sample #...: D0I120217-010 **Work Order #...:** DK7RV104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:20 **Date Received..:** 09/12/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/19/00
Prep Batch #...: 0257193 **Analysis Time..:** 00:12
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	52	ug/kg	17
Aroclor 1221	ND	52	ug/kg	13
Aroclor 1232	ND	52	ug/kg	5.3
Aroclor 1242	ND	52	ug/kg	5.2
Aroclor 1248	ND	52	ug/kg	6.6
Aroclor 1254	ND	52	ug/kg	7.2
Aroclor 1260	ND	52	ug/kg	28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(62 - 145)
Tetrachloro-m-xylene	97	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

URS

Client Sample ID: SE/RC-25/1

GC Semivolatiles

Lot-Sample #...: D0I120217-011 **Work Order #...:** DK7RW104 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:45 **Date Received..:** 09/12/00
Prep Date.....: 09/21/00 **Analysis Date..:** 09/25/00
Prep Batch #...: 0265421 **Analysis Time..:** 14:03
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	44	ug/kg	15
Aroclor 1221	ND	44	ug/kg	11
Aroclor 1232	ND	44	ug/kg	4.6
Aroclor 1242	ND	44	ug/kg	4.4
Aroclor 1248	ND	44	ug/kg	5.7
Aroclor 1254	ND	44	ug/kg	6.2
Aroclor 1260	ND	44	ug/kg	24

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(62 - 145)
Tetrachloro-m-xylene	101	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SO/RC-25/1

GC Semivolatiles

Lot-Sample #...: D0I120217-012 Work Order #...: DK7T0104 Matrix.....: SOLID
Date Sampled...: 09/08/00 17:50 Date Received..: 09/12/00
Prep Date.....: 09/21/00 Analysis Date..: 09/25/00
Prep Batch #...: 0265421 Analysis Time..: 15:23
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	49	ug/kg	16
Aroclor 1221	ND	49	ug/kg	12
Aroclor 1232	ND	49	ug/kg	5.1
Aroclor 1242	ND	49	ug/kg	4.9
Aroclor 1248	ND	49	ug/kg	6.3
Aroclor 1254	ND	49	ug/kg	6.9
Aroclor 1260	ND	49	ug/kg	27

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(62 - 145)
Tetrachloro-m-xylene	94	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-103/1

GC Semivolatiles

Lot-Sample #...:	D0I120217-013	**Work Order #...:**	DK7T1104	**Matrix.....:**	SOLID
Date Sampled...:	09/08/00 15:00	**Date Received..:**	09/12/00		
Prep Date.....:	09/21/00	**Analysis Date..:**	09/25/00		
Prep Batch #...:	0265421	**Analysis Time..:**	15:49		
Dilution Factor:	1				
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	45	ug/kg	15
Aroclor 1221	ND	45	ug/kg	11
Aroclor 1232	ND	45	ug/kg	4.7
Aroclor 1242	ND	45	ug/kg	4.5
Aroclor 1248	ND	45	ug/kg	5.8
Aroclor 1254	ND	45	ug/kg	6.3
Aroclor 1260	ND	45	ug/kg	25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(62 - 145)
Tetrachloro-m-xylene	98	(60 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: FB/RC-19/1

TOTAL Metals

Lot-Sample #...: D0I120217-001 **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258131						
Mercury	ND	0.20	ug/L	SW846 7470A	09/25-09/26/00	DK7R310D
		Dilution Factor: 1		Analysis Time..: 00:32	MDL.....: 0.028	
Prep Batch #...: 0258488						
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R3105
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.5	
Arsenic	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R3106
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 3.6	
Barium	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R3107
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 2.2	
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R3108
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 0.74	
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R3109
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.5	
Lead	**1.7 B**	**3.0**	**ug/L**	**SW846 6010B**	**09/19-09/20/00**	**DK7R310A**
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 1.5	
Selenium	ND	5.0	ug/L	SW846 6010B	09/19-09/20/00	DK7R310C
		Dilution Factor: 1		Analysis Time..: 13:04	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-18/1

TOTAL Metals

Lot-Sample #...: D0I120217-002 Matrix.....: SOLID
Date Sampled...: 09/08/00 09:25 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.3	mg/kg	SW846 6010B	09/19-09/20/00	DK7RA10C
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.60	
Arsenic	**5.2**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RA107**
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.64	
Barium	**28.8**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RA105**
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.16	
Cadmium	ND	0.65	mg/kg	SW846 6010B	09/19-09/20/00	DK7RA108
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.13	
Chromium	**15.3**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RA106**
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.57	
Lead	**6.9**	**1.0**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RA109**
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.51	
Selenium	ND	1.7	mg/kg	SW846 6010B	09/19-09/20/00	DK7RA10A
		Dilution Factor: 1		Analysis Time..: 13:53	MDL.....: 0.58	
Prep Batch #...: 0258539						
Mercury	**0.021 B**	**0.043**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RA10D**
		Dilution Factor: 1		Analysis Time..: 17:24	MDL.....: 0.0048	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-17/1

TOTAL Metals

Lot-Sample #...: D0I120217-003 Matrix.....: SOLID
Date Sampled...: 09/08/00 10:20 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.7	mg/kg	SW846 6010B	09/19-09/20/00	DK7RE10C
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.78	
Arsenic	**8.3**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE107**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.83	
Barium	**63.6**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE105**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.20	
Cadmium	**0.23 B**	**0.84**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE108**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.17	
Chromium	**404**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE106**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.74	
Lead	**23.3**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE109**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.66	
Selenium	**0.94 B**	**2.2**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RE10A**
		Dilution Factor: 1		Analysis Time..: 14:15	MDL.....: 0.76	
Prep Batch #...: 0258539						
Mercury	**0.060**	**0.056**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RE10D**
		Dilution Factor: 1		Analysis Time..: 17:29	MDL.....: 0.0062	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-17/2

TOTAL Metals

Lot-Sample #...: D0I120217-004 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 10:30 **Date Received..:** 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.7	mg/kg	SW846 6010B	09/19-09/20/00	DK7RG10C
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.77	
Arsenic	**10.3**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RG107**
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.82	
Barium	**46.9**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RG105**
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.20	
Cadmium	**0.20 B**	**0.83**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RG108**
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.17	
Chromium	**78.5**	**1.7**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RG106**
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.73	
Lead	**7.4**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RG109**
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.65	
Selenium	ND	2.2	mg/kg	SW846 6010B	09/19-09/20/00	DK7RG10A
		Dilution Factor: 1		Analysis Time..: 14:21	MDL.....: 0.75	
Prep Batch #...: 0258539						
Mercury	**0.033 B**	**0.055**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RG10D**
		Dilution Factor: 1		Analysis Time..: 17:35	MDL.....: 0.0062	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-16/1

TOTAL Metals

Lot-Sample #...: D0I120217-005 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 11:00 **Date Received..:** 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.4	mg/kg	SW846 6010B	09/19-09/20/00	DK7RK10C
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.64	
Arsenic	**4.3**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RK107**
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.68	
Barium	**21.6**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RK105**
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.17	
Cadmium	ND	0.70	mg/kg	SW846 6010B	09/19-09/20/00	DK7RK108
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.14	
Chromium	**18.1**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RK106**
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.61	
Lead	**6.0**	**1.1**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RK109**
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.54	
Selenium	ND	1.8	mg/kg	SW846 6010B	09/19-09/20/00	DK7RK10A
		Dilution Factor: 1		Analysis Time..: 14:26	MDL.....: 0.63	
Prep Batch #...: 0258539						
Mercury	**0.026 B**	**0.046**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RK10D**
		Dilution Factor: 1		Analysis Time..: 17:37	MDL.....: 0.0052	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-15/1

TOTAL Metals

Lot-Sample #...: D0I120217-006 Matrix.....: SOLID
Date Sampled...: 09/08/00 11:40 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.5	mg/kg	SW846 6010B	09/19-09/20/00	DK7RM10C
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.67	
Arsenic	**3.4**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RM107**
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.72	
Barium	**32.7**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RM105**
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.18	
Cadmium	ND	0.73	mg/kg	SW846 6010B	09/19-09/20/00	DK7RM108
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.15	
Chromium	**8.2**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RM106**
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.64	
Lead	**3.8**	**1.2**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RM109**
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.57	
Selenium	ND	1.9	mg/kg	SW846 6010B	09/19-09/20/00	DK7RM10A
		Dilution Factor: 1		Analysis Time..: 14:42	MDL.....: 0.66	
Prep Batch #...: 0258539						
Mercury	**0.019 B**	**0.048**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RM10D**
		Dilution Factor: 1		Analysis Time..: 17:39	MDL.....: 0.0054	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-15/2

