

29057
Dept. of Environmental
Protection
SEP 26 2008
Southwest District

CITRUS COUNTY CENTRAL LANDFILL

**THIRD QUARTER AND ANNUAL
LEACHATE REPORT 2008**

**DEP PERMIT NO. 21375-008-SO/01
DEP Due Date: October 15, 2008**

Prepared by:

JONES EDMUNDS & ASSOCIATES, INC.

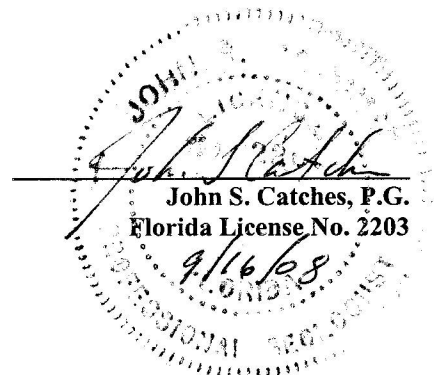
730 N.E. Waldo Road

Gainesville, Florida 32641-5699

Professional Engineering Certificate of Authorization # 1841

Professional Geology Certificate of Authorization #133

September 2008





September 22, 2008

Mr. John Morris, P.G.
Florida Department of Environmental Protection - Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: Annual Leachate and Sludge Sampling -- Third Quarter 2007
Citrus County Landfill
Permit No. 21375-008-SO/01
Jones Edmunds Project No. 03860-032-01

Dear Mr. Morris:

This report presents data from the Third Quarter and Annual Leachate sampling events at the Citrus County Landfill performed on July 22 and 23, 2008.

As required by the Permit, the leachate effluent was sampled for the annual, semi-annual, and quarterly parameters listed in Part E.9.b.2 of the Permit.

The annual leachate influent samples were collected according to Part E.9.a of the Permit and analyzed for the parameters listed in Part E.9.a.1. Individual samples were collected from the Lift Station Master Pump and the Phase II Pump. The individual samples were analyzed for Volatile Organic Compounds (VOCs) as required by the Permit. In addition, aliquots of the two samples were composited by the laboratory and analyzed for the remainder of the annual parameters.

The annual sludge sample was collected and analyzed as required by Part E.9.c of the Permit. Results from the sludge analysis are included in this report.

Prior to this sampling event, the leachate effluent was sampled and analyzed monthly for those parameters required by Permit Specific Condition E.9.b.2 of Permit Modification #21375-011(issued 4/24/2007). The laboratory analytical reports are included in this report. The Monthly Operating Reports (July, August, and September) will be forwarded under separate cover.

No exceedences were reported for any of the leachate sampling events during this period based on permit specific conditions.

If you have any questions regarding this report, please contact us at (352) 377-5821.

Sincerely,

A handwritten signature in black ink, appearing to read "John S. Catches".

John S. Catches
Project Manager

M:\EnvDocs\Citrus County\2008\08Q3 and Annual Leachate\08Q3 Leachate Letter.doc

xc: Susan Metcalfe, P.G.

Attachment 1: Monthly Leachate Effluent Analytical Results
Attachment 2: Quarterly and Annual Leachate Analytical Results
Attachment 3: Laboratory Data including Chain of Custody Forms
Attachment 4: Field Data

730 NE Waldo Rd
Gainesville, FL 32641

352.377.5821 Phone
352.377.3166 Fax
www.jonesedmunds.com

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUNDWATER MONITORING REPORT

Rule 62-522.600 (11)

Part I GENERAL INFORMATION

- (1) Facility Name Citrus County Central Landfill
Address 230 W Gulf to Lake Hwy
City Lecanto, Florida Zip 34461-
Telephone Number _____
- (2) The GMS Identification Number SWD/09/39859
- (3) DER Permit Number 21375-008-SO/01
- (4) Authorized Representative Name Susan Metcalfe, P.G., Director, Division of Solid Waste
Address P.O. Box 340
City Lecanto, Florida Zip 34460-0340
Telephone Number (352) 527-7671
- (5) Type of Discharge Landfill
- (6) Method of Discharge Groundwater

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: 9/18/08

Susan J Metcalfe
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization CompQAP # DEP SOP 001/01
- Analytical Lab CompQAP #/HRS Certification # E83182
CompQAP #/HRS Certification #
- Lab Name Environmental Conservation Laboratories, Inc.
- Address 10775 Central Port Drive, Orlando, Florida 32824
- Phone Number (407) 826-5314

ATTACHMENT 1

**MONTHLY LEACHATE EFFLUENT
ANALYTICAL RESULTS**

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 9822

Client CITRUS COUNTY UTILITIES **Sample Number** E081469
Project LANDFILL LEACHATE PLANT **Date/Time Sampled** 7/9/08 0845 HRS
Sample Description WWTP/EFF **Date/Time Received** 7/9/08 1040 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	1.42	1.4 mg/L	SJL	7/9/08 1455 HRS
SM2540-D	TSS	mg/L	2.50	1.0 mg/L	SJL	7/11/08 1006 HRS
SM4500-NO3-E	NITRATE	mg/L	2.60	0.10 mg/L	CK	7/9/08 1100 HRS

Sally Ann Casullo
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL.

5376 S SUNCOAST BOULEVARD HOMOSASSA FL 34446 352.621.3513 FAX 352.621.3514

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 9881

Client CITRUS COUNTY UTILITIES **Sample Number** E081704
Project LANDFILL LEACHATE PLANT **Date/Time Sampled** 8/12/08 1120 HRS
Sample Description WWTP/EFF **Date/Time Received** 8/12/08 1245 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	4.49	1.4 mg/L	SJL	8/13/08 1435 HRS
SM2540-D	TSS	mg/L	<1	1.0 mg/L	SJL	8/13/08 0952 HRS
SM4500-NO3-E	NITRATE	mg/L	0.53	0.10 mg/L	CK	8/13/08 0900 HRS

Sally Ann Cassillo
Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL

S.A.C. ENVIRONMENTAL LABORATORY INC
FLDOH CERTIFICATION #84492
ANALYTICAL REPORT

SOLID WASTE MANAGEMENT
PO BOX 340
LECANTO FL 34460

Invoice Number 9922

Client CITRUS COUNTY UTILITIES Sample Number E081862
Project LANDFILL LEACHATE PLANT Date/Time Sampled 9/04/08 0835 HRS
Sample Description WWTP/EFF Date/Time Received 9/04/08 0947 HRS

Method	Analytes	Units	Results	MDL mg/L	Analyst	Analysis Date/Time
SM5210-B	CBOD	mg/L	4.08	1.4 mg/L	SJL	9/04/08 1040 HRS
SM2640-D	TSS	mg/L	<1	1.0 mg/L	SJL	9/05/08 0916 HRS
SM4500-NO3-E	NITRATE	mg/L	2.65	0.10 mg/L	CK	9/04/08 1015 HRS


Laboratory Manager

These results relate only to this sample.

For all results qualified with an I, the PQL is defined to be 4 times the MDL.

ATTACHMENT 2

**QUARTERLY AND ANNUAL LEACHATE
ANALYTICAL RESULTS**

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 172

Well Name: LS Master

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 9:30:00 AM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000094	CONDUCTIVITY (FIELD)	E	No	EPA 120.1	7/23/2008 9:30:00 AM	3806	µmhos/cm	
000406	pH (FIELD)	E	No	EPA 150.1	7/23/2008 9:30:00 AM	7.02	pH Units	
000010	TEMPERATURE (FIELD)	E	No	EPA 170.1	7/23/2008 9:30:00 AM	30.95	°C	
082078	TURBIDITY (FIELD)	E	No	EPA 180.1	7/23/2008 9:30:00 AM	19.9	NTU	
000299	DISSOLVED OXYGEN (FIELD)	E	No	EPA 360.1	7/23/2008 9:30:00 AM	3.13	mg/L	
038437	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	7/25/2008 6:40:00 PM	<0.003	µg/L	0.003µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	7/25/2008 6:40:00 PM	<0.006	µg/L	0.006µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.50	µg/L	0.50µg/L
077168	1,1-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.39	µg/L	0.39µg/L
034551	1,2,4-TRICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.40	µg/L	0.40µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.40	µg/L	0.40µg/L
034566	1,3-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.36	µg/L	0.36µg/L
077173	1,3-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.25	µg/L	0.25µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
077170	2,2-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.32	µg/L	0.32µg/L
077103	2-HEXANONE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<1.5	µg/L	1.5µg/L
076997	ACETONITRILE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<10	µg/L	10µg/L
034210	ACROLEIN	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<10	µg/L	10µg/L
034215	ACRYLONITRILE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<3.8	µg/L	3.8µg/L
078109	ALLYL CHLORIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.43	µg/L	0.43µg/L
034030	BENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
034301	CHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM	E	No	EPA 8260B	7/29/2008 8:37:00 PM	0.62 I	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
081520	CHLOROPRENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
077093	CIS-1,2-DICHLOROETHYLENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.25	µg/L	0.25µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 172

Well Name: LS Master

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 9:30:00 AM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
046361	DIBROMOMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.30	µg/L	0.30µg/L
034668	DICHLORODIFLUOROMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.33	µg/L	0.33µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.25	µg/L	0.25µg/L
073570	ETHYLMETHACRYLATE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.38	µg/L	0.38µg/L
034391	HEXACHLOROBUTADIENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.30	µg/L	0.30µg/L
077033	ISOBUTYL ALCOHOL	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<20	µg/L	20µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.71	µg/L	0.71µg/L
081593	METHACRYLONITRILE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<3.5	µg/L	3.5µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.33	µg/L	0.33µg/L
081597	METHYL METHACRYLATE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.45	µg/L	0.45µg/L
034423	METHYLENE CHLORIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
034696	NAPHTHALENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.22	µg/L	0.22µg/L
077007	PROPIONITRILE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<5.2	µg/L	5.2µg/L
077128	STYRENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES	E	No	EPA 8260B	7/29/2008 8:37:00 PM	<0.71	µg/L	0.71µg/L
046480	REDOX POTENTIAL (FIELD)	E	No	SM2580B	7/23/2008 9:30:00 AM	43.7	mV	

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 21790

Well Name: LS Phase II

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 9:00:00 AM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000094	CONDUCTIVITY (FIELD)	E	No	EPA 120.1	7/23/2008 9:00:00 AM	1953	µmhos/cm	
000406	pH (FIELD)	E	No	EPA 150.1	7/23/2008 9:00:00 AM	6.47	pH Units	
000010	TEMPERATURE (FIELD)	E	No	EPA 170.1	7/23/2008 9:00:00 AM	31.85	°C	
082078	TURBIDITY (FIELD)	E	No	EPA 180.1	7/23/2008 9:00:00 AM	31.1	NTU	
000299	DISSOLVED OXYGEN (FIELD)	E	No	EPA 360.1	7/23/2008 9:00:00 AM	0.62	mg/L	
038437	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	7/25/2008 6:28:00 PM	<0.003	µg/L	0.003µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	7/25/2008 6:28:00 PM	<0.006	µg/L	0.006µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.6	µg/L	1.6µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.1	µg/L	1.1µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.0	µg/L	2.0µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.0	µg/L	1.0µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	3.9 I	µg/L	1.0µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.5	µg/L	2.5µg/L
077168	1,1-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.0	µg/L	2.0µg/L
034551	1,2,4-TRICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.0	µg/L	2.0µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	8.7	µg/L	1.3µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.0	µg/L	2.0µg/L
034566	1,3-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.8	µg/L	1.8µg/L
077173	1,3-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.2	µg/L	1.2µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	14	µg/L	1.4µg/L
077170	2,2-DICHLOROPROPANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.6	µg/L	1.6µg/L
077103	2-HEXANONE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.5	µg/L	2.5µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<3.4	µg/L	3.4µg/L
081552	ACETONE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	95	µg/L	7.5µg/L
076997	ACETONITRILE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<50	µg/L	50µg/L
034210	ACROLEIN	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<50	µg/L	50µg/L
034215	ACRYLONITRILE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<19	µg/L	19µg/L
078109	ALLYL CHLORIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.2	µg/L	2.2µg/L
034030	BENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	34	µg/L	1.5µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.2	µg/L	2.2µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.2	µg/L	1.2µg/L
032104	BROMOFORM	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.0	µg/L	1.0µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.0	µg/L	2.0µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.1	µg/L	1.1µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
034301	CHLOROBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	2.41	µg/L	1.4µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<4.6	µg/L	4.6µg/L
032106	CHLOROFORM	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
081520	CHLOROPRENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.0	µg/L	1.0µg/L
077093	CIS-1,2-DICHLOROETHYLENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.1	µg/L	1.1µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.2	µg/L	1.2µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 21790

Well Name: LS Phase II

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 9:00:00 AM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
046361	DIBROMOMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.5	µg/L	1.5µg/L
034668	DICHLORODIFLUOROMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.6	µg/L	1.6µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	62	µg/L	1.2µg/L
073570	ETHYLMETHACRYLATE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.9	µg/L	1.9µg/L
034391	HEXACHLOROBUTADIENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.5	µg/L	1.5µg/L
077033	ISOBUTYL ALCOHOL	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<100	µg/L	100µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	7/29/2008 8:07:00 PM	84	µg/L	3.6µg/L
081593	METHACRYLONITRILE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<18	µg/L	18µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	84	µg/L	6.5µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.6	µg/L	1.6µg/L
081597	METHYL METHACRYLATE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.2	µg/L	2.2µg/L
034423	METHYLENE CHLORIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.4	µg/L	1.4µg/L
034696	NAPHTHALENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	2.8 I	µg/L	1.4µg/L
077135	O-XYLENES	E	No	EPA 8260B	7/29/2008 8:07:00 PM	18	µg/L	1.1µg/L
077007	PROPIONITRILE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<26	µg/L	26µg/L
077128	STYRENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	2.2 I	µg/L	1.0µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.0	µg/L	1.0µg/L
034010	TOLUENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	39	µg/L	1.3µg/L
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<2.2	µg/L	2.2µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.0	µg/L	1.0µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<3.4	µg/L	3.4µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.3	µg/L	1.3µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.3	µg/L	1.3µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	<1.3	µg/L	1.3µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	7/29/2008 8:07:00 PM	17	µg/L	1.1µg/L
081551	XYLENES	E	No	EPA 8260B	7/29/2008 8:07:00 PM	100	µg/L	3.6µg/L
046480	REDOX POTENTIAL (FIELD)	E	No	SM2580B	7/23/2008 9:00:00 AM	-84.1	mV	

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: LS Composite

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
070300	TOTAL DISSOLVED SOLIDS	E	No	EPA 160.1	7/26/2008 4:15:00 AM	1300	mg/L	10mg/L
000940	CHLORIDE	E	No	EPA 300.0	7/24/2008 9:49:00 PM	380	mg/L	1.2mg/L
000620	NITRATE NITROGEN	E	No	EPA 300.0	7/24/2008 9:30:00 PM	1.4	mg/L	0.004mg/L
000720	CYANIDE	E	No	EPA 335.2	7/28/2008 7:20:00 PM	<0.0054	mg/L	0.0054mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	7/28/2008 3:49:00 PM	120	mg/L	0.83mg/L
000745	TOTAL SULFIDE	E	No	EPA 376.1	7/28/2008 4:45:00 PM	<0.45	mg/L	0.45mg/L
001097	ANTIMONY	E	No	EPA 6020	7/25/2008 7:43:00 PM	0.842 I	µg/L	0.820µg/L
001002	ARSENIC	E	No	EPA 6020	7/25/2008 7:43:00 PM	22.2	µg/L	1.10µg/L
001007	BARIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	51.2 IV	µg/L	5.00µg/L
001012	BERYLLIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	<0.730	µg/L	0.730µg/L
001027	CADMIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	1.83 I	µg/L	0.820µg/L
001034	CHROMIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	5.01 IV	µg/L	0.690µg/L
001037	COBALT	E	No	EPA 6020	7/25/2008 7:43:00 PM	4.62 I	µg/L	0.500µg/L
001042	COPPER	E	No	EPA 6020	7/25/2008 7:43:00 PM	1.79 I	µg/L	0.500µg/L
001045	IRON	E	No	EPA 6020	7/28/2008 3:51:00 PM	41100 V	µg/L	56.0µg/L
001051	LEAD	E	No	EPA 6020	7/25/2008 7:43:00 PM	1.28 IV	µg/L	0.500µg/L
001067	NICKEL	E	No	EPA 6020	7/25/2008 7:43:00 PM	21.5	µg/L	0.500µg/L
001147	SELENIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	<3.10	µg/L	3.10µg/L
001077	SILVER	E	No	EPA 6020	7/25/2008 7:43:00 PM	0.127 I	µg/L	0.072µg/L
000929	SODIUM	E	No	EPA 6020	7/28/2008 3:51:00 PM	252 V	mg/L	2.00mg/L
001059	THALLIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	0.555 I	µg/L	0.200µg/L
001102	TIN	E	No	EPA 6020	7/25/2008 7:43:00 PM	<5.30	µg/L	5.30µg/L
001087	VANADIUM	E	No	EPA 6020	7/25/2008 7:43:00 PM	2.95 IV	µg/L	0.500µg/L
001092	ZINC	E	No	EPA 6020	7/25/2008 7:43:00 PM	14.9 I	µg/L	6.60µg/L
071900	MERCURY	E	No	EPA 7470A	7/31/2008 10:02:00 AM	<0.015	µg/L	0.015µg/L
039360	4,4'-DDD	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.028	µg/L	0.028µg/L
039365	4,4'-DDE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.034	µg/L	0.034µg/L
039370	4,4'-DDT	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.026	µg/L	0.026µg/L
039330	ALDRIN	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.040	µg/L	0.040µg/L
039348	ALPHA CHLORDANE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.028	µg/L	0.028µg/L
039337	ALPHA-BHC	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.020	µg/L	0.020µg/L
039338	BETA-BHC	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.038	µg/L	0.038µg/L
039350	CHLORDANE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.062	µg/L	0.062µg/L
034259	DELTA-BHC	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.028	µg/L	0.028µg/L
039380	DIELDRIN	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.032	µg/L	0.032µg/L
034361	ENDOSULFAN I	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.042	µg/L	0.042µg/L
034356	ENDOSULFAN II	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.024	µg/L	0.024µg/L
034351	ENDOSULFAN SULFATE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.026	µg/L	0.026µg/L
039390	ENDRIN	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.032	µg/L	0.032µg/L
034366	ENDRIN ALDEHYDE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.022	µg/L	0.022µg/L
039810	GAMMA CHLORDANE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.040	µg/L	0.040µg/L
039340	GAMMA-BHC (LINDANE)	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.030	µg/L	0.030µg/L
039410	HEPTACHLOR	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.032	µg/L	0.032µg/L
039420	HEPTACHLOR EPOXIDE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.028	µg/L	0.028µg/L
039480	METHOXYCHLOR	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.036	µg/L	0.036µg/L