TOTAL Metals

Lot-Sample #...: D0I120217-007 Matrix.....: SOLID
Date Sampled...: 09/08/00 11:50 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.4	mg/kg	SW846 6010B	09/19-09/20/00	DK7RP10C
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.62	
Arsenic	**4.1**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP107**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.66	
Barium	**60.0**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP105**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.16	
Cadmium	**0.16 B**	**0.68**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP108**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.14	
Chromium	**26.0**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP106**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.60	
Lead	**10.3**	**1.1**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP109**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.53	
Selenium	**0.96 B**	**1.8**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RP10A**
		Dilution Factor: 1		Analysis Time..: 14:47	MDL.....: 0.61	
Prep Batch #...: 0258539						
Mercury	**0.033 B**	**0.045**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RP10D**
		Dilution Factor: 1		Analysis Time..: 17:40	MDL.....: 0.0050	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

URS

Client Sample ID: SE/RC-14/1

TOTAL Metals

Lot-Sample #...: D0I120217-008 Matrix.....: SOLID
Date Sampled...: 09/08/00 12:20 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.3	mg/kg	SW846 6010B	09/19-09/20/00	DK7RQ10C
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.60	
Arsenic	**6.9**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RQ107**
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.63	
Barium	**25.8**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RQ105**
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.16	
Cadmium	**0.18 B**	**0.65**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RQ108**
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.13	
Chromium	**10.8**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RQ106**
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.57	
Lead	**3.4**	**1.0**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RQ109**
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.51	
Selenium	ND	1.7	mg/kg	SW846 6010B	09/19-09/20/00	DK7RQ10A
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 0.58	
Prep Batch #...: 0258539						
Mercury	**0.020 B**	**0.043**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RQ10D**
		Dilution Factor: 1		Analysis Time..: 17:42	MDL.....: 0.0048	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SO/RC-14/1

TOTAL Metals

Lot-Sample #...: D0I120217-009 Matrix.....: SOLID
Date Sampled...: 09/08/00 12:25 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	2.4	mg/kg	SW846 6010B	09/19-09/20/00	DK7RR10C
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 1.1	
Arsenic	**24.4**	**2.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RR107**
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 1.2	
Barium	**153**	**2.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RR105**
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 0.29	
Cadmium	**0.80 B**	**1.2**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RR108**
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 0.24	
Lead	**22.1**	**1.9**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RR109**
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 0.93	
Selenium	ND	3.1	mg/kg	SW846 6010B	09/19-09/20/00	DK7RR10A
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 1.1	
Chromium	**80.3**	**2.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RR106**
		Dilution Factor: 1		Analysis Time..: 14:58	MDL.....: 1.0	
Prep Batch #...: 0258539						
Mercury	**0.080**	**0.079**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RR10D**
		Dilution Factor: 1		Analysis Time..: 17:47	MDL.....: 0.0088	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-24/1

TOTAL Metals

Lot-Sample #...: D0I120217-010 Matrix.....: SOLID
Date Sampled...: 09/08/00 17:20 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.6	mg/kg	SW846 6010B	09/19-09/20/00	DK7RV10C
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.72	
Arsenic	**11.1**	**1.6**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV107**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.77	
Barium	**58.7**	**1.6**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV105**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.19	
Cadmium	**0.52 B**	**0.78**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV108**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.16	
Chromium	**6.7**	**1.6**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV106**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.69	
Lead	**8.7**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV109**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.61	
Selenium	**0.92 B**	**2.0**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RV10A**
		Dilution Factor: 1		Analysis Time..: 15:04	MDL.....: 0.70	
Prep Batch #...: 0258539						
Mercury	**0.038 B**	**0.052**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RV10D**
		Dilution Factor: 1		Analysis Time..: 17:48	MDL.....: 0.0058	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-25/1

TOTAL Metals

Lot-Sample #...: D0I120217-011 Matrix.....: SOLID
Date Sampled...: 09/08/00 17:45 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.3	mg/kg	SW846 6010B	09/19-09/20/00	DK7RW10C
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.62	
Arsenic	**4.8**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RW107**
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.66	
Barium	**38.4**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RW105**
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.16	
Cadmium	**0.26 B**	**0.67**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RW108**
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.13	
Chromium	**5.6**	**1.3**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RW106**
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.59	
Lead	**11.0**	**1.1**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7RW109**
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.53	
Selenium	ND	1.8	mg/kg	SW846 6010B	09/19-09/20/00	DK7RW10A
		Dilution Factor: 1		Analysis Time..: 15:09	MDL.....: 0.61	
Prep Batch #...: 0258539						
Mercury	**0.032 B**	**0.044**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7RW10D**
		Dilution Factor: 1		Analysis Time..: 17:50	MDL.....: 0.0050	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SO/RC-25/1

TOTAL Metals

Lot-Sample #...: D0I120217-012 Matrix.....: SOLID
Date Sampled...: 09/08/00 17:50 Date Received..: 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.5	mg/kg	SW846 6010B	09/19-09/20/00	DK7T010C
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.69	
Arsenic	**10.6**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T0107**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.73	
Barium	**80.3**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T0105**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.18	
Cadmium	**0.33 B**	**0.75**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T0108**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.15	
Chromium	**4.7**	**1.5**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T0106**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.66	
Lead	**6.5**	**1.2**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T0109**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.58	
Selenium	**0.70 B**	**1.9**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T010A**
		Dilution Factor: 1		Analysis Time..: 15:14	MDL.....: 0.67	
Prep Batch #...: 0258539						
Mercury	**0.025 B**	**0.049**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7T010D**
		Dilution Factor: 1		Analysis Time..: 17:52	MDL.....: 0.0055	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-103/1

TOTAL Metals

Lot-Sample #...: D0I120217-013 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 15:00 **Date Received..:** 09/12/00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0258477						
Silver	ND	1.4	mg/kg	SW846 6010B	09/19-09/20/00	DK7T110C
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.63	
Arsenic	**3.8**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T1107**
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.67	
Barium	**32.5**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T1105**
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.16	
Cadmium	**0.20 B**	**0.68**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T1108**
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.14	
Chromium	**6.3**	**1.4**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T1106**
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.60	
Lead	**10.8**	**1.1**	**mg/kg**	**SW846 6010B**	**09/19-09/20/00**	**DK7T1109**
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.53	
Selenium	ND	1.8	mg/kg	SW846 6010B	09/19-09/20/00	DK7T110A
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 0.62	
Prep Batch #...: 0258539						
Mercury	**0.021 B**	**0.045**	**mg/kg**	**SW846 7471A**	**09/21-09/22/00**	**DK7T110D**
		Dilution Factor: 1		Analysis Time..: 17:54	MDL.....: 0.0051	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: FB/RC-19/1

General Chemistry

Lot-Sample #...: D0I120217-001 **Work Order #...:** DK7R3 **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.010	mg/L	SM18 4500-CN-I	09/14/00	0263348
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.0065	
Total Cyanide	ND	0.010	mg/L	SW846 9012	09/14/00	0259216
		Dilution Factor: 1		Analysis Time..: 15:00	MDL.....: 0.0030	

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URS

Client Sample ID: SE/RC-18/1

General Chemistry

Lot-Sample #...: D0I120217-002 **Work Order #...:** DK7RA **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.65	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 16:00	MDL.....:	
Percent Moisture	**22.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.17 B**	**0.65**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0036	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-17/1

General Chemistry

Lot-Sample #...: D0I120217-003 Work Order #...: DK7RE Matrix.....: SOLID
Date Sampled...: 09/08/00 10:20 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.84	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**40.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.74 B**	**0.84**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0047	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-17/2

General Chemistry

Lot-Sample #...: D0I120217-004 **Work Order #...:** DK7RG **Matrix.....:** SOLID
Date Sampled...: 09/08/00 10:30 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.83	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**40.1**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	ND	0.83	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.0047	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-16/1

General Chemistry

Lot-Sample #...: D0I120217-005 Work Order #...: DK7RK Matrix.....: SOLID
Date Sampled...: 09/08/00 11:00 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	1.3	0.70	mg/kg	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1		Analysis Time..: 18:00	MDL.....:	
Percent Moisture	28.3	0.10	%	MCAWW 160.3 MOD	09/28/00	0272538
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	4.5	0.70	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 17:00	MDL.....: 0.0039	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-15/1

General Chemistry

Lot-Sample #...: D0I120217-006 Work Order #...: DK7RM Matrix.....: SOLID
Date Sampled...: 09/08/00 11:40 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	4.8	0.73	mg/kg	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1		Analysis Time..: 18:00	MDL.....:	
Percent Moisture	31.6	0.10	%	MCAWW 160.3 MOD	09/28/00	0272538
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	11.4	0.73	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0041	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-15/2

General Chemistry

Lot-Sample #...: D0I120217-007 **Work Order #...:** DK7RP **Matrix.....:** SOLID
Date Sampled...: 09/08/00 11:50 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.68	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**26.2**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.14 B**	**0.68**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0038	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-14/1

General Chemistry

Lot-Sample #...: D0I120217-008 Work Order #...: DK7RQ Matrix.....: SOLID
Date Sampled...: 09/08/00 12:20 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.65	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**22.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.19 B**	**0.65**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0036	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SO/RC-14/1