* Attach Laboratory Reports

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: LS Composite

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039400	TOXAPHENE	E	No	EPA 8081A	8/1/2008 5:23:00 PM	<0.18	µg/L	0.18µg/L
081297	PCB 1016/1242	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.31	µg/L	0.31µg/L
039488	PCB-1221	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.31	µg/L	0.31µg/L
039492	PCB-1232	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.31	µg/L	0.31µg/L
039500	PCB-1248	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.31	µg/L	0.31µg/L
039504	PCB-1254	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.31	µg/L	0.31µg/L
039508	PCB-1260	E	No	EPA 8082	7/31/2008 8:40:00 AM	<0.18	µg/L	0.18µg/L
081888	DISULFOTON	E	No	EPA 8141A	7/29/2008 8:12:00 AM	<0.072	µg/L	0.072µg/L
039740	2,4,5-T	E	No	EPA 8151A	8/9/2008 6:14:00 AM	<0.16	µg/L	0.16µg/L
039730	2,4-D	E	No	EPA 8151A	8/9/2008 6:14:00 AM	<0.26	µg/L	0.26µg/L
030191	DINOSEB	E	No	EPA 8151A	8/9/2008 6:14:00 AM	<0.20	µg/L	0.20µg/L
039032	PENTACHLOROPHENOL	E	No	EPA 8151A	8/9/2008 6:14:00 AM	<0.11	µg/L	0.11µg/L
039760	SILVEX (2,4,5-TP)	E	No	EPA 8151A	8/9/2008 6:14:00 AM	<0.17	µg/L	0.17µg/L
073652	000-TRIETHYLPHOSPHOROTHIOATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
077734	1,2,4,5-TETRACHLOROBENZENE (DIOXIN)	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.3	µg/L	2.3µg/L
073653	1,3,5-TRINITROBENZENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<4.0	µg/L	4.0µg/L
073599	1,4-NAPHTHOQUINONE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.2	µg/L	3.2µg/L
073600	1-NAPHTHYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.5	µg/L	3.5µg/L
077770	2,3,4,6-TETRACHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
077687	2,4,5-TRICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
034621	2,4,6-TRICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<6.1	µg/L	6.1µg/L
034601	2,4-DICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<5.8	µg/L	5.8µg/L
034606	2,4-DIMETHYLPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<5.2	µg/L	5.2µg/L
034616	2,4-DINITROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<5.7	µg/L	5.7µg/L
034611	2,4-DINITROTOLUENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.012	µg/L	0.012µg/L
077541	2,6-DICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
034626	2,6-DINITROTOLUENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
073501	2-ACETYLAMINOFLUORENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.2	µg/L	3.2µg/L
034581	2-CHLORONAPHTHALENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
034586	2-CHLOROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<5.7	µg/L	5.7µg/L
030204	2-METHYL-4,6-DINITROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<7.2	µg/L	7.2µg/L
077416	2-METHYLNAPHTHALENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.5	µg/L	2.5µg/L
073601	2-NAPHTHYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.6	µg/L	3.6µg/L
034591	2-NITROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<6.1	µg/L	6.1µg/L
977148	3 & 4-METHYL PHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<4.7	µg/L	4.7µg/L
034631	3,3'-DICHLOROBENZIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.2	µg/L	3.2µg/L
082213	3,3'-DIMETHYLBENZIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.2	µg/L	2.2µg/L
073591	3-METHYLCHOLANTHRENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
077581	4-AMINOBIIPHENYL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.2	µg/L	3.2µg/L
034636	4-BROMOPHENYL PHENYL ETHER	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
073529	4-CHLOROANILINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
034641	4-CHLOROPHENYL PHENYL ETHER	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
034646	4-NITROPHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.6	µg/L	2.6µg/L
073622	5-NITRO-O-TOLUIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
073559	7,12DIMETHYLBENZ (A) ANTHRACENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.3	µg/L	2.3µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: LS Composite

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034205	ACENAPHTHENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
034200	ACENAPHTHYLENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
081553	ACETOPHENONE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.3	µg/L	3.3µg/L
034220	ANTHRACENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.021	µg/L	0.021µg/L
034526	BENZO (A) ANTHRACENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.025	µg/L	0.025µg/L
034247	BENZO (A) PYRENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.019	µg/L	0.019µg/L
034230	BENZO (B) FLUORANTHENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.021	µg/L	0.021µg/L
034521	BENZO (GHI) PERYLENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.071	µg/L	0.071µg/L
034242	BENZO (K) FLUORANTHENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.020	µg/L	0.020µg/L
077147	BENZYL ALCOHOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
034292	BENZYL BUTYL PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.6	µg/L	3.6µg/L
034278	BIS (2-CHLOROETHOXY) METHANE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
034273	BIS (2-CHLOROETHYL) ETHER	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
034283	BIS (2-CHLOROISOPROPYL) ETHER	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
039100	BIS (2-ETHYLHEXYL) PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.4	µg/L	3.4µg/L
039460	CHLOROBENZILATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.015	µg/L	0.015µg/L
034320	CHRYSENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.024	µg/L	0.024µg/L
073540	DIALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.021	µg/L	0.021µg/L
034556	DIBENZO (A,H) ANTHRACENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.078	µg/L	0.078µg/L
081302	DIBENZOFURAN	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.1	µg/L	3.1µg/L
034336	DIETHYL PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
046314	DIMETHOATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.019	µg/L	0.019µg/L
034341	DIMETHYL PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.7	µg/L	3.7µg/L
039110	DI-n-BUTYL PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
034596	DI-n-OCTYL PHTHALATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.6	µg/L	3.6µg/L
039540	ETHYL PARATHION	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.017	µg/L	0.017µg/L
073571	ETHYLMETHANESULFONATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.0	µg/L	3.0µg/L
038462	FAMPHUR	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
034376	FLUORANTHENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.024	µg/L	0.024µg/L
034381	FLUORENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
039700	HEXACHLOROBENZENE (HCB)	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.027	µg/L	0.027µg/L
034391	HEXACHLOROBUTADIENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.025	µg/L	0.025µg/L
034386	HEXACHLOROCYCLOPENTADIENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<1.6	µg/L	1.6µg/L
034396	HEXACHLOROETHANE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.1	µg/L	2.1µg/L
073576	HEXACHLOROPROPENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<1.8	µg/L	1.8µg/L
034403	INDENO (1,2,3-cd) PYRENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.062	µg/L	0.062µg/L
039430	ISODRIN	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
034408	ISOPHORONE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
073582	ISOSAFROLE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.1	µg/L	3.1µg/L
081281	KEPONE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.5	µg/L	3.5µg/L
045622	M-DINITROBENZENE (1,2 or 1,3-dinitrobenzene)	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.1	µg/L	3.1µg/L
073589	METHAPYRILENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<9.3	µg/L	9.3µg/L
073595	METHYL METHANESULFONATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.3	µg/L	2.3µg/L
039600	METHYL PARATHION	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.014	µg/L	0.014µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: LS Composite

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
078300	M-NITROANILINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.3	µg/L	3.3µg/L
034447	NITROBENZENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
073611	N-NITROSODIETHYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
034438	N-NITROSODIMETHYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<1.8	µg/L	1.8µg/L
073609	N-NITROSODI-N-BUTYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
034428	N-NITROSODI-N-PROPYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.4	µg/L	3.4µg/L
34433	N-NITROSODIPHENYLAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.5	µg/L	3.5µg/L
073613	N-NITROSOMETHYLETHALAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
073619	N-NITROSOPIPERIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
078206	N-NITROSOPYRROLIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
077152	O-CRESOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.4	µg/L	2.4µg/L
078142	O-NITROANILINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.7	µg/L	3.7µg/L
077142	O-TOLUIDINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	21	µg/L	2.8µg/L
034452	P-CHLORO-M-CRESOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<6.3	µg/L	6.3µg/L
073558	P-DIMETHYLAMINO AZOBENZENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
077793	PENTACHLOROBENZENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.5	µg/L	2.5µg/L
081316	PENTACHLORONITROBENZENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.019	µg/L	0.019µg/L
073626	PHENACETIN	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.2	µg/L	3.2µg/L
034461	PHENANTHRENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.9	µg/L	2.9µg/L
034694	PHENOL	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.6	µg/L	2.6µg/L
046313	PHORATE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.029	µg/L	0.029µg/L
030342	P-NITROANILINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<3.3	µg/L	3.3µg/L
073628	P-PHENYLENEDIAMINE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<7.3	µg/L	7.3µg/L
039080	PRONAMIDE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
034469	PYRENE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<0.024	µg/L	0.024µg/L
077545	SAFROLE	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.7	µg/L	2.7µg/L
073553	THIONAZIN	E	No	EPA 8270C	7/30/2008 8:42:00 PM	<2.8	µg/L	2.8µg/L
000425	BICARBONATE ALKALINITY AS CaCO3	E	No	SM 4500	7/25/2008 3:08:00 PM	970	mg/L	9.0mg/L

Citrus County Central Landfill

Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 175

Well Name: Leachate Effluent

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008 1:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
000094	CONDUCTIVITY (FIELD)	E	No	EPA 120.1	7/22/2008 1:00:00 PM	3178	µmhos/cm	
000406	pH (FIELD)	E	No	EPA 150.1	7/22/2008 1:00:00 PM	9.01	pH Units	
070300	TOTAL DISSOLVED SOLIDS	E	No	EPA 160.1	7/24/2008 11:35:00 PM	2100	mg/L	10mg/L
000010	TEMPERATURE (FIELD)	E	No	EPA 170.1	7/22/2008 1:00:00 PM	32.50	°C	
082078	TURBIDITY (FIELD)	E	No	EPA 180.1	7/22/2008 1:00:00 PM	15.9	NTU	
000940	CHLORIDE	E	No	EPA 300.0	7/24/2008 12:53:00 PM	830	mg/L	1.2mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	7/28/2008 3:17:00 PM	0.057	mg/L	0.008mg/L
000299	DISSOLVED OXYGEN (FIELD)	E	No	EPA 360.1	7/22/2008 1:00:00 PM	18.5	mg/L	
001097	ANTIMONY	E	No	EPA 6020	7/24/2008 10:16:00 PM	0.975 I	µg/L	0.820µg/L
001002	ARSENIC	E	No	EPA 6020	7/24/2008 10:16:00 PM	19.6	µg/L	1.10µg/L
001007	BARIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	43.7 IV	µg/L	5.00µg/L
001012	BERYLLIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	<0.730	µg/L	0.730µg/L
001027	CADMIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	<0.820	µg/L	0.820µg/L
001034	CHROMIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	4.71 IV	µg/L	0.690µg/L
001037	COBALT	E	No	EPA 6020	7/24/2008 10:16:00 PM	13.5	µg/L	0.500µg/L
001042	COPPER	E	No	EPA 6020	7/24/2008 10:16:00 PM	5.38 I	µg/L	0.500µg/L
001045	IRON	E	No	EPA 6020	7/24/2008 10:16:00 PM	67.1 V	µg/L	2.80µg/L
001051	LEAD	E	No	EPA 6020	7/24/2008 10:16:00 PM	1.20 IV	µg/L	0.500µg/L
001067	NICKEL	E	No	EPA 6020	7/24/2008 10:16:00 PM	59.6	µg/L	0.500µg/L
001147	SELENIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	<3.10	µg/L	3.10µg/L
001077	SILVER	E	No	EPA 6020	7/24/2008 10:16:00 PM	0.092 I	µg/L	0.072µg/L
000929	SODIUM	E	No	EPA 6020	7/25/2008 10:02:00 PM	497 V	mg/L	2.00mg/L
001059	THALLIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	0.549 I	µg/L	0.200µg/L
001087	VANADIUM	E	No	EPA 6020	7/24/2008 10:16:00 PM	3.52 IV	µg/L	0.500µg/L
001092	ZINC	E	No	EPA 6020	7/24/2008 10:16:00 PM	31.2 IV	µg/L	6.60µg/L
071900	MERCURY	E	No	EPA 7470A	7/28/2008 8:44:00 AM	<0.015	µg/L	0.015µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	7/25/2008 6:17:00 PM	<0.003	µg/L	0.003µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	7/25/2008 6:17:00 PM	<0.006	µg/L	0.006µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.50	µg/L	0.50µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.39	µg/L	0.39µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.40	µg/L	0.40µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.27	µg/L	0.27µg/L
077103	2-HEXANONE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	13	µg/L	1.5µg/L
034215	ACRYLONITRILE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<3.8	µg/L	3.8µg/L
034030	BENZENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.43	µg/L	0.43µg/L

* Attach Laboratory Reports

Citrus County Central Landfill

Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #: 175

Well Name: Leachate Effluent

Classification of Ground Water: GII

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008 1:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	15	µg/L	0.25µg/L
032104	BROMOFORM	E	No	EPA 8260B	7/27/2008 9:58:00 PM	4.8	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.27	µg/L	0.27µg/L
034301	CHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM	E	No	EPA 8260B	7/27/2008 9:58:00 PM	12	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.27	µg/L	0.27µg/L
077093	CIS-1,2-DICHLOROETHYLENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	10	µg/L	0.25µg/L
046361	DIBROMOMETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.30	µg/L	0.30µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.25	µg/L	0.25µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.71	µg/L	0.71µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	1.7 I	µg/L	1.3µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.33	µg/L	0.33µg/L
034423	METHYLENE CHLORIDE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.22	µg/L	0.22µg/L
077128	STYRENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.26	µg/L	0.26µg/L
82080	TOTAL TRIHALOMETHANES	E	No	EPA 8260B	7/27/2008	41.8	µg/L	
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES	E	No	EPA 8260B	7/27/2008 9:58:00 PM	<0.71	µg/L	0.71µg/L
046480	REDOX POTENTIAL (FIELD)	E	No	SM2580B	7/22/2008 1:00:00 PM	32.6	mV	

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: Sludge

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 8:30:00 AM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
001002	ARSENIC	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.001	mg/L	0.001mg/L
001007	BARIUM	E	No	EPA 6020	7/29/2008 6:10:00 PM	0.121 I	mg/L	0.005mg/L
001027	CADMIUM	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.0008	mg/L	0.0008mg/L
001034	CHROMIUM	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.0007	mg/L	0.0007mg/L
001051	LEAD	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.0005	mg/L	0.0005mg/L
001147	SELENIUM	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.003	mg/L	0.003mg/L
001077	SILVER	E	No	EPA 6020	7/29/2008 6:10:00 PM	<0.00007	mg/L	0.00007mg/L
071900	MERCURY	E	No	EPA 7470A	7/31/2008 7:57:00 AM	<0.0002	mg/L	0.0002mg/L
039350	CHLORDANE	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<2	µg/L	2µg/L
039390	ENDRIN	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<0.8	µg/L	0.8µg/L
039340	GAMMA-BHC (LINDANE)	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<0.8	µg/L	0.8µg/L
039410	HEPTACHLOR	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<0.8	µg/L	0.8µg/L
039420	HEPTACHLOR EPOXIDE	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<0.7	µg/L	0.7µg/L
039480	METHOXYCHLOR	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<0.9	µg/L	0.9µg/L
039400	TOXAPHENE	E	No	EPA 8081A	8/1/2008 8:12:00 PM	<4	µg/L	4µg/L
039730	2,4-D	E	No	EPA 8151A	8/9/2008 3:35:00 AM	<1	µg/L	1µg/L
039760	SILVEX (2,4,5-TP)	E	No	EPA 8151A	8/9/2008 3:35:00 AM	<0.9	µg/L	0.9µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<50	µg/L	50µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<26	µg/L	26µg/L
034030	BENZENE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<30	µg/L	30µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<27	µg/L	27µg/L
034301	CHLOROBENZENE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<28	µg/L	28µg/L
032106	CHLOROFORM	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<27	µg/L	27µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<130	µg/L	130µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<20	µg/L	20µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<26	µg/L	26µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	7/30/2008 9:58:00 PM	<22	µg/L	22µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<11	µg/L	11µg/L
077687	2,4,5-TRICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<15	µg/L	15µg/L
034621	2,4,6-TRICHLOROPHENOL	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<30	µg/L	30µg/L
034611	2,4-DINITROTOLUENE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<15	µg/L	15µg/L
977148	3 & 4-METHYL PHENOL	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<24	µg/L	24µg/L
039700	HEXACHLOROBENZENE (HCB)	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<13	µg/L	13µg/L
034391	HEXACHLOROBUTADIENE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<9.0	µg/L	9.0µg/L
034396	HEXACHLOROETHANE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<10	µg/L	10µg/L
034447	NITROBENZENE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<14	µg/L	14µg/L
077152	O-CRESOL	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<12	µg/L	12µg/L
039032	PENTACHLOROPHENOL	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<30	µg/L	30µg/L
077045	PYRIDINE	E	No	EPA 8270C	7/30/2008 11:04:00 PM	<12	µg/L	12µg/L
000403	pH (LAB)	E	No	EPA 9045D	7/28/2008 9:47:00 AM	5.7	pH Units	
070318	PERCENT SOLIDS	E	No	SM18 2540G	7/30/2008 4:28:00 PM	0.612	% by Vol	0.0010% by Vol

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK1 (08S2CCEFFEQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008 12:50:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
070300	TOTAL DISSOLVED SOLIDS	E	No	EPA 160.1	7/24/2008 11:35:00 PM	<10	mg/L	10mg/L
000940	CHLORIDE	E	No	EPA 300.0	7/24/2008 1:03:00 AM	0.90 I	mg/L	0.05mg/L
000610	AMMONIA NITROGEN	E	No	EPA 350.1	7/28/2008 3:16:00 PM	0.028	mg/L	0.008mg/L
001097	ANTIMONY	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.820	µg/L	0.820µg/L
001002	ARSENIC	E	No	EPA 6020	7/24/2008 3:57:00 PM	<1.10	µg/L	1.10µg/L
001007	BARIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	11.8 IV	µg/L	5.00µg/L
001012	BERYLLIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.730	µg/L	0.730µg/L
001027	CADMIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.820	µg/L	0.820µg/L
001034	CHROMIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	1.07 IV	µg/L	0.690µg/L
001037	COBALT	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.500	µg/L	0.500µg/L
001042	COPPER	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.500	µg/L	0.500µg/L
001045	IRON	E	No	EPA 6020	7/24/2008 3:57:00 PM	26.0 IV	µg/L	2.80µg/L
001051	LEAD	E	No	EPA 6020	7/24/2008 3:57:00 PM	0.732 IV	µg/L	0.500µg/L
001067	NICKEL	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.500	µg/L	0.500µg/L
001147	SELENIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	<3.10	µg/L	3.10µg/L
001077	SILVER	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.072	µg/L	0.072µg/L
000929	SODIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	0.474 IV	mg/L	0.100mg/L
001059	THALLIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	<0.200	µg/L	0.200µg/L
001087	VANADIUM	E	No	EPA 6020	7/24/2008 3:57:00 PM	1.46 IV	µg/L	0.500µg/L
001092	ZINC	E	No	EPA 6020	7/24/2008 3:57:00 PM	7.90 IV	µg/L	6.60µg/L
071900	MERCURY	E	No	EPA 7470A	7/28/2008 8:41:00 AM	<0.015	µg/L	0.015µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE	E	No	EPA 8011	7/25/2008 6:05:00 PM	<0.003	µg/L	0.003µg/L
077651	1,2-DIBROMOETHANE (EDB)	E	No	EPA 8011	7/25/2008 6:05:00 PM	<0.006	µg/L	0.006µg/L
077562	1,1,1,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.50	µg/L	0.50µg/L
077443	1,2,3-TRICHLOROPROPANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.39	µg/L	0.39µg/L
034536	1,2-DICHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.40	µg/L	0.40µg/L
034571	1,4-DICHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L
077103	2-HEXANONE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<1.5	µg/L	1.5µg/L
034215	ACRYLONITRILE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<3.8	µg/L	3.8µg/L
034030	BENZENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK1 (08S2CCEFFEQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008 12:50:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034301	CHLOROBENZENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L
077093	CIS-1,2-DICHLOROETHYLENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.25	µg/L	0.25µg/L
046361	DIBROMOMETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.30	µg/L	0.30µg/L
034371	ETHYLBENZENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.25	µg/L	0.25µg/L
085795	M&P- XYLENES	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.71	µg/L	0.71µg/L
081595	METHYL ETHYL KETONE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.33	µg/L	0.33µg/L
034423	METHYLENE CHLORIDE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.22	µg/L	0.22µg/L
077128	STYRENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES	E	No	EPA 8260B	7/27/2008 9:27:00 PM	<0.71	µg/L	0.71µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
070300	TOTAL DISSOLVED SOLIDS	SP	No	EPA 160.1	7/26/2008 4:15:00 AM	<10	mg/L	10mg/L
000940	CHLORIDE	SP	No	EPA 300.0	7/24/2008 8:34:00 PM	0.88 I	mg/L	0.05mg/L
000620	NITRATE NITROGEN	SP	No	EPA 300.0	7/24/2008 8:34:00 PM	<0.004	mg/L	0.004mg/L
000720	CYANIDE	SP	No	EPA 335.2	7/28/2008 7:20:00 PM	<0.0054	mg/L	0.0054mg/L
000610	AMMONIA NITROGEN	SP	No	EPA 350.1	7/28/2008 3:36:00 PM	0.025	mg/L	0.008mg/L
000745	TOTAL SULFIDE	SP	No	EPA 376.1	7/28/2008 4:45:00 PM	<0.45	mg/L	0.45mg/L
001097	ANTIMONY	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.820	µg/L	0.820µg/L
001002	ARSENIC	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<1.10	µg/L	1.10µg/L
001007	BARIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	8.91 IV	µg/L	5.00µg/L
001012	BERYLLIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.730	µg/L	0.730µg/L
001027	CADMIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.820	µg/L	0.820µg/L
001034	CHROMIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.690	µg/L	0.690µg/L
001037	COBALT	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.500	µg/L	0.500µg/L
001042	COPPER	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.500	µg/L	0.500µg/L
001045	IRON	SP	No	EPA 6020	7/25/2008 6:54:00 PM	18.3 IV	µg/L	2.80µg/L
001051	LEAD	SP	No	EPA 6020	7/25/2008 6:54:00 PM	0.641 IV	µg/L	0.500µg/L
001067	NICKEL	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.500	µg/L	0.500µg/L
001147	SELENIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<3.10	µg/L	3.10µg/L
001077	SILVER	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.072	µg/L	0.072µg/L
000929	SODIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	0.241 IV	mg/L	0.100mg/L
001059	THALLIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<0.200	µg/L	0.200µg/L
001102	TIN	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<5.30	µg/L	5.30µg/L
001087	VANADIUM	SP	No	EPA 6020	7/25/2008 6:54:00 PM	0.719 IV	µg/L	0.500µg/L
001092	ZINC	SP	No	EPA 6020	7/25/2008 6:54:00 PM	<6.60	µg/L	6.60µg/L
071900	MERCURY	SP	No	EPA 7470A	7/31/2008 8:56:00 AM	<0.015	µg/L	0.015µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE	SP	No	EPA 8011	7/25/2008 7:27:00 PM	<0.003	µg/L	0.003µg/L
077651	1,2-DIBROMOETHANE (EDB)	SP	No	EPA 8011	7/25/2008 7:27:00 PM	<0.006	µg/L	0.006µg/L
039360	4,4'-DDD	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.014	µg/L	0.014µg/L
039365	4,4'-DDE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.017	µg/L	0.017µg/L
039370	4,4'-DDT	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.013	µg/L	0.013µg/L
039330	ALDRIN	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.020	µg/L	0.020µg/L
039348	ALPHA CHLORDANE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.014	µg/L	0.014µg/L
039337	ALPHA-BHC	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.010	µg/L	0.010µg/L
039338	BETA-BHC	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.019	µg/L	0.019µg/L
039350	CHLORDANE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.031	µg/L	0.031µg/L
034259	DELTA-BHC	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.014	µg/L	0.014µg/L
039380	DIELDRIN	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.016	µg/L	0.016µg/L
034361	ENDOSULFAN I	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.021	µg/L	0.021µg/L
034356	ENDOSULFAN II	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.012	µg/L	0.012µg/L
034351	ENDOSULFAN SULFATE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.013	µg/L	0.013µg/L
039390	ENDRIN	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.016	µg/L	0.016µg/L
034366	ENDRIN ALDEHYDE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.011	µg/L	0.011µg/L
039810	GAMMA CHLORDANE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.020	µg/L	0.020µg/L
039340	GAMMA-BHC (LINDANE)	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.015	µg/L	0.015µg/L
039410	HEPTACHLOR	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.016	µg/L	0.016µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039420	HEPTACHLOR EPOXIDE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.014	µg/L	0.014µg/L
039480	METHOXYCHLOR	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.018	µg/L	0.018µg/L
039400	TOXAPHENE	SP	No	EPA 8081A	7/31/2008 8:16:00 AM	<0.090	µg/L	0.090µg/L
081297	PCB 1016/1242	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.31	µg/L	0.31µg/L
039488	PCB-1221	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.31	µg/L	0.31µg/L
039492	PCB-1232	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.31	µg/L	0.31µg/L
039500	PCB-1248	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.31	µg/L	0.31µg/L
039504	PCB-1254	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.31	µg/L	0.31µg/L
039508	PCB-1260	SP	No	EPA 8082	7/31/2008 8:16:00 AM	<0.18	µg/L	0.18µg/L
081888	DISULFOTON	SP	No	EPA 8141A	7/29/2008 6:08:00 AM	<0.080	µg/L	0.080µg/L
039740	2,4,5-T	SP	No	EPA 8151A	8/9/2008 5:34:00 AM	<0.080	µg/L	0.080µg/L
039730	2,4-D	SP	No	EPA 8151A	8/9/2008 5:34:00 AM	<0.13	µg/L	0.13µg/L
030191	DINOSEB	SP	No	EPA 8151A	8/9/2008 5:34:00 AM	<0.10	µg/L	0.10µg/L
039032	PENTACHLOROPHENOL	SP	No	EPA 8151A	8/9/2008 5:34:00 AM	<0.056	µg/L	0.056µg/L
039760	SILVEX (2,4,5-TP)	SP	No	EPA 8151A	8/9/2008 5:34:00 AM	<0.087	µg/L	0.087µg/L
077562	1,1,1,2-TETRACHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.50	µg/L	0.50µg/L
077168	1,1-DICHLOROPROPENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
077443	1,2,3-TRICHLOROPROPANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.39	µg/L	0.39µg/L
034551	1,2,4-TRICHLOROBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.40	µg/L	0.40µg/L
034536	1,2-DICHLOROBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.40	µg/L	0.40µg/L
034566	1,3-DICHLOROBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.36	µg/L	0.36µg/L
077173	1,3-DICHLOROPROPANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.25	µg/L	0.25µg/L
034571	1,4-DICHLOROBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
077170	2,2-DICHLOROPROPANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.32	µg/L	0.32µg/L
077103	2-HEXANONE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<1.5	µg/L	1.5µg/L
076997	ACETONITRILE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<10	µg/L	10µg/L
034210	ACROLEIN	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<10	µg/L	10µg/L
034215	ACRYLONITRILE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<3.8	µg/L	3.8µg/L
078109	ALLYL CHLORIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.43	µg/L	0.43µg/L
034030	BENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034301	CHLOROBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
081520	CHLOROPRENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
077093	CIS-1,2-DICHLOROETHYLENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.25	µg/L	0.25µg/L
046361	DIBROMOMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.30	µg/L	0.30µg/L
034668	DICHLORODIFLUOROMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.33	µg/L	0.33µg/L
034371	ETHYLBENZENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.25	µg/L	0.25µg/L
073570	ETHYLMETHACRYLATE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.38	µg/L	0.38µg/L
034391	HEXACHLOROBUTADIENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.30	µg/L	0.30µg/L
077033	ISOBUTYL ALCOHOL	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<20	µg/L	20µg/L
085795	M&P- XYLENES	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.71	µg/L	0.71µg/L
081593	METHACRYLONITRILE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<3.5	µg/L	3.5µg/L
081595	METHYL ETHYL KETONE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.33	µg/L	0.33µg/L
081597	METHYL METHACRYLATE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.45	µg/L	0.45µg/L
034423	METHYLENE CHLORIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
034696	NAPHTHALENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.22	µg/L	0.22µg/L
077007	PROPIONITRILE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<5.2	µg/L	5.2µg/L
077128	STYRENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES	SP	No	EPA 8260B	7/31/2008 9:01:00 PM	<0.71	µg/L	0.71µg/L
073652	000-TRIETHYLPHOSPHOROTHIOATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
077734	1,2,4,5-TETRACHLOROBENZENE (DIOXIN)	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.3	µg/L	2.3µg/L
073653	1,3,5-TRINITROBENZENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<4.0	µg/L	4.0µg/L
073599	1,4-NAPHTHOQUINONE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.2	µg/L	3.2µg/L
073600	1-NAPHTHYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.5	µg/L	3.5µg/L
077770	2,3,4,6-TETRACHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
077687	2,4,5-TRICHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
034621	2,4,6-TRICHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<6.1	µg/L	6.1µg/L
034601	2,4-DICHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<5.8	µg/L	5.8µg/L
034606	2,4-DIMETHYLPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<5.2	µg/L	5.2µg/L
034616	2,4-DINITROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<5.7	µg/L	5.7µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034611	2,4-DINITROTOLUENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.012	µg/L	0.012µg/L
077541	2,6-DICHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
034626	2,6-DINITROTOLUENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
073501	2-ACETYLAMINOFLUORENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.2	µg/L	3.2µg/L
034581	2-CHLORONAPHTHALENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034586	2-CHLOROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<5.7	µg/L	5.7µg/L
030204	2-METHYL-4,6-DINITROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<7.2	µg/L	7.2µg/L
077416	2-METHYLNAPHTHALENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.5	µg/L	2.5µg/L
073601	2-NAPHTHYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.6	µg/L	3.6µg/L
034591	2-NITROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<6.1	µg/L	6.1µg/L
977148	3 & 4-METHYL PHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<4.7	µg/L	4.7µg/L
034631	3,3'-DICHLOROBENZIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.2	µg/L	3.2µg/L
082213	3,3'-DIMETHYLBENZIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.2	µg/L	2.2µg/L
073591	3-METHYLCHOLANTHRENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
077581	4-AMINOBIIPHENYL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.2	µg/L	3.2µg/L
034636	4-BROMOPHENYL PHENYL ETHER	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
073529	4-CHLOROANILINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
034641	4-CHLOROPHENYL PHENYL ETHER	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034646	4-NITROPHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.6	µg/L	2.6µg/L
073622	5-NITRO-O-TOLUIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
073559	7,12DIMETHYLBENZ (A) ANTHRACENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.3	µg/L	2.3µg/L
034205	ACENAPHTHENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
034200	ACENAPHTHYLENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
081553	ACETOPHENONE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.3	µg/L	3.3µg/L
034220	ANTHRACENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.021	µg/L	0.021µg/L
034526	BENZO (A) ANTHRACENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.025	µg/L	0.025µg/L
034247	BENZO (A) PYRENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.019	µg/L	0.019µg/L
034230	BENZO (B) FLUORANTHENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.021	µg/L	0.021µg/L
034521	BENZO (GH) PERYLENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.071	µg/L	0.071µg/L
034242	BENZO (K) FLUORANTHENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.020	µg/L	0.020µg/L
077147	BENZYL ALCOHOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034292	BENZYL BUTYL PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.6	µg/L	3.6µg/L
034278	BIS (2-CHLOROETHOXY) METHANE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034273	BIS (2-CHLOROETHYL) ETHER	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
034283	BIS (2-CHLOROISOPROPYL) ETHER	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
039100	BIS (2-ETHYLHEXYL) PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.4	µg/L	3.4µg/L
039460	CHLOROBENZILATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.015	µg/L	0.015µg/L
034320	CHRYSENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.024	µg/L	0.024µg/L
073540	DIALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.021	µg/L	0.021µg/L
034556	DIBENZO (A,H) ANTHRACENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.078	µg/L	0.078µg/L
081302	DIBENZOFURAN	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.1	µg/L	3.1µg/L
034336	DIETHYL PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
046314	DIMETHOATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.019	µg/L	0.019µg/L
034341	DIMETHYL PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.7	µg/L	3.7µg/L
039110	DI-n-BUTYL PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
034596	DI-n-OCTYL PHTHALATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.6	µg/L	3.6µg/L
039540	ETHYL PARATHION	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.017	µg/L	0.017µg/L
073571	ETHYLMETHANESULFONATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.0	µg/L	3.0µg/L
038462	FAMPHUR	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034376	FLUORANTHENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.024	µg/L	0.024µg/L
034381	FLUORENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
039700	HEXACHLOROBENZENE (HCB)	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.027	µg/L	0.027µg/L
034386	HEXACHLOROCYCLOPENTADIENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<1.6	µg/L	1.6µg/L
034396	HEXACHLOROETHANE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.1	µg/L	2.1µg/L
073576	HEXACHLOROPROPENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<1.8	µg/L	1.8µg/L
034403	INDENO (1,2,3-cd) PYRENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.062	µg/L	0.062µg/L
039430	ISODRIN	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
034408	ISOPHORONE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
073582	ISOSAFROLE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.1	µg/L	3.1µg/L
081281	KEPONE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.5	µg/L	3.5µg/L
045622	M-DINITROBENZENE (1,2 or 1,3-dinitrobenzene)	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.1	µg/L	3.1µg/L
073589	METHAPYRILENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<9.3	µg/L	9.3µg/L
073595	METHYL METHANESULFONATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.3	µg/L	2.3µg/L
039600	METHYL PARATHION	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.014	µg/L	0.014µg/L
078300	M-NITROANILINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.3	µg/L	3.3µg/L
034447	NITROBENZENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
073611	N-NITROSODIETHYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
034438	N-NITROSODIMETHYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<1.8	µg/L	1.8µg/L
073609	N-NITROSODI-N-BUTYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
034428	N-NITROSODI-N-PROPYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.4	µg/L	3.4µg/L
34433	N-NITROSODIPHENYLAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.5	µg/L	3.5µg/L
073613	N-NITROSOMETHYLETHALAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
073619	N-NITROSOPIPERIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
078206	N-NITROSOPYRROLIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
077152	O-CRESOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.4	µg/L	2.4µg/L
078142	O-NITROANILINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.7	µg/L	3.7µg/L
077142	O-TOLUIDINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
034452	P-CHLORO-M-CRESOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<6.3	µg/L	6.3µg/L
073558	P-DIMETHYLAMINO AZOBENZENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
077793	PENTACHLOROBENZENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.5	µg/L	2.5µg/L
081316	PENTACHLORONITROBENZENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.019	µg/L	0.019µg/L
073626	PHENACETIN	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.2	µg/L	3.2µg/L
034461	PHENANTHRENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.9	µg/L	2.9µg/L
034694	PHENOL	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.6	µg/L	2.6µg/L
046313	PHORATE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.029	µg/L	0.029µg/L
030342	P-NITROANILINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<3.3	µg/L	3.3µg/L
073628	P-PHENYLENEDIAMINE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<7.3	µg/L	7.3µg/L
039080	PRONAMIDE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
034469	PYRENE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<0.024	µg/L	0.024µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: EQUBLK3 (08S2CCAP2EQB)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008 4:00:00 PM