General Chemistry

Lot-Sample #...: D0I120217-009 Work Order #...: DK7RR Matrix.....: SOLID
Date Sampled...: 09/08/00 12:25 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	0.79 B	1.2	mg/kg	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1		Analysis Time..: 18:00	MDL.....:	
Percent Moisture	58.0	0.10	%	MCAWW 160.3 MOD	09/28/00	0272538
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	1.5	1.2	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0067	

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-24/1

General Chemistry

Lot-Sample #...: D0I120217-010 Work Order #...: DK7RV Matrix.....: SOLID
Date Sampled...: 09/08/00 17:20 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	0.87	0.78	mg/kg	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1		Analysis Time..: 18:00	MDL.....:	
Percent Moisture	36.1	0.10	%	MCAWW 160.3 MOD	09/28/00	0272538
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	1.0	0.78	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0044	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SE/RC-25/1

General Chemistry

Lot-Sample #...: D0I120217-011 **Work Order #...:** DK7RW **Matrix.....:** SOLID
Date Sampled...: 09/08/00 17:45 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.67	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**25.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	ND	0.67	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0038	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

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URS

Client Sample ID: SO/RC-25/1

General Chemistry

Lot-Sample #...: D0I120217-012 Work Order #...: DK7T0 Matrix.....: SOLID
Date Sampled...: 09/08/00 17:50 Date Received..: 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.75	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**33.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.18 B**	**0.75**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0042	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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URS

Client Sample ID: SE/RC-103/1

General Chemistry

Lot-Sample #...: D0I120217-013 **Work Order #...:** DK7T1 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 15:00 **Date Received..:** 09/12/00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide	ND	0.68	mg/kg	SM18 4500-CN-I	09/14/00	0260114
		Dilution Factor: 1		Analysis Time..: 00:00	MDL.....:	
Percent Moisture	**27.0**	**0.10**	**%**	**MCAWW 160.3 MOD**	**09/28/00**	**0272538**
		Dilution Factor: 1		Analysis Time..: 20:00	MDL.....:	
Total Cyanide	**0.13 B**	**0.68**	**mg/kg**	**SW846 9012**	**09/13/00**	**0260110**
		Dilution Factor: 1		Analysis Time..: 19:00	MDL.....: 0.0038	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

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QC DATA ASSOCIATION SUMMARY

D0I120217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 7470A		0258131	0258027
	WATER	SW846 8082		0257299	
	WATER	SW846 8270C		0258179	
	WATER	SW846 6010B		0258488	0258181
	WATER	SM18 4500-CN-I		0263348	0263161
	WATER	SW846 9012		0259216	0259085
002	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
003	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
004	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
005	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260113	0260018
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
006	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260113	0260018

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QC DATA ASSOCIATION SUMMARY

D0I120217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
006	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
007	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
008	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
009	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260113	0260018
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
010	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0257193	0263106
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260113	0260018
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
011	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0265421	0265203
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076

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QC DATA ASSOCIATION SUMMARY

D0I120217

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0265421	0265203
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076
013	SOLID	SW846 7471A		0258539	0258213
	SOLID	SW846 8082		0265421	0265203
	SOLID	SW846 8270C		0257402	0257178
	SOLID	SW846 6010B		0258477	0258178
	SOLID	SM18 4500-CN-I		0260114	
	SOLID	SW846 9012		0260110	0260017
	SOLID	MCAWW 160.3 MOD		0272538	0273076

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217
LCS Lot-Sample#: D0I140000-179
Prep Date.....: 09/14/00
Prep Batch #...: 0258179
Dilution Factor: 1

Work Order #...: DKC2P102-LCS
DKC2P103-LCSD
Analysis Date..: 09/21/00
Analysis Time..: 00:17

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloro-3-methylphenol	86	(60 - 104)			SW846 8270C
	76	(60 - 104)	12	(0-35)	SW846 8270C
2-Chlorophenol	70	(59 - 102)			SW846 8270C
	72	(59 - 102)	2.7	(0-31)	SW846 8270C
1,4-Dichlorobenzene	51	(43 - 100)			SW846 8270C
	55	(43 - 100)	6.8	(0-36)	SW846 8270C
2,4-Dinitrotoluene	88	(58 - 111)			SW846 8270C
	76	(58 - 111)	15	(0-27)	SW846 8270C
4-Nitrophenol	75	(31 - 131)			SW846 8270C
	68	(31 - 131)	9.3	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	88	(52 - 104)			SW846 8270C
	76	(52 - 104)	15	(0-28)	SW846 8270C
Pentachlorophenol	85	(40 - 108)			SW846 8270C
	82	(40 - 108)	3.3	(0-28)	SW846 8270C
Phenol	66	(53 - 100)			SW846 8270C
	68	(53 - 100)	3.5	(0-39)	SW846 8270C
1,2,4-Trichloro-benzene	55	(44 - 100)			SW846 8270C
	55	(44 - 100)	0.24	(0-36)	SW846 8270C
Acenaphthene	74	(56 - 102)			SW846 8270C
	73	(56 - 102)	1.9	(0-31)	SW846 8270C
Pyrene	90	(59 - 106)			SW846 8270C
	85	(59 - 106)	5.8	(0-24)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(49 - 90)
	70	(49 - 90)
Phenol-d5	67	(47 - 96)
	75	(47 - 96)
Nitrobenzene-d5	77	(48 - 98)
	74	(48 - 98)
2-Fluorobiphenyl	59	(44 - 89)
	62	(44 - 89)
2,4,6-Tribromophenol	96	(54 - 102)
	94	(54 - 102)
Terphenyl-d14	105	(32 - 108)
	95	(32 - 108)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DKC2P102-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D0I140000-179 DKC2P103-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217
LCS Lot-Sample#: D0I130000-402
Prep Date.....: 09/13/00
Prep Batch #...: 0257402
Dilution Factor: 1

Work Order #...: DK9M1102-LCS
DK9M1103-LCSD
Analysis Date..: 09/23/00
Analysis Time..: 15:57

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	62	(55 - 95)			SW846 8270C
	62	(55 - 95)	0.39	(0-31)	SW846 8270C
Pyrene	67	(49 - 108)			SW846 8270C
	71	(49 - 108)	5.5	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	67	(55 - 102)			SW846 8270C
	67	(55 - 102)	1.2	(0-35)	SW846 8270C
2-Chlorophenol	66	(56 - 94)			SW846 8270C
	63	(56 - 94)	4.6	(0-31)	SW846 8270C
1,4-Dichlorobenzene	61	(52 - 90)			SW846 8270C
	59	(52 - 90)	3.8	(0-36)	SW846 8270C
2,4-Dinitrotoluene	67	(52 - 107)			SW846 8270C
	67	(52 - 107)	0.32	(0-30)	SW846 8270C
4-Nitrophenol	62	(36 - 112)			SW846 8270C
	59	(36 - 112)	4.1	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	62	(46 - 95)			SW846 8270C
	58	(46 - 95)	6.4	(0-30)	SW846 8270C
Pentachlorophenol	57	(32 - 107)			SW846 8270C
	60	(32 - 107)	4.0	(0-30)	SW846 8270C
Phenol	64	(51 - 93)			SW846 8270C
	61	(51 - 93)	4.8	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	63	(52 - 94)			SW846 8270C
	60	(52 - 94)	5.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(42 - 92)
	66	(42 - 92)
Phenol-d5	75	(44 - 91)
	71	(44 - 91)
Nitrobenzene-d5	69	(43 - 92)
	65	(43 - 92)
2-Fluorobiphenyl	65	(47 - 89)
	62	(47 - 89)
2,4,6-Tribromophenol	68	(41 - 97)
	70	(41 - 97)
Terphenyl-d14	74	(39 - 93)
	77	(39 - 93)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK9M1102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I130000-402 DK9M1103-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 Work Order #...: DKC2P102-LCS Matrix.....: WATER
LCS Lot-Sample#: D0I140000-179 DKC2P103-LCSD
Prep Date.....: 09/14/00 Analysis Date..: 09/21/00
Prep Batch #...: 0258179 Analysis Time..: 00:17
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Chloro-3-methylphenol	150	128	ug/L	86		SW846 8270C
	150	114	ug/L	76	12	SW846 8270C
2-Chlorophenol	150	105	ug/L	70		SW846 8270C
	150	108	ug/L	72	2.7	SW846 8270C
1,4-Dichlorobenzene	100	51.4	ug/L	51		SW846 8270C
	100	55.0	ug/L	55	6.8	SW846 8270C
2,4-Dinitrotoluene	100	88.2	ug/L	88		SW846 8270C
	100	75.8	ug/L	76	15	SW846 8270C
4-Nitrophenol	150	112	ug/L	75		SW846 8270C
	150	102	ug/L	68	9.3	SW846 8270C
N-Nitrosodi-n-propyl-amine	100	88.2	ug/L	88		SW846 8270C
	100	75.6	ug/L	76	15	SW846 8270C
Pentachlorophenol	150	127	ug/L	85		SW846 8270C
	150	123	ug/L	82	3.3	SW846 8270C
Phenol	150	98.6	ug/L	66		SW846 8270C
	150	102	ug/L	68	3.5	SW846 8270C
1,2,4-Trichloro-benzene	100	55.4	ug/L	55		SW846 8270C
	100	55.3	ug/L	55	0.24	SW846 8270C
Acenaphthene	100	74.0	ug/L	74		SW846 8270C
	100	72.7	ug/L	73	1.9	SW846 8270C
Pyrene	100	90.5	ug/L	90		SW846 8270C
	100	85.4	ug/L	85	5.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(49 - 90)
	70	(49 - 90)
Phenol-d5	67	(47 - 96)
	75	(47 - 96)
Nitrobenzene-d5	77	(48 - 98)
	74	(48 - 98)
2-Fluorobiphenyl	59	(44 - 89)
	62	(44 - 89)
2,4,6-Tribromophenol	96	(54 - 102)
	94	(54 - 102)
Terphenyl-d14	105	(32 - 108)
	95	(32 - 108)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DKC2P102-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D0I140000-179 DKC2P103-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 Work Order #...: DK9M1102-LCS Matrix.....: SOLID
LCS Lot-Sample#: D0I130000-402 DK9M1103-LCSD
Prep Date.....: 09/13/00 Analysis Date..: 09/23/00
Prep Batch #...: 0257402 Analysis Time..: 15:57
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	3330	2070	ug/kg	62		SW846 8270C
	3330	2060	ug/kg	62	0.39	SW846 8270C
Pyrene	3330	2250	ug/kg	67		SW846 8270C
	3330	2380	ug/kg	71	5.5	SW846 8270C
4-Chloro-3-methylphenol	5000	3370	ug/kg	67		SW846 8270C
	5000	3330	ug/kg	67	1.2	SW846 8270C
2-Chlorophenol	5000	3280	ug/kg	66		SW846 8270C
	5000	3130	ug/kg	63	4.6	SW846 8270C
1,4-Dichlorobenzene	3330	2030	ug/kg	61		SW846 8270C
	3330	1960	ug/kg	59	3.8	SW846 8270C
2,4-Dinitrotoluene	3330	2230	ug/kg	67		SW846 8270C
	3330	2240	ug/kg	67	0.32	SW846 8270C
4-Nitrophenol	5000	3080	ug/kg	62		SW846 8270C
	5000	2950	ug/kg	59	4.1	SW846 8270C
N-Nitrosodi-n-propyl-amine	3330	2060	ug/kg	62		SW846 8270C
	3330	1940	ug/kg	58	6.4	SW846 8270C
Pentachlorophenol	5000	2870	ug/kg	57		SW846 8270C
	5000	2990	ug/kg	60	4.0	SW846 8270C
Phenol	5000	3210	ug/kg	64		SW846 8270C
	5000	3060	ug/kg	61	4.8	SW846 8270C
1,2,4-Trichloro-benzene	3330	2100	ug/kg	63		SW846 8270C
	3330	1990	ug/kg	60	5.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(42 - 92)
	66	(42 - 92)
Phenol-d5	75	(44 - 91)
	71	(44 - 91)
Nitrobenzene-d5	69	(43 - 92)
	65	(43 - 92)
2-Fluorobiphenyl	65	(47 - 89)
	62	(47 - 89)
2,4,6-Tribromophenol	68	(41 - 97)
	70	(41 - 97)
Terphenyl-d14	74	(39 - 93)
	77	(39 - 93)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK9M1102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I130000-402 DK9M1103-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DKC2P101 **Matrix.....:** WATER
MB Lot-Sample #: D0I140000-179

Prep Date.....: 09/14/00 **Analysis Time..:** 23:45
Analysis Date..: 09/20/00 **Prep Batch #...:** 0258179
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(49 - 90)
Phenol-d5	77	(47 - 96)
Nitrobenzene-d5	74	(48 - 98)
2-Fluorobiphenyl	52	(44 - 89)
2,4,6-Tribromophenol	101	(54 - 102)
Terphenyl-d14	88	(32 - 108)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217
MB Lot-Sample #: D0I130000-402
Work Order #...: DK9M1101
Matrix.....: SOLID
Prep Date.....: 09/13/00
Analysis Time..: 15:25
Analysis Date..: 09/23/00
Prep Batch #...: 0257402
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(42 - 92)
Phenol-d5	63	(44 - 91)
Nitrobenzene-d5	61	(43 - 92)
2-Fluorobiphenyl	57	(47 - 89)
2,4,6-Tribromophenol	56	(41 - 97)
Terphenyl-d14	67	(39 - 93)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK5N010G-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I110116-018 DK5N010H-MSD
Date Sampled...: 09/07/00 16:20 **Date Received..:** 09/08/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/23/00
Prep Batch #...: 0257402 **Analysis Time..:** 22:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	52 a	(55 - 95)			SW846 8270C
	53 a	(55 - 95)	2.5	(0-31)	SW846 8270C
Pyrene	60	(49 - 108)			SW846 8270C
	66	(49 - 108)	8.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	52 a	(55 - 102)			SW846 8270C
	55	(55 - 102)	5.2	(0-35)	SW846 8270C
2-Chlorophenol	50 a	(56 - 94)			SW846 8270C
	51 a	(56 - 94)	1.9	(0-31)	SW846 8270C
1,4-Dichlorobenzene	45 a	(52 - 90)			SW846 8270C
	45 a	(52 - 90)	0.90	(0-36)	SW846 8270C
2,4-Dinitrotoluene	55	(52 - 107)			SW846 8270C
	57	(52 - 107)	3.5	(0-30)	SW846 8270C
4-Nitrophenol	42	(36 - 112)			SW846 8270C
	50	(36 - 112)	17	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	46	(46 - 95)			SW846 8270C
	47	(46 - 95)	2.1	(0-30)	SW846 8270C
Pentachlorophenol	38	(32 - 107)			SW846 8270C
	46	(32 - 107)	18	(0-30)	SW846 8270C