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077545	SAFROLE	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.7	µg/L	2.7µg/L
073553	THIONAZIN	SP	No	EPA 8270C	7/30/2008 8:13:00 PM	<2.8	µg/L	2.8µg/L
000425	BICARBONATE ALKALINITY AS CaCO3	SP	No	SM 4500	7/25/2008 2:59:00 PM	1.8 I	mg/L	1.8mg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP2 (08S2CCTB2)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.50	µg/L	0.50µg/L
077168	1,1-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.39	µg/L	0.39µg/L
034551	1,2,4-TRICHLOROENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.40	µg/L	0.40µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.50	µg/L	0.50µg/L
077651	1,2-DIBROMOETHANE (EDB)		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.40	µg/L	0.40µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.40	µg/L	0.40µg/L
034566	1,3-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.36	µg/L	0.36µg/L
077173	1,3-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.25	µg/L	0.25µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
077170	2,2-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.32	µg/L	0.32µg/L
077103	2-HEXANONE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE		No	EPA 8260B	7/31/2008 9:31:00 PM	<1.5	µg/L	1.5µg/L
076997	ACETONITRILE		No	EPA 8260B	7/31/2008 9:31:00 PM	<10	µg/L	10µg/L
034210	ACROLEIN		No	EPA 8260B	7/31/2008 9:31:00 PM	<10	µg/L	10µg/L
034215	ACRYLONITRILE		No	EPA 8260B	7/31/2008 9:31:00 PM	<3.8	µg/L	3.8µg/L
078109	ALLYL CHLORIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.43	µg/L	0.43µg/L
034030	BENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
034301	CHLOROBENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
081520	CHLOROPRENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
077093	CIS-1,2-DICHLOROETHYLENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.25	µg/L	0.25µg/L
046361	DIBROMOMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.30	µg/L	0.30µg/L
034668	DICHLORODIFLUOROMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.33	µg/L	0.33µg/L
034371	ETHYLBENZENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.25	µg/L	0.25µg/L
073570	ETHYLMETHACRYLATE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.38	µg/L	0.38µg/L
034391	HEXACHLOROBUTADIENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.30	µg/L	0.30µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP2 (08S2CCTB2)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/22/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077033	ISOBUTYL ALCOHOL		No	EPA 8260B	7/31/2008 9:31:00 PM	<20	µg/L	20µg/L
085795	M&P- XYLENES		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.71	µg/L	0.71µg/L
081593	METHACRYLONITRILE		No	EPA 8260B	7/31/2008 9:31:00 PM	<3.5	µg/L	3.5µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	7/31/2008 9:31:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.33	µg/L	0.33µg/L
081597	METHYL METHACRYLATE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.45	µg/L	0.45µg/L
034423	METHYLENE CHLORIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
034696	NAPHTHALENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.22	µg/L	0.22µg/L
077007	PROPIONITRILE		No	EPA 8260B	7/31/2008 9:31:00 PM	<5.2	µg/L	5.2µg/L
077128	STYRENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES		No	EPA 8260B	7/31/2008 9:31:00 PM	<0.71	µg/L	0.71µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP3 (08S2CCTB3)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.50	µg/L	0.50µg/L
077168	1,1-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.39	µg/L	0.39µg/L
034551	1,2,4-TRICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.40	µg/L	0.40µg/L
038437	1,2-DIBROMO-3-CHLOROPROPANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.50	µg/L	0.50µg/L
077651	1,2-DIBROMOETHANE (EDB)		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.40	µg/L	0.40µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.40	µg/L	0.40µg/L
034566	1,3-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.36	µg/L	0.36µg/L
077173	1,3-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.25	µg/L	0.25µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
077170	2,2-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.32	µg/L	0.32µg/L
077103	2-HEXANONE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE		No	EPA 8260B	7/31/2008 10:01:00 PM	<1.5	µg/L	1.5µg/L
076997	ACETONITRILE		No	EPA 8260B	7/31/2008 10:01:00 PM	<10	µg/L	10µg/L
034210	ACROLEIN		No	EPA 8260B	7/31/2008 10:01:00 PM	<10	µg/L	10µg/L
034215	ACRYLONITRILE		No	EPA 8260B	7/31/2008 10:01:00 PM	<3.8	µg/L	3.8µg/L
078109	ALLYL CHLORIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.43	µg/L	0.43µg/L
034030	BENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
034301	CHLOROBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
081520	CHLOROPRENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
077093	CIS-1,2-DICHLOROETHYLENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.25	µg/L	0.25µg/L
046361	DIBROMOMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.30	µg/L	0.30µg/L
034668	DICHLORODIFLUOROMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.33	µg/L	0.33µg/L
034371	ETHYLBENZENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.25	µg/L	0.25µg/L
073570	ETHYLMETHACRYLATE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.38	µg/L	0.38µg/L
034391	HEXACHLOROBUTADIENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.30	µg/L	0.30µg/L

* Attach Laboratory Reports

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP3 (08S2CCTB3)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077033	ISOBUTYL ALCOHOL		No	EPA 8260B	7/31/2008 10:01:00 PM	<20	µg/L	20µg/L
085795	M&P- XYLENES		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.71	µg/L	0.71µg/L
081593	METHACRYLONITRILE		No	EPA 8260B	7/31/2008 10:01:00 PM	<3.5	µg/L	3.5µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	7/31/2008 10:01:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.33	µg/L	0.33µg/L
081597	METHYL METHACRYLATE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.45	µg/L	0.45µg/L
034423	METHYLENE CHLORIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
034696	NAPHTHALENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.22	µg/L	0.22µg/L
077007	PROPIONITRILE		No	EPA 8260B	7/31/2008 10:01:00 PM	<5.2	µg/L	5.2µg/L
077128	STYRENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.26	µg/L	0.26µg/L
039175	VINYL CHLORIDE		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES		No	EPA 8260B	7/31/2008 10:01:00 PM	<0.71	µg/L	0.71µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP4 (08S2CCTB4)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
077562	1,1,1,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.31	µg/L	0.31µg/L
034506	1,1,1-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.22	µg/L	0.22µg/L
034516	1,1,2,2-TETRACHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.39	µg/L	0.39µg/L
034511	1,1,2-TRICHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.20	µg/L	0.20µg/L
034496	1,1-DICHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.21	µg/L	0.21µg/L
034501	1,1-DICHLOROETHENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.50	µg/L	0.50µg/L
077443	1,2,3-TRICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.39	µg/L	0.39µg/L
034536	1,2-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.29	µg/L	0.29µg/L
034531	1,2-DICHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.26	µg/L	0.26µg/L
034541	1,2-DICHLOROPROPANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.40	µg/L	0.40µg/L
034571	1,4-DICHLOROBENZENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
077103	2-HEXANONE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.50	µg/L	0.50µg/L
078133	4-METHYL-2-PENTANONE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.67	µg/L	0.67µg/L
081552	ACETONE		No	EPA 8260B	7/31/2008 10:32:00 PM	<1.5	µg/L	1.5µg/L
034215	ACRYLONITRILE		No	EPA 8260B	7/31/2008 10:32:00 PM	<3.8	µg/L	3.8µg/L
034030	BENZENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.30	µg/L	0.30µg/L
073085	BROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.43	µg/L	0.43µg/L
032101	BROMODICHLOROMETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.25	µg/L	0.25µg/L
032104	BROMOFORM		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.20	µg/L	0.20µg/L
034413	BROMOMETHANE (METHYL BROMIDE)		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.40	µg/L	0.40µg/L
077041	CARBON DISULFIDE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.22	µg/L	0.22µg/L
032102	CARBON TETRACHLORIDE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
034301	CHLOROBENZENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.28	µg/L	0.28µg/L
034311	CHLOROETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.93	µg/L	0.93µg/L
032106	CHLOROFORM		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
034418	CHLOROMETHANE (METHYL CHLORIDE)		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
077093	CIS-1,2-DICHLOROETHYLENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.22	µg/L	0.22µg/L
034704	CIS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
032105	DIBROMOCHLOROMETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.25	µg/L	0.25µg/L
046361	DIBROMOMETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.30	µg/L	0.30µg/L
034371	ETHYLBENZENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.25	µg/L	0.25µg/L
085795	M&P- XYLENES		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.71	µg/L	0.71µg/L
081595	METHYL ETHYL KETONE		No	EPA 8260B	7/31/2008 10:32:00 PM	<1.3	µg/L	1.3µg/L
077424	METHYL IODIDE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.33	µg/L	0.33µg/L
034423	METHYLENE CHLORIDE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.27	µg/L	0.27µg/L
077135	O-XYLENES		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.22	µg/L	0.22µg/L
077128	STYRENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.20	µg/L	0.20µg/L
034475	TETRACHLOROETHENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.20	µg/L	0.20µg/L
034010	TOLUENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.26	µg/L	0.26µg/L
034546	TRANS-1,2-DICHLOROETHENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.43	µg/L	0.43µg/L
034699	TRANS-1,3-DICHLOROPROPENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.20	µg/L	0.20µg/L
049263	TRANS-1,4-DICHLORO-2-BUTENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.69	µg/L	0.69µg/L
039180	TRICHLOROETHENE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.26	µg/L	0.26µg/L
034488	TRICHLOROFLUOROMETHANE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.26	µg/L	0.26µg/L
077057	VINYL ACETATE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.26	µg/L	0.26µg/L

Citrus County Central Landfill Parameter Monitoring Report

PART III Analytical Results

Facility GMS #: SWD/09/39859

Test Site ID #:

Well Name: TRIP4 (08S2CCTB4)

Classification of Ground Water:

Ground Water Elevation (NGVD):

Sampling Date/Time: 7/23/2008

Report Period: THIRD QUARTER 2008

Well Purged:

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other
☐ Detection

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED	ANALYSIS METHOD	ANALYSIS DATE/TIME	ANALYSIS RESULT *	UNITS	DETECTION LIMIT/UNITS
039175	VINYL CHLORIDE		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.22	µg/L	0.22µg/L
081551	XYLENES		No	EPA 8260B	7/31/2008 10:32:00 PM	<0.71	µg/L	0.71µg/L

ATTACHMENT 3

**LABORATORY DATA
INCLUDING CHAIN OF CUSTODY FORMS**

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Thursday, July 31, 2008

Jones Edmunds & Associates, Inc. (JO006)

Attn: Elizabeth Kennelley

730 N.E. Waldo Road Bldg. A

Gainesville, FL 32641

**RE: Project Number: 03860-022-01, Project Name/Desc: Citrus County Landfill
ENCO Workorder: A803713**

Dear Elizabeth Kennelley,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, July 23, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, reading "David M. Camacho". The signature is written in a cursive, flowing style.

David Camacho

Project Manager

Enclosure(s)



www.encolabs.com

LAB #		A803713-01	A803713-02	A803713-02RE1	A803713-03	-	-
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	-	-
SAMPLE ID	Reporting Limit	EFF EQB(AP1)::08S2 CCEFFEQB	Leachate EFF::08S2CCEF F	Leachate EFF::08S2CCEF F	Trip Blank 1::08S2CCTB1	-	-

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	<0.27 [6]	<0.27 [6]	-	<0.27 [6]	-	-
Vinyl chloride	1.0 ug/L	<0.22 [6]	<0.22 [6]	-	<0.22 [6]	-	-
Bromomethane	1.0 ug/L	<0.40 [6]	<0.40 [6]	-	<0.40 [6]	-	-
Chloroethane	1.0 ug/L	<0.93 [6]	<0.93 [6]	-	<0.93 [6]	-	-
Trichlorofluoromethane	1.0 ug/L	<0.26 [6]	<0.26 [6]	-	<0.26 [6]	-	-
Acetone	5.0 ug/L	<1.5 [6]	13	-	<1.5 [6]	-	-
1,1-Dichloroethene	1.0 ug/L	<0.50 [6]	<0.50 [6]	-	<0.50 [6]	-	-
Iodomethane	3.0 ug/L	<0.33 [6]	<0.33 [6]	-	<0.33 [6]	-	-
Carbon disulfide	5.0 ug/L	<0.22 [6]	<0.22 [6]	-	<0.22 [6]	-	-
Methylene chloride	1.0 ug/L	<0.27 [6]	<0.27 [6]	-	<0.27 [6]	-	-
Acrylonitrile	5.0 ug/L	<3.8 [6]	<3.8 [6]	-	<3.8 [6]	-	-
trans-1,2-Dichloroethene	1.0 ug/L	<0.43 [6]	<0.43 [6]	-	<0.43 [6]	-	-
cis-1,2-Dichloroethene	1.0 ug/L	<0.22 [6]	<0.22 [6]	-	<0.22 [6]	-	-
1,1-Dichloroethane	1.0 ug/L	<0.21 [6]	<0.21 [6]	-	<0.21 [6]	-	-
Vinyl acetate	1.0 ug/L	<0.26 [6]	<0.26 [6]	-	<0.26 [6]	-	-
2-Butanone	5.0 ug/L	<1.3 [6]	1.7 [3]	-	<1.3 [6]	-	-
Chloroform	1.0 ug/L	<0.27 [6]	12	-	<0.27 [6]	-	-
Bromochloromethane	1.0 ug/L	<0.43 [6]	<0.43 [6]	-	<0.43 [6]	-	-
1,1,1-Trichloroethane	1.0 ug/L	<0.22 [6]	<0.22 [6]	-	<0.22 [6]	-	-
Carbon tetrachloride	1.0 ug/L	<0.27 [6]	<0.27 [6]	-	<0.27 [6]	-	-
1,2-Dichloroethane	1.0 ug/L	<0.26 [6]	<0.26 [6]	-	<0.26 [6]	-	-
Benzene	1.0 ug/L	<0.30 [6]	<0.30 [6]	-	<0.30 [6]	-	-
Trichloroethene	1.0 ug/L	<0.26 [6]	<0.26 [6]	-	<0.26 [6]	-	-
1,2-Dichloropropane	1.0 ug/L	<0.40 [6]	<0.40 [6]	-	<0.40 [6]	-	-
Bromodichloromethane	1.0 ug/L	<0.25 [6]	15	-	<0.25 [6]	-	-
Dibromomethane	1.0 ug/L	<0.30 [6]	<0.30 [6]	-	<0.30 [6]	-	-
4-Methyl-2-pentanone	5.0 ug/L	<0.67 [6]	<0.67 [6]	-	<0.67 [6]	-	-
2-Hexanone	5.0 ug/L	<0.50 [6]	<0.50 [6]	-	<0.50 [6]	-	-
cis-1,3-Dichloropropene	1.0 ug/L	<0.27 [6]	<0.27 [6]	-	<0.27 [6]	-	-
Toluene	1.0 ug/L	<0.26 [6]	<0.26 [6]	-	<0.26 [6]	-	-
trans-1,3-Dichloropropene	1.0 ug/L	<0.20 [6]	<0.20 [6]	-	<0.20 [6]	-	-
1,1,2-Trichloroethane	1.0 ug/L	<0.20 [6]	<0.20 [6]	-	<0.20 [6]	-	-
Tetrachloroethene	1.0 ug/L	<0.20 [6]	<0.20 [6]	-	<0.20 [6]	-	-
Dibromochloromethane	1.0 ug/L	<0.25 [6]	10	-	<0.25 [6]	-	-
Chlorobenzene	1.0 ug/L	<0.28 [6]	<0.28 [6]	-	<0.28 [6]	-	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.31 [6]	<0.31 [6]	-	<0.31 [6]	-	-
Ethylbenzene	1.0 ug/L	<0.25 [6]	<0.25 [6]	-	<0.25 [6]	-	-
m,p-Xylenes	1.0 ug/L	<0.71 [6]	<0.71 [6]	-	<0.71 [6]	-	-
o-Xylene	1.0 ug/L	<0.22 [6]	<0.22 [6]	-	<0.22 [6]	-	-
Bromoform	1.0 ug/L	<0.20 [6]	4.8	-	<0.20 [6]	-	-
Styrene	1.0 ug/L	<0.20 [6]	<0.20 [6]	-	<0.20 [6]	-	-
1,2,3-Trichloropropane	1.0 ug/L	<0.39 [6]	<0.39 [6]	-	<0.39 [6]	-	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	<0.39 [6]	<0.39 [6]	-	<0.39 [6]	-	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.69 [6]	<0.69 [6]	-	<0.69 [6]	-	-



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LAB #		A803713-01	A803713-02	A803713-02RE1	A803713-03	-	-
MATRIX	Minimum	Ground Water	Ground Water	Ground Water	Ground Water	-	-
SAMPLE ID	Reporting Limit	EFF EQB(AP1)::08S2 CCEFFEQB	Leachate EFF::08S2CCEF F	Leachate EFF::08S2CCEF F	Trip Blank 1::08S2CCTB1	-	-

Volatile Organic Compounds by GCMS (continued)

1,4-Dichlorobenzene	1.0 ug/L	<0.27 [6]	<0.27 [6]	-	<0.27 [6]	-	-
1,2-Dichlorobenzene	1.0 ug/L	<0.29 [6]	<0.29 [6]	-	<0.29 [6]	-	-
Xylenes (Total)	1.0 ug/L	<0.71 [6]	<0.71 [6]	-	<0.71 [6]	-	-
Dibromofluoromethane	141 [surr]	109%	138%	-	123%	-	-
Toluene-d8	134 [surr]	95.0%	120%	-	112%	-	-
4-Bromofluorobenzene	147 [surr]	88.4%	107%	-	101%	-	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	<0.006 [6]	<0.006 [6]	-	-	-	-
1,2-Dibromo-3-chloropropane	0.020 ug/L	<0.003 [6]	<0.003 [6]	-	-	-	-
1,3-Dichlorobenzene	150 [surr]	111%	113%	-	-	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5.00 ug/L	<0.820 [6]	0.975 [3]	-	-	-	-
Arsenic	10.0 ug/L	<1.10 [6]	19.6	-	-	-	-
Barium	100 ug/L	11.8 [1] [3] [4]	43.7 [1] [3] [4]	-	-	-	-
Beryllium	1.00 ug/L	<0.730 [6]	<0.730 [6]	-	-	-	-
Cadmium	3.00 ug/L	<0.820 [6]	<0.820 [6]	-	-	-	-
Chromium	10.0 ug/L	1.07 [1] [3] [4]	4.71 [1] [3] [4]	-	-	-	-
Cobalt	10.0 ug/L	<0.500 [6]	13.5	-	-	-	-
Copper	10.0 ug/L	<0.500 [6]	5.38 [3]	-	-	-	-
Iron	50.0 ug/L	26.0 [1] [3] [4]	67.1 [1] [4]	-	-	-	-
Lead	5.00 ug/L	0.732 [1] [3] [4]	1.20 [1] [3] [4]	-	-	-	-
Mercury	0.200 ug/L	<0.015 [6]	<0.015 [6]	-	-	-	-
Nickel	10.0 ug/L	<0.500 [6]	59.6	-	-	-	-
Selenium	10.0 ug/L	<3.10 [6]	<3.10 [6]	-	-	-	-
Silver	1.00 ug/L	<0.072 [6]	0.092 [3]	-	-	-	-
Sodium	1.00 mg/L	0.474 [1] [3] [4]	-	497 [1] [2] [5]	-	-	-
Thallium	1.00 ug/L	<0.200 [6]	0.549 [3]	-	-	-	-
Vanadium	10.0 ug/L	1.46 [1] [3] [4]	3.52 [1] [3] [4]	-	-	-	-
Zinc	50.0 ug/L	7.90 [1] [3] [4]	31.2 [1] [3] [4]	-	-	-	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	0.028	0.057	-	-	-	-
Chloride	5.0 mg/L	0.90 [3]	-	830 [2]	-	-	-
Total Dissolved Solids	10 mg/L	<10 [6]	2100	-	-	-	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	-	3178	-	-	-	-
Dissolved Oxygen	0.00 mg/L	-	18.5	-	-	-	-
pH	pH Units	-	9.01	-	-	-	-
Oxidation/Reduction Potential	mV	-	32.6	-	-	-	-
Temperature	0.00 °C	-	32.50	-	-	-	-
Turbidity	0.00 NTU	-	15.9	-	-	-	-



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G27006 - EPA 5030B_MS

Blank (8G27006-BLK1)

Prepared: 07/27/2008 11:47 Analyzed: 07/27/2008 13:53

Chloromethane	0.27 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Bromomethane	0.40 U	1.0	ug/L							U
Chloroethane	0.93 U	1.0	ug/L							U
Trichlorofluoromethane	0.26 U	1.0	ug/L							U
Acetone	1.5 U	5.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U
Iodomethane	0.33 U	3.0	ug/L							U
Carbon disulfide	0.22 U	5.0	ug/L							U
Methylene chloride	0.27 U	1.0	ug/L							U
Acrylonitrile	3.8 U	5.0	ug/L							U
trans-1,2-Dichloroethene	0.43 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.22 U	1.0	ug/L							U
1,1-Dichloroethane	0.21 U	1.0	ug/L							U
Vinyl acetate	0.26 U	1.0	ug/L							U
2-Butanone	1.3 U	5.0	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Bromochloromethane	0.43 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.22 U	1.0	ug/L							U
Carbon tetrachloride	0.27 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
1,2-Dichloropropane	0.40 U	1.0	ug/L							U
Bromodichloromethane	0.25 U	1.0	ug/L							U
Dibromomethane	0.30 U	1.0	ug/L							U
4-Methyl-2-pentanone	0.67 U	5.0	ug/L							U
2-Hexanone	0.50 U	5.0	ug/L							U
cis-1,3-Dichloropropene	0.27 U	1.0	ug/L							U
Toluene	0.26 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.20 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Dibromochloromethane	0.25 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.31 U	1.0	ug/L							U
Ethylbenzene	0.25 U	1.0	ug/L							U
m,p-Xylenes	0.71 U	1.0	ug/L							U
o-Xylene	0.22 U	1.0	ug/L							U
Bromoform	0.20 U	1.0	ug/L							U
Styrene	0.20 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.39 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.39 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.69 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.27 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.29 U	1.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G27006 - EPA 5030B_MS

Blank (8G27006-BLK1) Continued

Prepared: 07/27/2008 11:47 Analyzed: 07/27/2008 13:53

Xylenes (Total)	0.71 U	1.0	ug/L							U
Surrogate: Dibromofluoromethane	58		ug/L	50.0		115	40-141			
Surrogate: Toluene-d8	55		ug/L	50.0		110	64-134			
Surrogate: 4-Bromofluorobenzene	51		ug/L	50.0		103	52-147			

LCS (8G27006-BS1)

Prepared: 07/27/2008 11:47 Analyzed: 07/27/2008 13:23

1,1-Dichloroethene	23	1.0	ug/L	20.0		113	57-142			
Benzene	20	1.0	ug/L	20.0		101	55-131			
Trichloroethene	20	1.0	ug/L	20.0		102	52-135			
Toluene	23	1.0	ug/L	20.0		113	58-148			
Chlorobenzene	22	1.0	ug/L	20.0		108	57-140			

Surrogate: Dibromofluoromethane	54		ug/L	50.0		107	40-141			
Surrogate: Toluene-d8	47		ug/L	50.0		94	64-134			
Surrogate: 4-Bromofluorobenzene	47		ug/L	50.0		93	52-147			

Matrix Spike (8G27006-MS1)

Source: A803696-01

Prepared: 07/27/2008 11:47 Analyzed: 07/27/2008 14:23

1,1-Dichloroethene	21	1.0	ug/L	20.0	0.50 U	107	57-142			
Benzene	21	1.0	ug/L	20.0	0.30 U	106	55-131			
Trichloroethene	21	1.0	ug/L	20.0	0.26 U	105	52-135			
Toluene	22	1.0	ug/L	20.0	0.26 U	108	58-148			
Chlorobenzene	22	1.0	ug/L	20.0	0.28 U	109	57-140			

Surrogate: Dibromofluoromethane	55		ug/L	50.0		110	40-141			
Surrogate: Toluene-d8	50		ug/L	50.0		100	64-134			
Surrogate: 4-Bromofluorobenzene	47		ug/L	50.0		94	52-147			

Matrix Spike Dup (8G27006-MSD1)

Source: A803696-01

Prepared: 07/27/2008 11:47 Analyzed: 07/27/2008 14:54

1,1-Dichloroethene	22	1.0	ug/L	20.0	0.50 U	111	57-142	3	16	
Benzene	22	1.0	ug/L	20.0	0.30 U	108	55-131	2	12	
Trichloroethene	22	1.0	ug/L	20.0	0.26 U	108	52-135	3	40	
Toluene	22	1.0	ug/L	20.0	0.26 U	111	58-148	3	21	
Chlorobenzene	22	1.0	ug/L	20.0	0.28 U	110	57-140	0.7	20	

Surrogate: Dibromofluoromethane	57		ug/L	50.0		114	40-141			
Surrogate: Toluene-d8	52		ug/L	50.0		104	64-134			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	52-147			

Semivolatile Organic Compounds by GC - Quality Control

Batch 8G25024 - EPA 504/8011

Blank (8G25024-BLK1)

Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 15:42

1,2-Dibromoethane	0.006 U	0.020	ug/L							U
1,2-Dibromo-3-chloropropane	0.003 U	0.020	ug/L							U
Surrogate: 1,3-Dichlorobenzene	0.25		ug/L	0.250		101	83-150			

LCS (8G25024-BS1)

Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 15:54

1,2-Dibromoethane	0.25	0.020	ug/L	0.250		101	49-154			
1,2-Dibromo-3-chloropropane	0.25	0.020	ug/L	0.250		98	49-140			

Surrogate: 1,3-Dichlorobenzene	0.28		ug/L	0.250		111	83-150			
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Matrix Spike (8G25024-MS1)

Source: A803791-02

Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 16:06

1,2-Dibromoethane	0.26	0.020	ug/L	0.250	0.006 U	105	49-154			
1,2-Dibromo-3-chloropropane	0.26	0.020	ug/L	0.250	0.003 U	106	49-140			



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GC - Quality Control

Batch 8G25024 - EPA 504/8011

Matrix Spike (8G25024-MS1) Continued Source: A803791-02 Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 16:06

Surrogate: 1,3-Dichlorobenzene 0.27 ug/L 0.250 108 83-150

Matrix Spike Dup (8G25024-MSD1) Source: A803791-02 Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 16:18

1,2-Dibromoethane 0.26 0.020 ug/L 0.250 0.006 U 104 49-154 0.8 11

1,2-Dibromo-3-chloropropane 0.26 0.020 ug/L 0.250 0.003 U 106 49-140 0.2 15

Surrogate: 1,3-Dichlorobenzene 0.27 ug/L 0.250 107 83-150

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8G23025 - EPA 7470A

Blank (8G23025-BLK1) Prepared: 07/25/2008 13:10 Analyzed: 07/28/2008 07:38

Mercury 0.015 U 0.200 ug/L U

LCS (8G23025-BS1) Prepared: 07/25/2008 13:10 Analyzed: 07/28/2008 07:41

Mercury 4.95 0.200 ug/L 5.00 99 90-110

Matrix Spike (8G23025-MS1) Source: A803696-03 Prepared: 07/25/2008 13:10 Analyzed: 07/28/2008 07:47

Mercury 5.30 0.200 ug/L 5.00 0.015 U 106 90-110

Matrix Spike Dup (8G23025-MSD1) Source: A803696-03 Prepared: 07/25/2008 13:10 Analyzed: 07/28/2008 07:50

Mercury 5.31 0.200 ug/L 5.00 0.015 U 106 90-110 0.2 10

Post Spike (8G23025-PS1) Source: A803696-03 Prepared: 07/28/2008 06:00 Analyzed: 07/28/2008 07:54

Mercury 5.72 0.200 ug/L 5.61 -0.002 102 0-200

Batch 8G24010 - EPA 3005A

Blank (8G24010-BLK1) Prepared: 07/24/2008 09:16 Analyzed: 07/24/2008 14:02

Antimony 0.820 U 5.00 ug/L U

Arsenic 1.10 U 10.0 ug/L U

Barium 11.9 I 100 ug/L J

Beryllium 0.730 U 1.00 ug/L U

Cadmium 0.820 U 3.00 ug/L U

Chromium 1.02 I 10.0 ug/L J

Cobalt 0.500 U 10.0 ug/L U

Copper 0.500 U 10.0 ug/L U

Iron 35.2 I 50.0 ug/L J

Lead 0.768 I 5.00 ug/L J

Nickel 0.500 U 10.0 ug/L U

Selenium 3.15 I 10.0 ug/L J

Silver 0.072 U 1.00 ug/L U

Sodium 0.531 I 1.00 mg/L J

Thallium 0.200 U 1.00 ug/L U

Vanadium 1.29 I 10.0 ug/L J

Zinc 9.14 I 50.0 ug/L J

LCS (8G24010-BS1) Prepared: 07/24/2008 09:16 Analyzed: 07/24/2008 14:09

Antimony 49.4 5.00 ug/L 50.0 99 85-115

Arsenic 489 10.0 ug/L 500 98 85-115

Barium 512 V 100 ug/L 500 102 85-115 B

Beryllium 45.7 1.00 ug/L 50.0 91 85-115

Cadmium 48.6 3.00 ug/L 50.0 97 85-115

Chromium 506 V 10.0 ug/L 500 101 85-115 B

Cobalt 492 10.0 ug/L 500 98 85-115

Copper 498 10.0 ug/L 500 100 85-115



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8G24010 - EPA 3005A

LCS (8G24010-BS1) Continued

Prepared: 07/24/2008 09:16 Analyzed: 07/24/2008 14:09

Iron	1030 V	50.0	ug/L	1000		103	85-115			B
Lead	561 V	5.00	ug/L	500		112	85-115			B
Nickel	499	10.0	ug/L	500		100	85-115			
Selenium	489 V	10.0	ug/L	500		98	85-115			B
Silver	48.9	1.00	ug/L	50.0		98	85-115			
Sodium	24.3 V	1.00	mg/L	25.0		97	85-115			B
Thallium	57.4	1.00	ug/L	50.0		115	85-115			
Vanadium	490 V	10.0	ug/L	500		98	85-115			B
Zinc	484 V	50.0	ug/L	500		97	85-115			B

Matrix Spike (8G24010-MS1)

Source: A803696-03

Prepared: 07/24/2008 09:16 Analyzed: 07/24/2008 14:26

Antimony	49.5	5.00	ug/L	50.0	0.820 U	99	85-115			
Arsenic	488	10.0	ug/L	500	1.10 U	98	85-115			
Barium	509 V	100	ug/L	500	11.9	99	85-115			B
Beryllium	45.0	1.00	ug/L	50.0	0.730 U	90	85-115			
Cadmium	48.7	3.00	ug/L	50.0	0.820 U	97	85-115			
Chromium	504 V	10.0	ug/L	500	1.52	100	85-115			B
Cobalt	492	10.0	ug/L	500	0.500 U	98	85-115			
Copper	493	10.0	ug/L	500	1.34	98	85-115			
Iron	1020 V	50.0	ug/L	1000	35.5	99	85-115			B
Lead	524 V	5.00	ug/L	500	0.863	105	85-115			B
Nickel	489	10.0	ug/L	500	0.863	98	85-115			
Selenium	476 V	10.0	ug/L	500	3.10 U	95	85-115			B
Silver	49.6	1.00	ug/L	50.0	0.073	99	85-115			
Sodium	23.4 V	1.00	mg/L	25.0	0.629	91	85-115			B
Thallium	52.8	1.00	ug/L	50.0	0.200 U	106	85-115			
Vanadium	481 V	10.0	ug/L	500	1.46	96	85-115			B
Zinc	478 V	50.0	ug/L	500	14.1	93	85-115			B

Matrix Spike Dup (8G24010-MSD1)

Source: A803696-03

Prepared: 07/24/2008 09:16 Analyzed: 07/24/2008 14:34

Antimony	51.1	5.00	ug/L	50.0	0.820 U	102	85-115	3	20	
Arsenic	487	10.0	ug/L	500	1.10 U	97	85-115	0.3	20	
Barium	511 V	100	ug/L	500	11.9	100	85-115	0.4	20	B
Beryllium	46.1	1.00	ug/L	50.0	0.730 U	92	85-115	2	20	
Cadmium	49.2	3.00	ug/L	50.0	0.820 U	98	85-115	1	20	
Chromium	511 V	10.0	ug/L	500	1.52	102	85-115	1	20	B
Cobalt	497	10.0	ug/L	500	0.500 U	99	85-115	1	20	
Copper	492	10.0	ug/L	500	1.34	98	85-115	0.2	20	
Iron	1020 V	50.0	ug/L	1000	35.5	98	85-115	0.4	20	B
Lead	519 V	5.00	ug/L	500	0.863	104	85-115	1	20	B
Nickel	497	10.0	ug/L	500	0.863	99	85-115	2	20	
Selenium	474 V	10.0	ug/L	500	3.10 U	95	85-115	0.4	20	B
Silver	50.3	1.00	ug/L	50.0	0.073	101	85-115	1	20	
Sodium	24.5 V	1.00	mg/L	25.0	0.629	95	85-115	4	20	B
Thallium	52.7	1.00	ug/L	50.0	0.200 U	105	85-115	0.06	20	
Vanadium	489 V	10.0	ug/L	500	1.46	97	85-115	2	20	B
Zinc	478 V	50.0	ug/L	500	14.1	93	85-115	0.2	20	B

Post Spike (8G24010-PS1)