Phenol	49 a	(51 - 93)			SW846 8270C
	51	(51 - 93)	4.2	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	48 a	(52 - 94)			SW846 8270C
	47 a	(52 - 94)	2.3	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	52	(42 - 92)
	51	(42 - 92)
Phenol-d5	55	(44 - 91)
	56	(44 - 91)
Nitrobenzene-d5	48	(43 - 92)
	49	(43 - 92)
2-Fluorobiphenyl	53	(47 - 89)
	53	(47 - 89)
2,4,6-Tribromophenol	57	(41 - 97)
	59	(41 - 97)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK5N010G-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I110116-018 DK5N010H-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	63	(39 - 93)
	66	(39 - 93)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 Work Order #...: DK5N010G-MS Matrix.....: SOLID
MS Lot-Sample #: D0I110116-018 DK5N010H-MSD
Date Sampled...: 09/07/00 16:20 Date Received..: 09/08/00
Prep Date.....: 09/13/00 Analysis Date..: 09/23/00
Prep Batch #...: 0257402 Analysis Time..: 22:51
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	ND	4840	2520	ug/kg	52 a		SW846 8270C
	ND	4840	2590	ug/kg	53 a	2.5	SW846 8270C
Pyrene	110	4840	3020	ug/kg	60		SW846 8270C
	110	4840	3290	ug/kg	66	8.6	SW846 8270C
4-Chloro-3-methylphenol	ND	7260	3810	ug/kg	52 a		SW846 8270C
	ND	7260	4010	ug/kg	55	5.2	SW846 8270C
2-Chlorophenol	ND	7260	3640	ug/kg	50 a		SW846 8270C
	ND	7260	3710	ug/kg	51 a	1.9	SW846 8270C
1,4-Dichlorobenzene	ND	4840	2180	ug/kg	45 a		SW846 8270C
	ND	4840	2200	ug/kg	45 a	0.90	SW846 8270C
2,4-Dinitrotoluene	ND	4840	2660	ug/kg	55		SW846 8270C
	ND	4840	2750	ug/kg	57	3.5	SW846 8270C
4-Nitrophenol	ND	7260	3060	ug/kg	42		SW846 8270C
	ND	7260	3620	ug/kg	50	17	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4840	2240	ug/kg	46		SW846 8270C
	ND	4840	2290	ug/kg	47	2.1	SW846 8270C
Pentachlorophenol	ND	7260	2780	ug/kg	38		SW846 8270C
	ND	7260	3350	ug/kg	46	18	SW846 8270C
Phenol	ND	7260	3550	ug/kg	49 a		SW846 8270C
	ND	7260	3700	ug/kg	51	4.2	SW846 8270C
1,2,4-Trichloro-benzene	ND	4840	2310	ug/kg	48 a		SW846 8270C
	ND	4840	2260	ug/kg	47 a	2.3	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	52	(42 - 92)
	51	(42 - 92)
Phenol-d5	55	(44 - 91)
	56	(44 - 91)
Nitrobenzene-d5	48	(43 - 92)
	49	(43 - 92)
2-Fluorobiphenyl	53	(47 - 89)
	53	(47 - 89)
2,4,6-Tribromophenol	57	(41 - 97)
	59	(41 - 97)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK5N010G-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I110116-018 DK5N010H-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	63	(39 - 93)
	66	(39 - 93)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DKRFL102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I210000-421 DKRFL103-LCSD
Prep Date.....: 09/21/00 **Analysis Date..:** 09/25/00
Prep Batch #...: 0265421 **Analysis Time..:** 13:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**82**	**(65 - 130)**			**SW846 8082**
	83	**(65 - 130)**	**0.96**	**(0-23)**	**SW846 8082**
Aroclor 1260	**101**	**(66 - 128)**			**SW846 8082**
	103	**(66 - 128)**	**2.5**	**(0-23)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(62 - 145)
	113	(62 - 145)
Tetrachloro-m-xylene	95	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK8PJ102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I130000-193 DK8PJ103-LCSD
Prep Date.....: 09/13/00 **Analysis Date..:** 09/16/00
Prep Batch #...: 0257193 **Analysis Time..:** 15:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**103**	**(65 - 130)**			**SW846 8082**
	100	**(65 - 130)**	**3.4**	**(0-23)**	**SW846 8082**
Aroclor 1260	**113**	**(66 - 128)**			**SW846 8082**
	108	**(66 - 128)**	**4.7**	**(0-23)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(62 - 145)
	100	(62 - 145)
Tetrachloro-m-xylene	114	(60 - 130)
	113	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK956102-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D0I130000-299 DK956103-LCSD
Prep Date.....: 09/13/00 **Analysis Date..:** 09/19/00
Prep Batch #...: 0257299 **Analysis Time..:** 17:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**111**	**(73 - 123)**			**SW846 8082**
	105	**(73 - 123)**	**6.0**	**(0-20)**	**SW846 8082**
Aroclor 1260	**115**	**(77 - 120)**			**SW846 8082**
	113	**(77 - 120)**	**1.3**	**(0-20)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(52 - 129)
	102	(52 - 129)
Tetrachloro-m-xylene	93	(54 - 113)
	89	(54 - 113)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DKRFL102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I210000-421 DKRFL103-LCSD
Prep Date.....: 09/21/00 **Analysis Date..:** 09/25/00
Prep Batch #...: 0265421 **Analysis Time..:** 13:10
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**66.7**	**55.0**	**ug/kg**	**82**		**SW846 8082**
	66.7	**55.5**	**ug/kg**	**83**	**0.96**	**SW846 8082**
Aroclor 1260	**66.7**	**67.2**	**ug/kg**	**101**		**SW846 8082**
	66.7	**68.9**	**ug/kg**	**103**	**2.5**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(62 - 145)
	113	(62 - 145)
Tetrachloro-m-xylene	95	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK8PJ102-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D0I130000-193 DK8PJ103-LCSD
Prep Date.....: 09/13/00 **Analysis Date..:** 09/16/00
Prep Batch #...: 0257193 **Analysis Time..:** 15:12
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**66.7**	**68.7**	**ug/kg**	**103**		**SW846 8082**
	66.7	**66.4**	**ug/kg**	**100**	**3.4**	**SW846 8082**
Aroclor 1260	**66.7**	**75.5**	**ug/kg**	**113**		**SW846 8082**
	66.7	**72.0**	**ug/kg**	**108**	**4.7**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(62 - 145)
	100	(62 - 145)
Tetrachloro-m-xylene	114	(60 - 130)
	113	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK956102-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D0I130000-299 DK956103-LCSD
Prep Date.....: 09/13/00 **Analysis Date..:** 09/19/00
Prep Batch #...: 0257299 **Analysis Time..:** 17:49
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**2.00**	**2.22**	**ug/L**	**111**		**SW846 8082**
	2.00	**2.09**	**ug/L**	**105**	**6.0**	**SW846 8082**
Aroclor 1260	**2.00**	**2.29**	**ug/L**	**115**		**SW846 8082**
	2.00	**2.26**	**ug/L**	**113**	**1.3**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(52 - 129)
	102	(52 - 129)
Tetrachloro-m-xylene	93	(54 - 113)
	89	(54 - 113)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D0I120217
MB Lot-Sample #: D0I210000-421
Work Order #...: DKRFL101
Matrix.....: SOLID
Prep Date.....: 09/21/00
Analysis Time..: 12:44
Analysis Date..: 09/25/00
Prep Batch #...: 0265421
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(62 - 145)
Tetrachloro-m-xylene	91	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK8PJ101 **Matrix.....:** SOLID
MB Lot-Sample #: D0I130000-193