Source: A803696-03

Prepared: 07/24/2008 13:00 Analyzed: 07/24/2008 14:43

Antimony	4.99	0.500	ug/L	4.90	0.051	101	75-125			
Arsenic	48.9	1.00	ug/L	49.0	0.100	100	75-125			



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control*Batch 8G24010 - EPA 3005A***Post Spike (8G24010-PS1) Continued****Source: A803696-03**

Prepared: 07/24/2008 13:00 Analyzed: 07/24/2008 14:43

Barium	50.6 V	10.0	ug/L	49.0	1.17	101	75-125			B
Beryllium	4.57	0.100	ug/L	4.90	0.002	93	75-125			
Cadmium	4.86	0.300	ug/L	4.90	0.009	99	75-125			
Chromium	51.7 V	1.00	ug/L	49.0	0.149	105	75-125			B
Cobalt	49.6	1.00	ug/L	49.0	0.039	101	75-125			
Copper	49.2	1.00	ug/L	49.0	0.131	100	75-125			
Iron	104 V	5.00	ug/L	98.0	3.48	102	75-125			B
Lead	52.1 V	0.500	ug/L	49.0	0.085	106	75-125			B
Nickel	49.3	1.00	ug/L	49.0	0.085	100	75-125			
Selenium	48.0 V	1.00	ug/L	49.0	0.257	97	75-125			B
Silver	4.94	0.100	ug/L	4.90	0.007	101	75-125			
Sodium	2440 V	100	ug/L	2450	61.7	97	75-125			B
Thallium	5.26	0.100	ug/L	4.90	0.001	107	75-125			
Vanadium	49.1 V	1.00	ug/L	49.0	0.143	100	75-125			B
Zinc	47.9 V	5.00	ug/L	49.0	1.38	95	75-125			B

*Batch AA04594 - 8G24010***Serial Dilution (AA04594-SRD1)****Source: A803696-03**

Prepared: 07/18/2008 00:00 Analyzed: 07/24/2008 14:51

Sodium	1.99	5.00	ug/L		0.629			104	10	
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Serial Dilution (AA04594-SRD2)**Source: A803555-01**

Prepared: 07/18/2008 00:00 Analyzed: 07/24/2008 18:47

Sodium	0.200 U	2.00	ug/L						10	U
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*Batch AA04655 - 8G25012***Serial Dilution (AA04655-SRD1)****Source: A803818-03**

Prepared: 07/24/2008 00:00 Analyzed: 07/25/2008 17:47

Sodium	0.500 U	5.00	ug/L						10	U
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Serial Dilution (AA04655-SRD2)**Source: A803880-01**

Prepared: 07/24/2008 00:00 Analyzed: 07/26/2008 03:34

Sodium	0.200 U	2.00	ug/L						10	U
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Classical Chemistry Parameters - Quality Control*Batch 8G23024 - NO PREP***Blank (8G23024-BLK1)**

Prepared: 07/23/2008 14:50 Analyzed: 07/23/2008 23:29

Chloride	0.05 U	5.0	mg/L							U
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LCS (8G23024-BS1)

Prepared: 07/23/2008 14:50 Analyzed: 07/23/2008 23:48

Chloride	52	5.0	mg/L	50.0		104	90-110			
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Matrix Spike (8G23024-MS1)**Source: A803611-02**

Prepared: 07/23/2008 14:50 Analyzed: 07/24/2008 00:07

Chloride	59	5.0	mg/L	51.0	5.8	105	90-110			
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Matrix Spike Dup (8G23024-MSD1)**Source: A803611-02**

Prepared: 07/23/2008 14:50 Analyzed: 07/24/2008 00:25

Chloride	59	5.0	mg/L	51.0	5.8	105	90-110	0.1	10	
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*Batch 8G23028 - NO PREP***Blank (8G23028-BLK1)**

Prepared: 07/23/2008 16:30 Analyzed: 07/24/2008 23:35

Total Dissolved Solids	10 U	10	mg/L							U
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LCS (8G23028-BS1)

Prepared: 07/23/2008 16:30 Analyzed: 07/24/2008 23:35

Total Dissolved Solids	310	10	mg/L	300		103	87-114			
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Duplicate (8G23028-DUP1)**Source: A801664-01**

Prepared: 07/23/2008 16:30 Analyzed: 07/24/2008 23:35

Total Dissolved Solids	540	10	mg/L	540				0.4	10	
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*Batch 8G24005 - NO PREP***Blank (8G24005-BLK1)**

Prepared: 07/24/2008 06:41 Analyzed: 07/24/2008 08:04



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control*Batch 8G24005 - NO PREP***Blank (8G24005-BLK1) Continued**

Prepared: 07/24/2008 06:41 Analyzed: 07/24/2008 08:04

Chloride	0.05 U	5.0	mg/L							U
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LCS (8G24005-BS1)

Prepared: 07/24/2008 06:41 Analyzed: 07/24/2008 08:41

Chloride	51	5.0	mg/L	50.0		103	90-110			
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Matrix Spike (8G24005-MS1)**Source: A803611-02**

Prepared: 07/24/2008 06:41 Analyzed: 07/24/2008 09:00

Chloride	59	5.0	mg/L	51.0	5.8	104	90-110			
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Matrix Spike Dup (8G24005-MSD1)**Source: A803611-02**

Prepared: 07/24/2008 06:41 Analyzed: 07/24/2008 09:19

Chloride	59	5.0	mg/L	51.0	5.8	104	90-110	0.09	10	
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*Batch 8G28012 - NO PREP***Blank (8G28012-BLK1)**

Prepared: 07/28/2008 10:42 Analyzed: 07/28/2008 14:45

Ammonia as N	0.008 U	0.020	mg/L							U
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LCS (8G28012-BS1)

Prepared: 07/28/2008 10:42 Analyzed: 07/28/2008 14:48

Ammonia as N	0.93	0.020	mg/L	1.00		93	90-110			
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Matrix Spike (8G28012-MS1)**Source: A803696-01**

Prepared: 07/28/2008 10:42 Analyzed: 07/28/2008 14:50

Ammonia as N	0.94	0.020	mg/L	1.00	0.023	92	90-110			
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Matrix Spike Dup (8G28012-MSD1)**Source: A803696-01**

Prepared: 07/28/2008 10:42 Analyzed: 07/28/2008 14:51

Ammonia as N	0.94	0.020	mg/L	1.00	0.023	92	90-110	0.1	10	
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Special Notes

- [1] V = Analyte is found in the associated blank as well as in the sample (CLP B-flag).
- [2] D = Data reported from a dilution
- [3] I = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- [4] I-01 = Result is estimated due to positive results in the associated method blank.
- [5] QV-01 = The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact on the deviation.
- [6] U = Analyte included in the analysis, but not detected



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LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury Total EPA 7000	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182



SITE: Citrus County I.F. PROJECT NO.: 0320-032-01-1060
DATE: 3-22-08 MEASURED BY: df

[illegible]

CITRUS COUNTY CENTRAL LANDFILL
THIRD QUARTER 2007
DEP PERMIT NO. 21375-008-SO/01

TOTAL TRIHALOMETHANES CALCULATION

Station ID Number	Station Name	Sample Date	Analysis Date	Numeric Result	Units	Store Code	Parameter Name	Analysis Method	Sample Quarter
08S2CC-LEFF	Leachate Effluent	7/22/2008	7/27/2008	15	µg/L	032101	Bromodichloromethane	EPA 8260B	08Q3
08S2CC-LEFF	Leachate Effluent	7/22/2008	7/27/2008	4.8	µg/L	032104	Bromoform	EPA 8260B	08Q3
08S2CC-LEFF	Leachate Effluent	7/22/2008	7/27/2008	12	µg/L	032106	Chloroform	EPA 8260B	08Q3
08S2CC-LEFF	Leachate Effluent	7/22/2008	7/27/2008	10	µg/L	032105	Dibromochloromethane	EPA 8260B	08Q3
08S2CC-LEFF	Leachate Effluent	7/22/2008	7/27/2008	41.8	µg/L	032105	Total Trihalomethanes	EPA 8260B	08Q3

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



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Wednesday, August 13, 2008

Jones Edmunds & Associates, Inc. (JO006)

Attn: Elizabeth Kennelley

730 N.E. Waldo Road Bldg. A

Gainesville, FL 32641

**RE: Project Number: 03860-032-01-1000, Project Name/Desc: Citrus County Landfill
ENCO Workorder: A803714**

Dear Elizabeth Kennelley,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, July 24, 2008.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads "David M. Camacho". The signature is written in a cursive style with a large, stylized "D" and "C".

David Camacho
Project Manager

Enclosure(s)



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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	-	-	-	<0.27 [15]	-	-
Vinyl chloride	1.0 ug/L	-	-	-	<0.22 [15]	-	-
Bromomethane	1.0 ug/L	-	-	-	<0.40 [15]	-	-
Chloroethane	1.0 ug/L	-	-	-	<0.93 [15]	-	-
Trichlorofluoromethane	1.0 ug/L	-	-	-	<0.26 [15]	-	-
Acetone	5.0 ug/L	-	-	-	9.6	-	-
1,1-Dichloroethene	1.0 ug/L	-	-	-	<0.50 [15]	-	-
Iodomethane	3.0 ug/L	-	-	-	<0.33 [15]	-	-
Carbon disulfide	5.0 ug/L	-	-	-	<0.22 [15]	-	-
Methylene chloride	1.0 ug/L	-	-	-	<0.27 [15]	-	-
Acrylonitrile	5.0 ug/L	-	-	-	<3.8 [15]	-	-
trans-1,2-Dichloroethene	1.0 ug/L	-	-	-	<0.43 [15]	-	-
cis-1,2-Dichloroethene	1.0 ug/L	-	-	-	<0.22 [15]	-	-
1,1-Dichloroethane	1.0 ug/L	-	-	-	<0.21 [15]	-	-
Vinyl acetate	1.0 ug/L	-	-	-	<0.26 [15]	-	-
2-Butanone	5.0 ug/L	-	-	-	2.7 [3]	-	-
Chloroform	1.0 ug/L	-	-	-	<0.27 [15]	-	-
Bromochloromethane	1.0 ug/L	-	-	-	<0.43 [15]	-	-
1,1,1-Trichloroethane	1.0 ug/L	-	-	-	<0.22 [15]	-	-
Carbon tetrachloride	1.0 ug/L	-	-	-	<0.27 [15]	-	-
1,2-Dichloroethane	1.0 ug/L	-	-	-	<0.26 [15]	-	-
Benzene	1.0 ug/L	-	-	-	0.67 [3]	-	-
Trichloroethene	1.0 ug/L	-	-	-	<0.26 [15]	-	-
1,2-Dichloropropane	1.0 ug/L	-	-	-	<0.40 [15]	-	-
Bromodichloromethane	1.0 ug/L	-	-	-	<0.25 [15]	-	-
Dibromomethane	1.0 ug/L	-	-	-	<0.30 [15]	-	-
4-Methyl-2-pentanone	5.0 ug/L	-	-	-	<0.67 [15]	-	-
2-Hexanone	5.0 ug/L	-	-	-	<0.50 [15]	-	-
cis-1,3-Dichloropropene	1.0 ug/L	-	-	-	<0.27 [15]	-	-
Toluene	1.0 ug/L	-	-	-	0.82 [3]	-	-
trans-1,3-Dichloropropene	1.0 ug/L	-	-	-	<0.20 [15]	-	-
1,1,2-Trichloroethane	1.0 ug/L	-	-	-	<0.20 [15]	-	-
Tetrachloroethene	1.0 ug/L	-	-	-	<0.20 [15]	-	-
Dibromochloromethane	1.0 ug/L	-	-	-	<0.25 [15]	-	-
Chlorobenzene	1.0 ug/L	-	-	-	1.0	-	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	-	-	-	<0.31 [15]	-	-
Ethylbenzene	1.0 ug/L	-	-	-	9.6	-	-
m,p-Xylenes	1.0 ug/L	-	-	-	3.0	-	-
o-Xylene	1.0 ug/L	-	-	-	0.92 [3]	-	-
Bromoform	1.0 ug/L	-	-	-	<0.20 [15]	-	-
Styrene	1.0 ug/L	-	-	-	0.29 [3]	-	-
1,2,3-Trichloropropane	1.0 ug/L	-	-	-	<0.39 [15]	-	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	-	-	-	<0.39 [15]	-	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	-	-	-	<0.69 [15]	-	-



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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

Volatile Organic Compounds by GCMS (continued)

1,4-Dichlorobenzene	1.0 ug/L	-	-	-	4.5	-	-
1,2-Dichlorobenzene	1.0 ug/L	-	-	-	<0.29 [15]	-	-
Xylenes (Total)	1.0 ug/L	-	-	-	3.9	-	-
Dibromofluoromethane	141 [surr]	-	-	-	116%	-	-
Toluene-d8	134 [surr]	-	-	-	96.0%	-	-
4-Bromofluorobenzene	147 [surr]	-	-	-	91.8%	-	-
Dichlorodifluoromethane	1.0 ug/L	-	<1.6 [2] [15]	<0.33 [15]	-	-	-
Chloromethane	1.0 ug/L	-	<1.4 [2] [15]	<0.27 [15]	-	-	-
Vinyl chloride	1.0 ug/L	-	17 [2]	<0.22 [15]	-	-	-
Bromomethane	1.0 ug/L	-	<2.0 [2] [15]	<0.40 [15]	-	-	-
Chloroethane	1.0 ug/L	-	<4.6 [2] [15]	<0.93 [15]	-	-	-
Trichlorofluoromethane	1.0 ug/L	-	<1.3 [2] [15]	<0.26 [15]	-	-	-
Acrolein	10 ug/L	-	<50 [2] [15]	<10 [15]	-	-	-
Acetone	5.0 ug/L	-	95 [2]	<1.5 [15]	-	-	-
1,1-Dichloroethene	1.0 ug/L	-	<2.5 [2] [15]	<0.50 [15]	-	-	-
3-Chloropropene	1.0 ug/L	-	<2.2 [2] [15]	<0.43 [15]	-	-	-
Acetonitrile	10 ug/L	-	<50 [2] [15]	<10 [15]	-	-	-
Iodomethane	3.0 ug/L	-	<1.6 [2] [15]	<0.33 [15]	-	-	-
Carbon disulfide	5.0 ug/L	-	<1.1 [2] [15]	<0.22 [15]	-	-	-
Methylene chloride	1.0 ug/L	-	<1.4 [2] [15]	<0.27 [15]	-	-	-
Acrylonitrile	5.0 ug/L	-	<19 [2] [15]	<3.8 [15]	-	-	-
trans-1,2-Dichloroethene	1.0 ug/L	-	<2.2 [2] [15]	<0.43 [15]	-	-	-
cis-1,2-Dichloroethene	1.0 ug/L	-	<1.1 [2] [15]	<0.22 [15]	-	-	-
1,1-Dichloroethane	1.0 ug/L	-	3.9 [2] [3]	<0.21 [15]	-	-	-
Vinyl acetate	1.0 ug/L	-	<1.3 [2] [15]	<0.26 [15]	-	-	-
Chloroprene	1.0 ug/L	-	<1.0 [2] [15]	<0.20 [15]	-	-	-
2-Butanone	5.0 ug/L	-	84 [2]	<1.3 [15]	-	-	-
Propionitrile	10 ug/L	-	<26 [2] [15]	<5.2 [15]	-	-	-
2,2-Dichloropropane	1.0 ug/L	-	<1.6 [2] [15]	<0.32 [15]	-	-	-
Methacrylonitrile	10 ug/L	-	<18 [2] [15]	<3.5 [15]	-	-	-
Chloroform	1.0 ug/L	-	<1.4 [2] [15]	0.62 [3]	-	-	-
Bromochloromethane	1.0 ug/L	-	<2.2 [2] [15]	<0.43 [15]	-	-	-
1,1,1-Trichloroethane	1.0 ug/L	-	<1.1 [2] [15]	<0.22 [15]	-	-	-
1,1-Dichloropropene	1.0 ug/L	-	<1.4 [2] [15]	<0.27 [15]	-	-	-
Carbon tetrachloride	1.0 ug/L	-	<1.4 [2] [15]	<0.27 [15]	-	-	-
1,2-Dichloroethane	1.0 ug/L	-	8.7 [2]	<0.26 [15]	-	-	-
Benzene	1.0 ug/L	-	34 [2]	<0.30 [15]	-	-	-
Isobutyl alcohol	20 ug/L	-	<100 [2] [8] [15]	<20 [8] [15]	-	-	-
Trichloroethene	1.0 ug/L	-	<1.3 [2] [15]	<0.26 [15]	-	-	-
1,2-Dichloropropane	1.0 ug/L	-	<2.0 [2] [15]	<0.40 [15]	-	-	-
Methyl Methacrylate	1.0 ug/L	-	<2.2 [2] [15]	<0.45 [15]	-	-	-
Bromodichloromethane	1.0 ug/L	-	<1.2 [2] [15]	<0.25 [15]	-	-	-
Dibromomethane	1.0 ug/L	-	<1.5 [2] [15]	<0.30 [15]	-	-	-
4-Methyl-2-pentanone	5.0 ug/L	-	<3.4 [2] [15]	<0.67 [15]	-	-	-



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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

Volatile Organic Compounds by GCMS (continued)

2-Hexanone	5.0 ug/L	-	<2.5 [2] [15]	<0.50 [15]	-	-	-
cis-1,3-Dichloropropene	1.0 ug/L	-	<1.4 [2] [15]	<0.27 [15]	-	-	-
Toluene	1.0 ug/L	-	39 [2]	<0.26 [15]	-	-	-
Ethyl Methacrylate	2.0 ug/L	-	<1.9 [2] [15]	<0.38 [15]	-	-	-
trans-1,3-Dichloropropene	1.0 ug/L	-	<1.0 [2] [15]	<0.20 [15]	-	-	-
1,1,2-Trichloroethane	1.0 ug/L	-	<1.0 [2] [15]	<0.20 [15]	-	-	-
1,3-Dichloropropane	1.0 ug/L	-	<1.2 [2] [15]	<0.25 [15]	-	-	-
Tetrachloroethene	1.0 ug/L	-	<1.0 [2] [15]	<0.20 [15]	-	-	-
Dibromochloromethane	1.0 ug/L	-	<1.2 [2] [15]	<0.25 [15]	-	-	-
1,2-Dibromoethane	1.0 ug/L	-	<2.0 [2] [15]	<0.40 [15]	-	-	-
Chlorobenzene	1.0 ug/L	-	2.4 [2] [3]	<0.28 [15]	-	-	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	-	<1.6 [2] [15]	<0.31 [15]	-	-	-
Ethylbenzene	1.0 ug/L	-	62 [2]	<0.25 [15]	-	-	-
m,p-Xylenes	1.0 ug/L	-	84 [2]	<0.71 [15]	-	-	-
o-Xylene	1.0 ug/L	-	18 [2]	<0.22 [15]	-	-	-
Bromoform	1.0 ug/L	-	<1.0 [2] [15]	<0.20 [15]	-	-	-
Styrene	1.0 ug/L	-	2.2 [2] [3]	<0.20 [15]	-	-	-
1,2,3-Trichloropropane	1.0 ug/L	-	<2.0 [2] [15]	<0.39 [15]	-	-	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	-	<2.0 [2] [15]	<0.39 [15]	-	-	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	-	<3.4 [2] [15]	<0.69 [15]	-	-	-
1,2,4-Trichlorobenzene	1.0 ug/L	-	<2.0 [2] [15]	<0.40 [15]	-	-	-
1,3-Dichlorobenzene	1.0 ug/L	-	<1.8 [2] [15]	<0.36 [15]	-	-	-
1,4-Dichlorobenzene	1.0 ug/L	-	14 [2]	<0.27 [15]	-	-	-
1,2-Dichlorobenzene	1.0 ug/L	-	<1.4 [2] [15]	<0.29 [15]	-	-	-
1,2-Dibromo-3-chloropropane	1.0 ug/L	-	<2.5 [2] [15]	<0.50 [15]	-	-	-
Naphthalene	1.0 ug/L	-	2.8 [2] [3]	<0.27 [15]	-	-	-
Hexachlorobutadiene	1.0 ug/L	-	<1.5 [2] [15]	<0.30 [15]	-	-	-
Xylenes (Total)	1.0 ug/L	-	100 [2]	<0.71 [15]	-	-	-
Dibromofluoromethane	141 [surr]	-	137%	117%	-	-	-
Toluene-d8	134 [surr]	-	113%	98.0%	-	-	-
4-Bromofluorobenzene	147 [surr]	-	101%	93.3%	-	-	-
Vinyl chloride	1 ug/L	-	-	-	-	0.22 [3]	<0.22 [15]
Methylene Chloride	1 ug/L	-	-	-	-	<0.27 [15]	<0.27 [15]
Benzene	1 ug/L	-	-	-	-	<0.30 [15]	<0.30 [15]
Dibromofluoromethane	141 [surr]	-	-	-	-	80.6%	79.5%
Toluene-d8	134 [surr]	-	-	-	-	80.5%	79.2%
4-Bromofluorobenzene	147 [surr]	-	-	-	-	83.3%	84.4%

TCLP Volatile Organics by GCMS (Water)

Vinyl chloride	1.0 ug/L	<22 [2] [15]	-	-	-	-	-
1,1-Dichloroethene	1.0 ug/L	<50 [2] [15]	-	-	-	-	-
2-Butanone	5.0 ug/L	<130 [2] [15]	-	-	-	-	-
Chloroform	1.0 ug/L	<27 [2] [15]	-	-	-	-	-
Carbon Tetrachloride	1.0 ug/L	<27 [2] [15]	-	-	-	-	-
1,2-Dichloroethane	1.0 ug/L	<26 [2] [15]	-	-	-	-	-



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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

TCLP Volatile Organics by GCMS (continued)

Benzene	1.0 ug/L	<30 [2] [15]	-	-	-	-	-
Trichloroethene	1.0 ug/L	<26 [2] [15]	-	-	-	-	-
Tetrachloroethene	1.0 ug/L	<20 [2] [15]	-	-	-	-	-
Chlorobenzene	1.0 ug/L	<28 [2] [15]	-	-	-	-	-
Dibromofluoromethane	141 [surr]	75.6%	-	-	-	-	-
Toluene-d8	134 [surr]	74.3%	-	-	-	-	-
4-Bromofluorobenzene	147 [surr]	77.5%	-	-	-	-	-

TCLP Semivolatile Organics by GCMS (Water)

Pyridine	10 ug/L	<12 [15]	-	-	-	-	-
1,4-Dichlorobenzene	10 ug/L	<11 [15]	-	-	-	-	-
2-Methylphenol	10 ug/L	<12 [15]	-	-	-	-	-
3 & 4-Methylphenol	10 ug/L	<24 [15]	-	-	-	-	-
Hexachloroethane	10 ug/L	<10 [15]	-	-	-	-	-
Nitrobenzene	10 ug/L	<14 [8] [15]	-	-	-	-	-
Hexachlorobutadiene	10 ug/L	<9.0 [15]	-	-	-	-	-
2,4,6-Trichlorophenol	10 ug/L	<30 [15]	-	-	-	-	-
2,4,5-Trichlorophenol	10 ug/L	<15 [15]	-	-	-	-	-
2,4-Dinitrotoluene	10 ug/L	<15 [8] [15]	-	-	-	-	-
Hexachlorobenzene	10 ug/L	<13 [15]	-	-	-	-	-
Pentachlorophenol	10 ug/L	<30 [15]	-	-	-	-	-
2-Fluorophenol	79 [surr]	47.5%	-	-	-	-	-
Phenol-d5	54 [surr]	31.7%	-	-	-	-	-
Nitrobenzene-d5	112 [surr]	78.0%	-	-	-	-	-
2-Fluorobiphenyl	102 [surr]	69.9%	-	-	-	-	-
2,4,6-Tribromophenol	128 [surr]	88.9%	-	-	-	-	-
Terphenyl-d14	122 [surr]	88.3%	-	-	-	-	-

TCLP Pesticides by GC (Water)

gamma-BHC	0.05 ug/L	<0.8 [15]	-	-	-	-	-
Heptachlor [2C]	0.05 ug/L	<0.8 [15]	-	-	-	-	-
Heptachlor epoxide	0.05 ug/L	<0.7 [15]	-	-	-	-	-
Endrin	0.05 ug/L	<0.8 [15]	-	-	-	-	-
Methoxychlor	0.05 ug/L	<0.9 [15]	-	-	-	-	-
Chlordane (tech)	0.5 ug/L	<2 [15]	-	-	-	-	-
Toxaphene	1 ug/L	<4 [15]	-	-	-	-	-
2,4,5,6-TCMX	142 [surr]	67%	-	-	-	-	-
Decachlorobiphenyl	159 [surr]	112%	-	-	-	-	-

TCLP Herbicides by GC (Water)

2,4-D	0.5 ug/L	<1 [12] [15]	-	-	-	-	-
2,4,5-TP (Silvex)	0.5 ug/L	<0.9 [12] [15]	-	-	-	-	-
2,4-DCAA	191 [surr]	101%	-	-	-	-	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	-	<0.006 [15]	<0.006 [15]	<0.006 [15]	-	-
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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

Semivolatile Organic Compounds by GC (continued)

1,2-Dibromo-3-chloropropane	0.020 ug/L	-	<0.003 [15]	<0.003 [15]	<0.003 [15]	-	-
1,3-Dichlorobenzene	150 [surr]	-	130%	108%	112%	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5.00 ug/L	-	-	-	<0.820 [15]	-	-
Arsenic	10.0 ug/L	-	-	-	<1.10 [15]	-	-
Barium	100 ug/L	-	-	-	21.7 [1] [3] [4]	-	-
Beryllium	1.00 ug/L	-	-	-	<0.730 [15]	-	-
Cadmium	3.00 ug/L	-	-	-	<0.820 [15]	-	-
Chromium	10.0 ug/L	-	-	-	3.08 [1] [3] [4]	-	-
Cobalt	10.0 ug/L	-	-	-	<0.500 [15]	-	-
Copper	10.0 ug/L	-	-	-	28.0	-	-
Iron	50.0 ug/L	-	-	-	590 [1] [7]	-	-
Lead	5.00 ug/L	-	-	-	15.6 [1] [7]	-	-
Mercury	0.200 ug/L	-	-	-	0.058 [3]	-	-
Nickel	10.0 ug/L	-	-	-	2.33 [3]	-	-
Selenium	10.0 ug/L	-	-	-	<3.10 [15]	-	-
Silver	1.00 ug/L	-	-	-	<0.072 [15]	-	-
Sodium	1.00 mg/L	-	-	-	4.87 [1] [7]	-	-
Thallium	1.00 ug/L	-	-	-	<0.200 [15]	-	-
Vanadium	10.0 ug/L	-	-	-	0.744 [1] [3] [4]	-	-
Zinc	50.0 ug/L	-	-	-	40.7 [3]	-	-

TCLP Metals by 6000/7000 Series Methods (Water)

Arsenic	0.500 mg/L	<0.001 [15]	-	-	-	-	-
Barium	5.00 mg/L	0.121 [3]	-	-	-	-	-
Cadmium	0.050 mg/L	<0.0008 [15]	-	-	-	-	-
Chromium	0.500 mg/L	<0.0007 [15]	-	-	-	-	-
Lead	0.250 mg/L	<0.0005 [15]	-	-	-	-	-
Mercury	0.0002 mg/L	<0.0002 [15]	-	-	-	-	-
Selenium	0.500 mg/L	<0.003 [15]	-	-	-	-	-
Silver	0.050 mg/L	<0.00007 [15]	-	-	-	-	-

Classical Chemistry Parameters (Soil)

pH	1.0 pH Units	5.7 [6]	-	-	-	-	-
Total Solids	0.0010 % by Volume	0.612	-	-	-	-	-

Classical Chemistry Parameters (Water)

Ammonia as N	0.020 mg/L	-	-	-	0.37	-	-
Chloride	5.0 mg/L	-	-	-	5.3	-	-
Nitrate as N	1.0 mg/L	-	-	-	0.39 [3]	-	-
Total Dissolved Solids	10 mg/L	-	-	-	54	-	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	-	1953	3806	56	205	91
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LAB #		A803714-01	A803714-02	A803714-03	A803714-04	A803714-05	A803714-06
MATRIX	Minimum	Sludge	Waste Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	Sludge::08S2CCS L	Pase 2 Primary::08S2CC P2prime	Master Lift::08S2CCML	MW-3::08S2CC3	MW- 18::08S2CC18	MW- 19::08S2CC19

Field Parameters (continued)

Dissolved Oxygen	0.00 mg/L	-	0.62	3.13	5.88	1.47	5.11
pH	pH Units	-	6.47	7.02	4.84	5.76	5.96
Oxidation/Reduction Potential	mV	-	-84.1	43.7	157.5	-7.0	85.1
Temperature	0.00 °C	-	31.85	30.95	26.95	26.59	24.70
Turbidity	0.00 NTU	-	31.1	19.9	0.89	14.2	8.40



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Volatile Organic Compounds by GCMS (Water)

Chloromethane	1.0 ug/L	<0.27 [15]	<0.27 [15]	-	-	-	<0.27 [15]
Vinyl chloride	1.0 ug/L	0.92 [3]	<0.22 [15]	-	-	-	<0.22 [15]
Bromomethane	1.0 ug/L	<0.40 [15]	<0.40 [15]	-	-	-	<0.40 [15]
Chloroethane	1.0 ug/L	<0.93 [15]	<0.93 [15]	-	-	-	<0.93 [15]
Trichlorofluoromethane	1.0 ug/L	<0.26 [15]	<0.26 [15]	-	-	-	<0.26 [15]
Acetone	5.0 ug/L	<1.5 [15]	<1.5 [15]	-	-	-	<1.5 [15]
1,1-Dichloroethene	1.0 ug/L	<0.50 [15]	<0.50 [15]	-	-	-	<0.50 [15]
Iodomethane	3.0 ug/L	<0.33 [14] [15]	<0.33 [14] [15]	-	-	-	<0.33 [14] [15]
Carbon disulfide	5.0 ug/L	<0.22 [14] [15]	<0.22 [14] [15]	-	-	-	<0.22 [14] [15]
Methylene chloride	1.0 ug/L	3.9	<0.27 [15]	-	-	-	<0.27 [15]
Acrylonitrile	5.0 ug/L	<3.8 [15]	<3.8 [15]	-	-	-	<3.8 [15]
trans-1,2-Dichloroethene	1.0 ug/L	<0.43 [15]	<0.43 [15]	-	-	-	<0.43 [15]
cis-1,2-Dichloroethene	1.0 ug/L	5.4	<0.22 [15]	-	-	-	<0.22 [15]
1,1-Dichloroethane	1.0 ug/L	0.75 [3]	<0.21 [15]	-	-	-	<0.21 [15]
Vinyl acetate	1.0 ug/L	<0.26 [15]	<0.26 [15]	-	-	-	<0.26 [15]
2-Butanone	5.0 ug/L	<1.3 [15]	<1.3 [15]	-	-	-	<1.3 [15]
Chloroform	1.0 ug/L	<0.27 [15]	<0.27 [15]	-	-	-	<0.27 [15]
Bromochloromethane	1.0 ug/L	<0.43 [15]	<0.43 [15]	-	-	-	<0.43 [15]
1,1,1-Trichloroethane	1.0 ug/L	<0.22 [15]	<0.22 [15]	-	-	-	<0.22 [15]
Carbon tetrachloride	1.0 ug/L	<0.27 [15]	<0.27 [15]	-	-	-	<0.27 [15]
1,2-Dichloroethane	1.0 ug/L	<0.26 [15]	<0.26 [15]	-	-	-	<0.26 [15]
Benzene	1.0 ug/L	1.4	<0.30 [15]	-	-	-	<0.30 [15]
Trichloroethene	1.0 ug/L	<0.26 [15]	<0.26 [15]	-	-	-	<0.26 [15]
1,2-Dichloropropane	1.0 ug/L	<0.40 [15]	<0.40 [15]	-	-	-	<0.40 [15]
Bromodichloromethane	1.0 ug/L	<0.25 [15]	<0.25 [15]	-	-	-	<0.25 [15]
Dibromomethane	1.0 ug/L	<0.30 [15]	<0.30 [15]	-	-	-	<0.30 [15]
4-Methyl-2-pentanone	5.0 ug/L	<0.67 [15]	<0.67 [15]	-	-	-	<0.67 [15]
2-Hexanone	5.0 ug/L	<0.50 [15]	<0.50 [15]	-	-	-	<0.50 [15]
cis-1,3-Dichloropropene	1.0 ug/L	<0.27 [15]	<0.27 [15]	-	-	-	<0.27 [15]
Toluene	1.0 ug/L	<0.26 [15]	<0.26 [15]	-	-	-	<0.26 [15]
trans-1,3-Dichloropropene	1.0 ug/L	<0.20 [15]	<0.20 [15]	-	-	-	<0.20 [15]
1,1,2-Trichloroethane	1.0 ug/L	<0.20 [15]	<0.20 [15]	-	-	-	<0.20 [15]
Tetrachloroethene	1.0 ug/L	<0.20 [15]	<0.20 [15]	-	-	-	<0.20 [15]
Dibromochloromethane	1.0 ug/L	<0.25 [15]	<0.25 [15]	-	-	-	<0.25 [15]
Chlorobenzene	1.0 ug/L	0.33 [3]	<0.28 [15]	-	-	-	<0.28 [15]
1,1,1,2-Tetrachloroethane	1.0 ug/L	<0.31 [15]	<0.31 [15]	-	-	-	<0.31 [15]
Ethylbenzene	1.0 ug/L	<0.25 [15]	<0.25 [15]	-	-	-	<0.25 [15]
m,p-Xylenes	1.0 ug/L	3.4	<0.71 [15]	-	-	-	<0.71 [15]
o-Xylene	1.0 ug/L	0.34 [3]	<0.22 [15]	-	-	-	<0.22 [15]
Bromoform	1.0 ug/L	<0.20 [15]	<0.20 [15]	-	-	-	<0.20 [15]
Styrene	1.0 ug/L	<0.20 [15]	<0.20 [15]	-	-	-	<0.20 [15]
1,2,3-Trichloropropane	1.0 ug/L	<0.39 [15]	<0.39 [15]	-	-	-	<0.39 [15]
1,1,2,2-Tetrachloroethane	1.0 ug/L	<0.39 [15]	<0.39 [15]	-	-	-	<0.39 [15]
trans-1,4-Dichloro-2-butene	1.0 ug/L	<0.69 [15]	<0.69 [15]	-	-	-	<0.69 [15]



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Volatile Organic Compounds by GCMS (continued)