Prep Date.....: 09/13/00 **Analysis Time..:** 14:45
Analysis Date..: 09/16/00 **Prep Batch #...:** 0257193
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	76	(62 - 145)
Tetrachloro-m-xylene	77	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D0I120217
MB Lot-Sample #: D0I130000-299
Work Order #...: DK956101
Matrix.....: WATER
Prep Date.....: 09/13/00
Analysis Time..: 17:22
Analysis Date..: 09/19/00
Prep Batch #...: 0257299
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	87	(52 - 129)
Tetrachloro-m-xylene	88	(54 - 113)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK5XN103-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I110137-014 DK5XN104-MSD
Date Sampled...: 09/08/00 11:30 **Date Received..:** 09/09/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/16/00
Prep Batch #...: 0257193 **Analysis Time..:** 16:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**70**	**(65 - 130)**			**SW846 8082**
	79	**(65 - 130)**	**12**	**(0-23)**	**SW846 8082**
Aroclor 1260	**66**	**(66 - 128)**			**SW846 8082**
	72	**(66 - 128)**	**8.4**	**(0-23)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	65	(62 - 145)
	73	(62 - 145)
Tetrachloro-m-xylene	101	(60 - 130)
	115	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK7RW10F-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I120217-011 DK7RW10G-MSD
Date Sampled...: 09/08/00 17:45 **Date Received..:** 09/12/00
Prep Date.....: 09/21/00 **Analysis Date..:** 09/25/00
Prep Batch #...: 0265421 **Analysis Time..:** 14:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**111**	**(65 - 130)**			**SW846 8082**
	109	**(65 - 130)**	**1.7**	**(0-23)**	**SW846 8082**
Aroclor 1260	**98**	**(66 - 128)**			**SW846 8082**
	94	**(66 - 128)**	**3.8**	**(0-23)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(62 - 145)
	104	(62 - 145)
Tetrachloro-m-xylene	100	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK5XN103-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I110137-014 DK5XN104-MSD
Date Sampled...: 09/08/00 11:30 **Date Received..:** 09/09/00
Prep Date.....: 09/13/00 **Analysis Date..:** 09/16/00
Prep Batch #...: 0257193 **Analysis Time..:** 16:34
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**ND**	**68.5**	**47.9**	**ug/kg**	**70**		**SW846 8082**
	ND	**68.5**	**54.2**	**ug/kg**	**79**	**12**	**SW846 8082**
Aroclor 1260	**ND**	**68.5**	**45.4**	**ug/kg**	**66**		**SW846 8082**
	ND	**68.5**	**49.3**	**ug/kg**	**72**	**8.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	65	(62 - 145)
	73	(62 - 145)
Tetrachloro-m-xylene	101	(60 - 130)
	115	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D0I120217 **Work Order #...:** DK7RW10F-MS **Matrix.....:** SOLID
MS Lot-Sample #: D0I120217-011 DK7RW10G-MSD
Date Sampled...: 09/08/00 17:45 **Date Received..:** 09/12/00
Prep Date.....: 09/21/00 **Analysis Date..:** 09/25/00
Prep Batch #...: 0265421 **Analysis Time..:** 14:30
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**ND**	**89.8**	**99.7**	**ug/kg**	**111**		**SW846 8082**
	ND	**89.8**	**98.0**	**ug/kg**	**109**	**1.7**	**SW846 8082**
Aroclor 1260	**ND**	**89.8**	**88.0**	**ug/kg**	**98**		**SW846 8082**
	ND	**89.8**	**84.7**	**ug/kg**	**94**	**3.8**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(62 - 145)
	104	(62 - 145)
Tetrachloro-m-xylene	100	(60 - 130)
	96	(60 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: D0I120217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Mercury	92	(78 - 118)			SW846 7470A	09/25-09/26/00	0258131
	92	(78 - 118)	0.21	(0-10)	SW846 7470A	09/25-09/26/00	0258131
		Dilution Factor: 1					
Arsenic	98	(90 - 110)			SW846 6010B	09/19-09/20/00	0258488
	98	(90 - 110)	0.03	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Barium	97	(92 - 115)			SW846 6010B	09/19-09/20/00	0258488
	98	(92 - 115)	1.1	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Cadmium	108	(91 - 111)			SW846 6010B	09/19-09/20/00	0258488
	108	(91 - 111)	0.37	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Chromium	100	(91 - 112)			SW846 6010B	09/19-09/20/00	0258488
	101	(91 - 112)	0.34	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Lead	101	(90 - 110)			SW846 6010B	09/19-09/20/00	0258488
	101	(90 - 110)	0.29	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Selenium	98	(91 - 111)			SW846 6010B	09/19-09/20/00	0258488
	98	(91 - 111)	0.20	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					
Silver	98	(94 - 114)			SW846 6010B	09/19-09/20/00	0258488
	98	(94 - 114)	0.81	(0-20)	SW846 6010B	09/19-09/20/00	0258488
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Arsenic	96	(87 - 107)			SW846 6010B	09/19-09/20/00	0258477
	98	(87 - 107)	1.4	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Barium	98	(86 - 114)			SW846 6010B	09/19-09/20/00	0258477
	99	(86 - 114)	0.75	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Cadmium	108	(89 - 109)			SW846 6010B	09/19-09/20/00	0258477
	109	(89 - 109)	0.59	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Chromium	102	(88 - 110)			SW846 6010B	09/19-09/20/00	0258477
	103	(88 - 110)	1.1	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Lead	101	(88 - 108)			SW846 6010B	09/19-09/20/00	0258477
	102	(88 - 108)	1.0	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Selenium	92	(86 - 107)			SW846 6010B	09/19-09/20/00	0258477
	93	(86 - 107)	0.98	(0-20)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Silver	98	(91 - 111)			SW846 6010B	09/19-09/20/00	0258477
	98	(91 - 111)	0.22	(0-30)	SW846 6010B	09/19-09/20/00	0258477
		Dilution Factor: 1					
Mercury	89	(76 - 122)			SW846 7471A	09/21-09/22/00	0258539
	84	(76 - 122)	6.7	(0-20)	SW846 7471A	09/21-09/22/00	0258539
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: D0I120217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Mercury	5.00	4.59	ug/L	92		SW846 7470A	09/25-09/26/00	0258131
	5.00	4.58	ug/L	92	0.21	SW846 7470A	09/25-09/26/00	0258131
			Dilution Factor: 1					
Arsenic	2000	1960	ug/L	98		SW846 6010B	09/19-09/20/00	0258488
	2000	1960	ug/L	98	0.03	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Barium	2000	1930	ug/L	97		SW846 6010B	09/19-09/20/00	0258488
	2000	1950	ug/L	98	1.1	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Cadmium	50.0	54.0	ug/L	108		SW846 6010B	09/19-09/20/00	0258488
	50.0	53.8	ug/L	108	0.37	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Chromium	200	201	ug/L	100		SW846 6010B	09/19-09/20/00	0258488
	200	201	ug/L	101	0.34	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Lead	500	504	ug/L	101		SW846 6010B	09/19-09/20/00	0258488
	500	506	ug/L	101	0.29	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Selenium	2000	1960	ug/L	98		SW846 6010B	09/19-09/20/00	0258488
	2000	1960	ug/L	98	0.20	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					
Silver	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/00	0258488
	50.0	49.2	ug/L	98	0.81	SW846 6010B	09/19-09/20/00	0258488
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Arsenic	200	193	mg/kg	96		SW846 6010B	09/19-09/20/00	0258477
	200	196	mg/kg	98	1.4	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Barium	200	197	mg/kg	98		SW846 6010B	09/19-09/20/00	0258477
	200	198	mg/kg	99	0.75	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Cadmium	5.00	5.42	mg/kg	108		SW846 6010B	09/19-09/20/00	0258477
	5.00	5.45	mg/kg	109	0.59	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Chromium	20.0	20.4	mg/kg	102		SW846 6010B	09/19-09/20/00	0258477
	20.0	20.6	mg/kg	103	1.1	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Lead	50.0	50.7	mg/kg	101		SW846 6010B	09/19-09/20/00	0258477
	50.0	51.2	mg/kg	102	1.0	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Selenium	200	185	mg/kg	92		SW846 6010B	09/19-09/20/00	0258477
	200	187	mg/kg	93	0.98	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Silver	5.00	4.88	mg/kg	98		SW846 6010B	09/19-09/20/00	0258477
	5.00	4.89	mg/kg	98	0.22	SW846 6010B	09/19-09/20/00	0258477
			Dilution Factor: 1					
Mercury	0.417	0.373	mg/kg	89		SW846 7471A	09/21-09/22/00	0258539
	0.417	0.349	mg/kg	84	6.7	SW846 7471A	09/21-09/22/00	0258539
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D0I140000-131 **Prep Batch #...:** 0258131						
Mercury	ND	0.20	ug/L	SW846 7470A	09/25-09/26/00	DKATH101
		Dilution Factor: 1				
		Analysis Time..: 00:24				
MB Lot-Sample #: D0I140000-488 **Prep Batch #...:** 0258488						
Arsenic	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ104
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Barium	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ105
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Cadmium	ND	5.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ106
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Chromium	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ107
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Lead	**1.8 B**	**3.0**	**ug/L**	**SW846 6010B**	**09/19-09/20/00**	**DKDNJ101**
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Selenium	ND	5.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ102
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Silver	ND	10.0	ug/L	SW846 6010B	09/19-09/20/00	DKDNJ103
		Dilution Factor: 1				
		Analysis Time..: 12:48				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D0I140000-477 **Prep Batch #...:** 0258477						
Arsenic	ND	1.0	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP105
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Barium	ND	1.0	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP103
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Cadmium	ND	0.50	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP106
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Chromium	ND	1.0	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP104
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Lead	ND	0.80	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP107
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Selenium	ND	1.3	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP101
		Dilution Factor: 1				
		Analysis Time..: 13:36				
Silver	ND	1.0	mg/kg	SW846 6010B	09/19-09/20/00	DKDMP102
		Dilution Factor: 1				
		Analysis Time..: 13:36				
MB Lot-Sample #: D0I140000-539 **Prep Batch #...:** 0258539						
Mercury	ND	0.033	mg/kg	SW846 7471A	09/21-09/22/00	DKE10101
		Dilution Factor: 1				
		Analysis Time..: 17:16				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D0I120217-002 **Prep Batch #...:** 0258477							
Arsenic	99	(87 - 107)			SW846 6010B	09/19-09/20/00	DK7RA10P
	97	(87 - 107)	2.2	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10Q
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Barium	97	(86 - 114)			SW846 6010B	09/19-09/20/00	DK7RA10K
	94	(86 - 114)	3.1	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10L
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Cadmium	107	(89 - 109)			SW846 6010B	09/19-09/20/00	DK7RA10R
	105	(89 - 109)	2.5	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10T
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Chromium	98	(88 - 110)			SW846 6010B	09/19-09/20/00	DK7RA10M
	95	(88 - 110)	2.5	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10N
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Lead	100	(88 - 108)			SW846 6010B	09/19-09/20/00	DK7RA10U
	102	(88 - 108)	1.8	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10V
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Selenium	92	(86 - 107)			SW846 6010B	09/19-09/20/00	DK7RA10F
	90	(86 - 107)	2.0	(0-20)	SW846 6010B	09/19-09/20/00	DK7RA10G
		Dilution Factor: 1					
		Analysis Time..: 14:04					
Silver	100	(91 - 111)			SW846 6010B	09/19-09/20/00	DK7RA10H
	99	(91 - 111)	1.6	(0-30)	SW846 6010B	09/19-09/20/00	DK7RA10J
		Dilution Factor: 1					
		Analysis Time..: 14:04					
MS Lot-Sample #: D0I120217-002 **Prep Batch #...:** 0258539							
Mercury	91	(76 - 122)			SW846 7471A	09/21-09/22/00	DK7RA10W
	96	(76 - 122)	4.3	(0-20)	SW846 7471A	09/21-09/22/00	DK7RA10X
		Dilution Factor: 1					
		Analysis Time..: 17:26					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D0I120217-001 **Prep Batch #...:** 0258488							
Arsenic	97	(90 - 110)			SW846 6010B	09/19-09/20/00	DK7R310M
	98	(90 - 110)	1.4	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310N
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Barium	97	(92 - 115)			SW846 6010B	09/19-09/20/00	DK7R310P
	98	(92 - 115)	0.86	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310Q
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Cadmium	106	(91 - 111)			SW846 6010B	09/19-09/20/00	DK7R310R
	108	(91 - 111)	1.7	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310T
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Chromium	101	(91 - 112)			SW846 6010B	09/19-09/20/00	DK7R310U
	101	(91 - 112)	0.89	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310V
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Lead	100	(90 - 110)			SW846 6010B	09/19-09/20/00	DK7R310F
	101	(90 - 110)	0.71	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310G
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Selenium	96	(91 - 111)			SW846 6010B	09/19-09/20/00	DK7R310H
	97	(91 - 111)	0.96	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310J
		Dilution Factor: 1					
		Analysis Time..: 13:15					
Silver	98	(94 - 114)			SW846 6010B	09/19-09/20/00	DK7R310K
	99	(94 - 114)	1.2	(0-20)	SW846 6010B	09/19-09/20/00	DK7R310L
		Dilution Factor: 1					
		Analysis Time..: 13:15					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/07/00 12:00 **Date Received..:** 09/09/00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D0I110108-018 **Prep Batch #...:** 0258131							
Mercury	88	(78 - 118)			SW846 7470A	09/25-09/26/00	DK5LC109
	92	(78 - 118)	5.1	(0-10)	SW846 7470A	09/25-09/26/00	DK5LC10A