1,4-Dichlorobenzene	1.0 ug/L	4.6	<0.27 [15]	-	-	-	<0.27 [15]
1,2-Dichlorobenzene	1.0 ug/L	<0.29 [15]	<0.29 [15]	-	-	-	<0.29 [15]
Xylenes (Total)	1.0 ug/L	3.7	<0.71 [15]	-	-	-	<0.71 [15]
Dibromofluoromethane	141 [surr]	78.0%	79.1%	-	-	-	76.0%
Toluene-d8	134 [surr]	80.8%	78.1%	-	-	-	74.1%
4-Bromofluorobenzene	147 [surr]	85.0%	83.1%	-	-	-	78.7%
Dichlorodifluoromethane	1.0 ug/L	-	-	<0.33 [15]	<0.33 [15]	<0.33 [15]	-
Chloromethane	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Vinyl chloride	1.0 ug/L	-	-	<0.22 [15]	<0.22 [15]	<0.22 [15]	-
Bromomethane	1.0 ug/L	-	-	<0.40 [15]	<0.40 [15]	<0.40 [15]	-
Chloroethane	1.0 ug/L	-	-	<0.93 [15]	<0.93 [15]	<0.93 [15]	-
Trichlorofluoromethane	1.0 ug/L	-	-	<0.26 [15]	<0.26 [15]	<0.26 [15]	-
Acrolein	10 ug/L	-	-	<10 [15]	<10 [15]	<10 [15]	-
Acetone	5.0 ug/L	-	-	<1.5 [15]	<1.5 [15]	<1.5 [15]	-
1,1-Dichloroethene	1.0 ug/L	-	-	<0.50 [15]	<0.50 [15]	<0.50 [15]	-
3-Chloropropene	1.0 ug/L	-	-	<0.43 [14] [15]	<0.43 [14] [15]	<0.43 [14] [15]	-
Acetonitrile	10 ug/L	-	-	<10 [15]	<10 [15]	<10 [15]	-
Iodomethane	3.0 ug/L	-	-	<0.33 [14] [15]	<0.33 [14] [15]	<0.33 [14] [15]	-
Carbon disulfide	5.0 ug/L	-	-	<0.22 [14] [15]	<0.22 [14] [15]	<0.22 [14] [15]	-
Methylene chloride	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Acrylonitrile	5.0 ug/L	-	-	<3.8 [15]	<3.8 [15]	<3.8 [15]	-
trans-1,2-Dichloroethene	1.0 ug/L	-	-	<0.43 [15]	<0.43 [15]	<0.43 [15]	-
cis-1,2-Dichloroethene	1.0 ug/L	-	-	<0.22 [15]	<0.22 [15]	<0.22 [15]	-
1,1-Dichloroethane	1.0 ug/L	-	-	<0.21 [15]	<0.21 [15]	<0.21 [15]	-
Vinyl acetate	1.0 ug/L	-	-	<0.26 [15]	<0.26 [15]	<0.26 [15]	-
Chloroprene	1.0 ug/L	-	-	<0.20 [14] [15]	<0.20 [14] [15]	<0.20 [14] [15]	-
2-Butanone	5.0 ug/L	-	-	<1.3 [15]	<1.3 [15]	<1.3 [15]	-
Propionitrile	10 ug/L	-	-	<5.2 [15]	<5.2 [15]	<5.2 [15]	-
2,2-Dichloropropane	1.0 ug/L	-	-	<0.32 [15]	<0.32 [15]	<0.32 [15]	-
Methacrylonitrile	10 ug/L	-	-	<3.5 [15]	<3.5 [15]	<3.5 [15]	-
Chloroform	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Bromochloromethane	1.0 ug/L	-	-	<0.43 [15]	<0.43 [15]	<0.43 [15]	-
1,1,1-Trichloroethane	1.0 ug/L	-	-	<0.22 [15]	<0.22 [15]	<0.22 [15]	-
1,1-Dichloropropene	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Carbon tetrachloride	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
1,2-Dichloroethane	1.0 ug/L	-	-	<0.26 [15]	<0.26 [15]	<0.26 [15]	-
Benzene	1.0 ug/L	-	-	<0.30 [15]	<0.30 [15]	<0.30 [15]	-
Isobutyl alcohol	20 ug/L	-	-	<20 [15]	<20 [15]	<20 [15]	-
Trichloroethene	1.0 ug/L	-	-	<0.26 [15]	<0.26 [15]	<0.26 [15]	-
1,2-Dichloropropane	1.0 ug/L	-	-	<0.40 [15]	<0.40 [15]	<0.40 [15]	-
Methyl Methacrylate	1.0 ug/L	-	-	<0.45 [15]	<0.45 [15]	<0.45 [15]	-
Bromodichloromethane	1.0 ug/L	-	-	<0.25 [15]	<0.25 [15]	<0.25 [15]	-
Dibromomethane	1.0 ug/L	-	-	<0.30 [15]	<0.30 [15]	<0.30 [15]	-
4-Methyl-2-pentanone	5.0 ug/L	-	-	<0.67 [15]	<0.67 [15]	<0.67 [15]	-



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Volatile Organic Compounds by GCMS (continued)

2-Hexanone	5.0 ug/L	-	-	<0.50 [15]	<0.50 [15]	<0.50 [15]	-
cis-1,3-Dichloropropene	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Toluene	1.0 ug/L	-	-	<0.26 [15]	<0.26 [15]	<0.26 [15]	-
Ethyl Methacrylate	2.0 ug/L	-	-	<0.38 [15]	<0.38 [15]	<0.38 [15]	-
trans-1,3-Dichloropropene	1.0 ug/L	-	-	<0.20 [15]	<0.20 [15]	<0.20 [15]	-
1,1,2-Trichloroethane	1.0 ug/L	-	-	<0.20 [15]	<0.20 [15]	<0.20 [15]	-
1,3-Dichloropropane	1.0 ug/L	-	-	<0.25 [15]	<0.25 [15]	<0.25 [15]	-
Tetrachloroethene	1.0 ug/L	-	-	<0.20 [15]	<0.20 [15]	<0.20 [15]	-
Dibromochloromethane	1.0 ug/L	-	-	<0.25 [15]	<0.25 [15]	<0.25 [15]	-
1,2-Dibromoethane	1.0 ug/L	-	-	<0.40 [15]	<0.40 [15]	<0.40 [15]	-
Chlorobenzene	1.0 ug/L	-	-	<0.28 [15]	<0.28 [15]	<0.28 [15]	-
1,1,1,2-Tetrachloroethane	1.0 ug/L	-	-	<0.31 [15]	<0.31 [15]	<0.31 [15]	-
Ethylbenzene	1.0 ug/L	-	-	<0.25 [15]	<0.25 [15]	<0.25 [15]	-
m,p-Xylenes	1.0 ug/L	-	-	<0.71 [15]	<0.71 [15]	<0.71 [15]	-
o-Xylene	1.0 ug/L	-	-	<0.22 [15]	<0.22 [15]	<0.22 [15]	-
Bromoform	1.0 ug/L	-	-	<0.20 [15]	<0.20 [15]	<0.20 [15]	-
Styrene	1.0 ug/L	-	-	<0.20 [15]	<0.20 [15]	<0.20 [15]	-
1,2,3-Trichloropropane	1.0 ug/L	-	-	<0.39 [15]	<0.39 [15]	<0.39 [15]	-
1,1,2,2-Tetrachloroethane	1.0 ug/L	-	-	<0.39 [15]	<0.39 [15]	<0.39 [15]	-
trans-1,4-Dichloro-2-butene	1.0 ug/L	-	-	<0.69 [15]	<0.69 [15]	<0.69 [15]	-
1,2,4-Trichlorobenzene	1.0 ug/L	-	-	<0.40 [15]	<0.40 [15]	<0.40 [15]	-
1,3-Dichlorobenzene	1.0 ug/L	-	-	<0.36 [15]	<0.36 [15]	<0.36 [15]	-
1,4-Dichlorobenzene	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
1,2-Dichlorobenzene	1.0 ug/L	-	-	<0.29 [15]	<0.29 [15]	<0.29 [15]	-
1,2-Dibromo-3-chloropropane	1.0 ug/L	-	-	<0.50 [15]	<0.50 [15]	<0.50 [15]	-
Naphthalene	1.0 ug/L	-	-	<0.27 [15]	<0.27 [15]	<0.27 [15]	-
Hexachlorobutadiene	1.0 ug/L	-	-	<0.30 [15]	<0.30 [15]	<0.30 [15]	-
Xylenes (Total)	1.0 ug/L	-	-	<0.71 [15]	<0.71 [15]	<0.71 [15]	-
Dibromofluoromethane	141 [surr]	-	-	78.5%	75.5%	75.9%	-
Toluene-d8	134 [surr]	-	-	77.5%	75.8%	74.6%	-
4-Bromofluorobenzene	147 [surr]	-	-	81.7%	77.7%	80.2%	-

Semivolatile Organic Compounds by GCMS SIM (Water)

N-Nitrosodimethylamine	10 ug/L	-	-	<1.8 [5] [15]	-	-	-
N-Nitrosomethylethylamine	10 ug/L	-	-	<2.9 [15]	-	-	-
Methyl Methanesulfonate	10 ug/L	-	-	<2.3 [15]	-	-	-
N-Nitrosodiethylamine	10 ug/L	-	-	<2.9 [15]	-	-	-
Ethyl methanesulfonate	10 ug/L	-	-	<3.0 [15]	-	-	-
Phenol	10 ug/L	-	-	<2.6 [15]	-	-	-
Bis(2-chloroethyl)ether	10 ug/L	-	-	<2.9 [8] [15]	-	-	-
2-Chlorophenol	10 ug/L	-	-	<5.7 [15]	-	-	-
Benzyl alcohol	10 ug/L	-	-	<2.8 [15]	-	-	-
2-Methylphenol	10 ug/L	-	-	<2.4 [15]	-	-	-
Bis(2-chloroisopropyl)ether	10 ug/L	-	-	<3.0 [8] [15]	-	-	-
Acetophenone	10 ug/L	-	-	<3.3 [15]	-	-	-



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Semivolatile Organic Compounds by GCMS SIM (continued)

3 & 4-Methylphenol	10 ug/L	-	-	<4.7 [15]	-	-	-
N-Nitroso-di-n-propylamine	10 ug/L	-	-	<3.4 [15]	-	-	-
N-Nitrosopyrrolidine	10 ug/L	-	-	<2.9 [15]	-	-	-
Hexachloroethane	10 ug/L	-	-	<2.1 [15]	-	-	-
o-Toluidine	10 ug/L	-	-	<2.8 [15]	-	-	-
Nitrobenzene	10 ug/L	-	-	<2.7 [8] [15]	-	-	-
N-Nitrosopiperidine	10 ug/L	-	-	<2.9 [15]	-	-	-
Isophorone	10 ug/L	-	-	<2.9 [8] [15]	-	-	-
2-Nitrophenol	10 ug/L	-	-	<6.1 [15]	-	-	-
2,4-Dimethylphenol	10 ug/L	-	-	<5.2 [15]	-	-	-
Bis(2-chloroethoxy)methane	10 ug/L	-	-	<2.8 [14] [15]	-	-	-
O,O,O-Triethyl phosphorothioate	10 ug/L	-	-	<2.7 [15]	-	-	-
2,4-Dichlorophenol	10 ug/L	-	-	<5.8 [15]	-	-	-
4-Chloroaniline	10 ug/L	-	-	<3.0 [15]	-	-	-
2,6-Dichlorophenol	10 ug/L	-	-	<3.0 [15]	-	-	-
Hexachloropropene	10 ug/L	-	-	<1.8 [15]	-	-	-
Hexachlorobutadiene [SIM]	0.1 ug/L	-	-	<0.025 [15]	-	-	-
N-Nitrosodi-n-butylamine	10 ug/L	-	-	<2.9 [15]	-	-	-
1,4-Phenylenediamine	10 ug/L	-	-	<7.3 [15]	-	-	-
4-Chloro-3-methylphenol	10 ug/L	-	-	<6.3 [15]	-	-	-
Safrole	10 ug/L	-	-	<2.7 [15]	-	-	-
2-Methylnaphthalene	10 ug/L	-	-	<2.5 [15]	-	-	-
Hexachlorocyclopentadiene	10 ug/L	-	-	<1.6 [15]	-	-	-
1,2,4,5-Tetrachlorobenzene	10 ug/L	-	-	<2.3 [15]	-	-	-
2,4,6-Trichlorophenol	10 ug/L	-	-	<6.1 [15]	-	-	-
2,4,5-Trichlorophenol	10 ug/L	-	-	<3.0 [15]	-	-	-
Isosafrole	10 ug/L	-	-	<3.1 [15]	-	-	-
2-Chloronaphthalene	10 ug/L	-	-	<2.8 [15]	-	-	-
2-Nitroaniline	10 ug/L	-	-	<3.7 [8] [15]	-	-	-
1,4-Naphthoquinone	10 ug/L	-	-	<3.2 [15]	-	-	-
Dimethylphthalate	10 ug/L	-	-	<3.7 [15]	-	-	-
1,3-Dinitrobenzene	10 ug/L	-	-	<3.1 [15]	-	-	-
2,6-Dinitrotoluene	10 ug/L	-	-	<2.8 [15]	-	-	-
Acenaphthylene	10 ug/L	-	-	<3.0 [15]	-	-	-
3-Nitroaniline	10 ug/L	-	-	<3.3 [15]	-	-	-
Acenaphthene	10 ug/L	-	-	<3.0 [15]	-	-	-
2,4-Dinitrophenol	10 ug/L	-	-	<5.7 [15]	-	-	-
Pentachlorobenzene	10 ug/L	-	-	<2.5 [15]	-	-	-
4-Nitrophenol	10 ug/L	-	-	<2.6 [15]	-	-	-
Dibenzofuran	10 ug/L	-	-	<3.1 [15]	-	-	-
2,4-Dinitrotoluene [SIM]	0.1 ug/L	-	-	<0.012 [15]	-	-	-
2-Naphthylamine	10 ug/L	-	-	<3.6 [15]	-	-	-
1-Naphthylamine	10 ug/L	-	-	<3.5 [15]	-	-	-
2,3,4,6-Tetrachlorophenol	10 ug/L	-	-	<3.0 [15]	-	-	-



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Semivolatile Organic Compounds by GCMS SIM (continued)

Diethylphthalate	10 ug/L	-	-	<2.7 [15]	-	-	-
4-Chlorophenyl-phenylether	10 ug/L	-	-	<2.8 [15]	-	-	-
Fluorene	10 ug/L	-	-	<2.9 [15]	-	-	-
Thionazin	10 ug/L	-	-	<2.8 [15]	-	-	-
5-Nitro-o-toluidine	10 ug/L	-	-	<2.8 [15]	-	-	-
4-Nitroaniline	10 ug/L	-	-	<3.3 [15]	-	-	-
2-Methyl-4,6-dinitrophenol	10 ug/L	-	-	<7.2 [15]	-	-	-
N-nitrosodiphenylamine/Diphenylamin	10 ug/L	-	-	<3.5 [15]	-	-	-
Diallate [SIM]	0.1 ug/L	-	-	<0.021 [15]	-	-	-
Phorate [SIM]	0.1 ug/L	-	-	<0.029 [15]	-	-	-
4-Bromophenyl-phenylether	10 ug/L	-	-	<2.8 [15]	-	-	-
Phenacetin	10 ug/L	-	-	<3.2 [15]	-	-	-
1,3,5-Trinitrobenzene	10 ug/L	-	-	<4.0 [15]	-	-	-
Hexachlorobenzene [SIM]	0.1 ug/L	-	-	<0.027 [15]	-	-	-
Dimethoate [SIM]	0.1 ug/L	-	-	<0.019 [15]	-	-	-
4-Aminobiphenyl	10 ug/L	-	-	<3.2 [15]	-	-	-
Pronamide	10 ug/L	-	-	<2.7 [15]	-	-	-
Pentachloronitrobenzene [SIM]	0.1 ug/L	-	-	<0.019 [15]	-	-	-
Phenanthrene	10 ug/L	-	-	<2.9 [15]	-	-	-
Anthracene [SIM]	0.1 ug/L	-	-	<0.021 [15]	-	-	-
Methyl Parathion [SIM]	0.1 ug/L	-	-	<0.014 [15]	-	-	-
Di-n-butylphthalate	10 ug/L	-	-	<3.0 [15]	-	-	-
Parathion [SIM]	0.1 ug/L	-	-	<0.017 [15]	-	-	-
Methapyrilene	10 ug/L	-	-	<9.3 [14] [15]	-	-	-
Isodrin	10 ug/L	-	-	<2.7 [15]	-	-	-
Fluoranthene [SIM]	0.1 ug/L	-	-	<0.024 [15]	-	-	-
Pyrene [SIM]	0.1 ug/L	-	-	<0.024 [15]	-	-	-
Butylbenzylphthalate	10 ug/L	-	-	<3.6 [14] [15]	-	-	-
p-Dimethylaminoazobenzene	10 ug/L	-	-	<2.9 [15]	-	-	-
Chlorobenzilate [SIM]	0.1 ug/L	-	-	<0.015 [15]	-	-	-
Famphur	10 ug/L	-	-	<2.8 [15]	-	-	-
3,3'-Dimethylbenzidine	10 ug/L	-	-	<2.2 [14] [15]	-	-	-
Kepone [SIM]	5 ug/L	-	-	<3.5 [15]	-	-	-
2-Acetylaminofluorene	10 ug/L	-	-	<3.2 [15]	-	-	-
3,3'-Dichlorobenzidine	10 ug/L	-	-	<3.2 [15]	-	-	-
Benzo(a)anthracene [SIM]	0.1 ug/L	-	-	<0.025 [15]	-	-	-
Bis(2-ethylhexyl)phthalate	10 ug/L	-	-	<3.4 [15]	-	-	-
Chrysene [SIM]	0.1 ug/L	-	-	<0.024 [15]	-	-	-
Di-n-octylphthalate	10 ug/L	-	-	<3.6 [15]	-	-	-
7,12-Dimethylbenz(a)anthracene	10 ug/L	-	-	<2.3 [15]	-	-	-
Benzo(b)fluoranthene [SIM]	0.1 ug/L	-	-	<0.021 [15]	-	-	-
Benzo(k)fluoranthene [SIM]	0.1 ug/L	-	-	<