Dilution Factor: 1
Analysis Time..: 01:01

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D0I120217-002 **Prep Batch #...:** 0258477									
Arsenic									
	5.2	259	262	mg/kg	99		SW846 6010B	09/19-09/20/00	DK7RA10P
	5.2	259	256	mg/kg	97	2.2	SW846 6010B	09/19-09/20/00	DK7RA10Q
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Barium									
	28.8	259	281	mg/kg	97		SW846 6010B	09/19-09/20/00	DK7RA10K
	28.8	259	273	mg/kg	94	3.1	SW846 6010B	09/19-09/20/00	DK7RA10L
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Cadmium									
	ND	6.48	6.96	mg/kg	107		SW846 6010B	09/19-09/20/00	DK7RA10R
	ND	6.48	6.78	mg/kg	105	2.5	SW846 6010B	09/19-09/20/00	DK7RA10T
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Chromium									
	15.3	25.9	40.8	mg/kg	98		SW846 6010B	09/19-09/20/00	DK7RA10M
	15.3	25.9	39.8	mg/kg	95	2.5	SW846 6010B	09/19-09/20/00	DK7RA10N
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Lead									
	6.9	64.8	71.6	mg/kg	100		SW846 6010B	09/19-09/20/00	DK7RA10U
	6.9	64.8	72.9	mg/kg	102	1.8	SW846 6010B	09/19-09/20/00	DK7RA10V
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Selenium									
	ND	259	238	mg/kg	92		SW846 6010B	09/19-09/20/00	DK7RA10F
	ND	259	233	mg/kg	90	2.0	SW846 6010B	09/19-09/20/00	DK7RA10G
				Dilution Factor: 1					
				Analysis Time..: 14:04					
Silver									
	ND	6.48	6.50	mg/kg	100		SW846 6010B	09/19-09/20/00	DK7RA10H
	ND	6.48	6.39	mg/kg	99	1.6	SW846 6010B	09/19-09/20/00	DK7RA10J
				Dilution Factor: 1					
				Analysis Time..: 14:04					

MS Lot-Sample #: D0I120217-002 **Prep Batch #...:** 0258539

(Continued on next page)

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/08/00 07:45 **Date Received..:** 09/12/00

MS Lot-Sample #: D0I120217-001 **Prep Batch #...:** 0258488

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic									
	ND	2000	1940	ug/L	97		SW846 6010B	09/19-09/20/00	DK7R310M
	ND	2000	1970	ug/L	98	1.4	SW846 6010B	09/19-09/20/00	DK7R310N
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Barium									
	ND	2000	1940	ug/L	97		SW846 6010B	09/19-09/20/00	DK7R310P
	ND	2000	1950	ug/L	98	0.86	SW846 6010B	09/19-09/20/00	DK7R310Q
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Cadmium									
	ND	50.0	53.2	ug/L	106		SW846 6010B	09/19-09/20/00	DK7R310R
	ND	50.0	54.1	ug/L	108	1.7	SW846 6010B	09/19-09/20/00	DK7R310T
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Chromium									
	ND	200	201	ug/L	101		SW846 6010B	09/19-09/20/00	DK7R310U
	ND	200	203	ug/L	101	0.89	SW846 6010B	09/19-09/20/00	DK7R310V
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Lead									
	1.7	500	504	ug/L	100		SW846 6010B	09/19-09/20/00	DK7R310F
	1.7	500	507	ug/L	101	0.71	SW846 6010B	09/19-09/20/00	DK7R310G
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Selenium									
	ND	2000	1910	ug/L	96		SW846 6010B	09/19-09/20/00	DK7R310H
	ND	2000	1930	ug/L	97	0.96	SW846 6010B	09/19-09/20/00	DK7R310J
			Dilution Factor: 1						
			Analysis Time..: 13:15						
Silver									
	ND	50.0	48.8	ug/L	98		SW846 6010B	09/19-09/20/00	DK7R310K
	ND	50.0	49.4	ug/L	99	1.2	SW846 6010B	09/19-09/20/00	DK7R310L
			Dilution Factor: 1						
			Analysis Time..: 13:15						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	0.021	0.540	0.515	mg/kg	91		SW846 7471A	09/21-09/22/00	DK7RA10W
	0.021	0.540	0.538	mg/kg	96	4.3	SW846 7471A	09/21-09/22/00	DK7RA10X

Dilution Factor: 1
Analysis Time..: 17:26

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/07/00 12:00 **Date Received..:** 09/09/00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D0I110108-018 **Prep Batch #...:** 0258131									
Mercury									
	ND	5.00	4.38	ug/L	88		SW846 7470A	09/25-09/26/00	DK5LC109
	ND	5.00	4.61	ug/L	92	5.1	SW846 7470A	09/25-09/26/00	DK5LC10A

Dilution Factor: 1
Analysis Time..: 01:01

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D0I120217 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		WO#:DKLH8102-LCS/DKLH8103-LCSD				LCS Lot-Sample#: D0I190000-348	
	95	(75 - 120)			SM18 4500-CN-I	09/14/00	0263348
	95	(75 - 120)	0.63	(0-24)	SM18 4500-CN-I	09/14/00	0263348
		Dilution Factor: 1					
Total Cyanide		WO#:DKEW9102-LCS/DKEW9103-LCSD				LCS Lot-Sample#: D0I150000-216	
	94	(90 - 110)			SW846 9012	09/14/00	0259216
	92	(90 - 110)	2.4	(0-18)	SW846 9012	09/14/00	0259216
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		WO#:DKHCV102-LCS/DKHCV103-LCSD				LCS Lot-Sample#: D0I160000-113	
	90	(75 - 119)			SM18 4500-CN-I	09/14/00	0260113
	93	(75 - 119)	2.5	(0-20)	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1					
Total Cyanide		WO#:DKHCQ102-LCS/DKHCQ103-LCSD				LCS Lot-Sample#: D0I160000-110	
	100	(90 - 110)			SW846 9012	09/13/00	0260110
	100	(90 - 110)	0.40	(0-18)	SW846 9012	09/13/00	0260110
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D0I120217 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		WO#:DKLH8102-LCS/DKLH8103-LCSD				LCS Lot-Sample#: D0I190000-348		
	0.200	0.190	mg/L	95		SM18 4500-CN-I	09/14/00	0263348
	0.200	0.191	mg/L	95	0.63	SM18 4500-CN-I	09/14/00	0263348
		Dilution Factor: 1						
Total Cyanide		WO#:DKEW9102-LCS/DKEW9103-LCSD				LCS Lot-Sample#: D0I150000-216		
	0.200	0.188	mg/L	94		SW846 9012	09/14/00	0259216
	0.200	0.184	mg/L	92	2.4	SW846 9012	09/14/00	0259216
		Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide			WO#:DKHCV102-LCS/DKHCV103-LCSD			LCS Lot-Sample#: D0I160000-113		
	10.0	9.04	mg/kg	90		SM18 4500-CN-I	09/14/00	0260113
	10.0	9.27	mg/kg	93	2.5	SM18 4500-CN-I	09/14/00	0260113
			Dilution Factor: 1					
Total Cyanide			WO#:DKHCQ102-LCS/DKHCQ103-LCSD			LCS Lot-Sample#: D0I160000-110		
	10.0	9.96	mg/kg	100		SW846 9012	09/13/00	0260110
	10.0	10.0	mg/kg	100	0.40	SW846 9012	09/13/00	0260110
			Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		Work Order #: DKLH8101		MB Lot-Sample #:	D0I190000-348	
	ND	0.010	mg/L	SM18 4500-CN-I	09/14/00	0263348
		Dilution Factor: 1				
		Analysis Time..: 17:00				
Total Cyanide		Work Order #: DKEW9101		MB Lot-Sample #:	D0I150000-216	
	ND	0.010	mg/L	SW846 9012	09/14/00	0259216
		Dilution Factor: 1				
		Analysis Time..: 15:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		Work Order #: DKHCV101		MB Lot-Sample #:	D0I160000-113	
	ND	0.50	mg/kg	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1				
		Analysis Time..: 18:00				
Total Cyanide		Work Order #: DKHCQ101		MB Lot-Sample #:	D0I160000-110	
	ND	0.50	mg/kg	SW846 9012	09/13/00	0260110
		Dilution Factor: 1				
		Analysis Time..: 19:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/07/00 08:50 **Date Received..:** 09/08/00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		WO#: DK7R310W-MS/DK7R310X-MSD				MS Lot-Sample #: D0I120217-001	
	97	(75 - 120)			SM18 4500-CN-I	09/14/00	0263348
	97	(75 - 120)	0.82	(0-24)	SM18 4500-CN-I	09/14/00	0263348
		Dilution Factor: 1					
		Analysis Time..: 17:00					
Total Cyanide		WO#: DK5N610E-MS/DK5N610F-MSD				MS Lot-Sample #: D0I110116-021	
	96	(90 - 110)			SW846 9012	09/14/00	0259216
	95	(90 - 110)	0.73	(0-18)	SW846 9012	09/14/00	0259216
		Dilution Factor: 1					
		Analysis Time..: 15:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 15:00 **Date Received..:** 09/12/00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide		WO#: DK7RV10F-MS/DK7RV10G-MSD MS Lot-Sample #: D0I120217-010					
	86	(75 - 119)			SM18 4500-CN-I	09/14/00	0260113
	84	(75 - 119)	1.7	(0-20)	SM18 4500-CN-I	09/14/00	0260113
		Dilution Factor: 1					
		Analysis Time..: 18:00					
Total Cyanide		WO#: DK7T110F-MS/DK7T110G-MSD MS Lot-Sample #: D0I120217-013					
	99	(75 - 119)			SW846 9012	09/13/00	0260110
	100	(75 - 119)	0.49	(0-10)	SW846 9012	09/13/00	0260110
		Dilution Factor: 1					
		Analysis Time..: 19:00					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** WATER
Date Sampled...: 09/07/00 08:50 **Date Received..:** 09/08/00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide			WO#: DK7R310W-MS/DK7R310X-MSD				MS Lot-Sample #: D0I120217-001		
	ND	0.100	0.0966	mg/L	97		SM18 4500-CN-	09/14/00	0263348
	ND	0.100	0.0974	mg/L	97	0.82	SM18 4500-CN-	09/14/00	0263348
			Dilution Factor: 1						
			Analysis Time..: 17:00						
Total Cyanide			WO#: DK5N610E-MS/DK5N610F-MSD				MS Lot-Sample #: D0I110116-021		
	ND	0.100	0.0956	mg/L	96		SW846 9012	09/14/00	0259216
	ND	0.100	0.0949	mg/L	95	0.73	SW846 9012	09/14/00	0259216
			Dilution Factor: 1						
			Analysis Time..: 15:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D0I120217 **Matrix.....:** SOLID
Date Sampled...: 09/08/00 15:00 **Date Received..:** 09/12/00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissociable Cyanide			WO#: DK7RV10F-MS/DK7RV10G-MSD				MS Lot-Sample #: D0I120217-010		
	0.87	7.83	7.57	mg/kg	86		SM18 4500-CN-	09/14/00	0260113
	0.87	7.83	7.44	mg/kg	84	1.7	SM18 4500-CN-	09/14/00	0260113
			Dilution Factor: 1						
			Analysis Time..: 18:00						
Total Cyanide			WO#: DK7T110F-MS/DK7T110G-MSD				MS Lot-Sample #: D0I120217-013		
	0.13	6.85	6.91	mg/kg	99		SW846 9012	09/13/00	0260110
	0.13	6.85	6.95	mg/kg	100	0.49	SW846 9012	09/13/00	0260110
			Dilution Factor: 1						
			Analysis Time..: 19:00						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

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SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D0I120217 **Work Order #...:** DK7RA-SMP DK7RA-DUP **Matrix.....:** SOLID

Date Sampled...: 09/08/00 09:25 **Date Received..:** 09/12/00

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D0I120217-002	
	22.8	24.5	%	7.0	(0-0.0)	MCAWW 160.3 MOD	09/28/00	0272538

Dilution Factor: 1

Analysis Time..: 20:00

[redacted]

Chain of Custody Record

36733 Dalrdw 0.2°C RAD 9/12/00

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc

STL Denver

STL-4124 (0700)

Client	Project Manager	Date	Chain of Custody Number
URS CORPORATION	MIKE WAGNER	9.8.00	005997
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of**
36 E. 7th ST. SUITE 2550	(513) 651-3440 / (513) 651-3452		

City	State	Zip Code	Site Contact	Lab Contact
CINCINNATI	OH	45202	C. SPEELMAN	D. MOORE

Project Name and Location (State)	Carrier/Waybill Number
JCI - RFI PH. III	FED EX

Contract/Purchase Order/Quote No.:

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		PAH (8310)	PCBs (8082)	RCRA METALS (6010B)	CYANIDE (9012A)	CYANIDE (ASTM 4282)	Special Instructions/ Conditions of Receipt
FB/RC-19/1	9.8.00	0745		4				2		1		1			✓	1	1	✓	✓	
SE/RC-18/1	9.8.00	0925			2			2							✓	✓	✓	✓	✓	
SE/RC-17/1	9.8.00	1030			2			2							✓	✓	✓	✓	✓	
SE/RC-17/2	9.8.00	1030			2			2							✓	✓	✓	✓	✓	
SE/RC-16/1	9.8.00	1100			2			2							✓	✓	✓	✓	✓	
SE/RC-15/1	9.8.00	1140			2			2							✓	✓	✓	✓	✓	
SE/RC-15/2	9.8.00	1150			2			2							✓	✓	✓	✓	✓	
SE/RC-14/1	9.8.00	1200			2			2							✓	✓	✓	✓	✓	
SO/RC-14/1	9.8.00	1225			2			2							✓	✓	✓	✓	✓	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify):

1. Relinquished By	Date	Time	1. Received By	Date	Time
William R. Schlaff	9.8.00	1805		9/12/00	0900
2. Relinquished By	**Date**	**Time**	**2. Received By**	**Date**	**Time**
3. Relinquished By	**Date**	**Time**	**3. Received By**	**Date**	**Time**

Comments: PAH, PCBs RCRA METALS, & CYANIDE 9012A ARE ALL SW-846 METHOD #s

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

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[redacted]

STL Denver

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc

STL-4124 (0700)

Client: URS CORPORATION	Project Manager: MIKE WAGNER	Date: 9.8.00	Chain of Custody Number: 005978
Address: 36 E. 7th ST. SUITE 2550	Telephone Number (Area Code)/Fax Number: (513) 651-3440 / (513) 651-3452	Lab Number:	Page ____ of ____
City: CINCINNATI; State: OH; Zip Code: 45202	Site Contact: C. SPEELMAN	Lab Contact: D. MOORE	
Project Name and Location (State): JCI - RFI PH. III	Carrier/Waybill Number: FED EX		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNOS	HCl	NaOH	ZnAc/NaOH	PAH (8310)	PCBs (8082)	RCRA METALS (6010B)	CYANIDE (9012A)	CYANIDE (ASTM 4500)	Special Instructions/ Conditions of Receipt
SE/RC-24/1	9.8.00	1720			2		2						✓	✓	✓	✓	✓	
SE/RC-25/1	9.8.00	1745			2		2						✓	✓	✓	✓	✓	
~~SE/RC-24/2~~	~~9.8.00~~				~~2~~		~~2~~						~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	SAMPLE NOT COLLECTED
~~SE/RC-25/2~~	~~9.8.00~~				~~2~~		~~2~~						~~✓~~	~~✓~~	~~✓~~	~~✓~~	~~✓~~	SAMPLE NOT COLLECTED
SD/RC-25/1	9.8.00	1750			2		2						✓	✓	✓	✓	✓	
SE/RC-103/1	9.8.00	1500			2		2						✓	✓	✓	✓	✓	

9.11.00

Possible Hazard Identification: (X) Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☒ Return To Client (X) Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days (X) Other STANDARD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: William R. Eckhoff	9.11.00	1805	1. Received By:	9/12/00	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: PAH, PCBs, RCRA METALS, & CYANIDE (9012A) ARE ALL SW-846 METHOD #5

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

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Severn Trent Laboratories - Denver

Sample Receiving Checklist

Lot #: DOI120217 Date/Time Received: 9/12/00 0900

Company Name & Sampling Site: URS

*Cooler #(s): 1

Temperatures: 0.2°C

Unpacking & Labeling Check Points:

N/A	Yes	No		Initials
	☑	☐	1. Cooler seals intact.	
	☑	☐	2. Chain of custody present.	
	☐	☑	3. Bottles broken and/or are leaking, comment if yes.	
			PHOTOGRAPH BROKEN BOTTLES	
	☑	☐	4. Containers labeled, comment if no.	
	☑	☐	5. pH of all samples checked and meet requirements, note exceptions.	
	☑	☐	6. Chain of custody includes "received by" and "relinquished" by signatures, dates, and times.	
	☐	☑	7. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☑	☐	8. Chain of custody agrees with bottle count, comment if no.	
	☑	☐	9. Chain of custody agrees with labels, comment if no.	
☑	☐	☐	10. VOA samples filled completely, comment if no.	
☑	☐	☐	11. VOA bottles preserved, check for labels.	
	☐	☑	12. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	13. If yes to #12, did the samples contain residual chlorine?	
☑	☐	☐	14. Sediment present in "D," dissolved, bottles.	
	☐	☑	15. Are analyses with short holding times requested?	
☑	☐	☐	16. Is extra sample volume provided for MS, MSD or matrix duplicates?	
	☐	☑	17. Multiphase samples present? If yes, comment below.	
	☐	☑	18. Any subsampling for volatiles? If yes, list samples.	
			PHOTOGRAPH MULTIPHASE SAMPLES	
☑	☐	☐	19. Clear picture taken, labeled, and stapled to project folder.	
☑	☐	☐	20. Subcontract COC signed and sent with samples to bottle prep?	
	☑	☐	21. Was sample labeling double checked by a second person?	

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR)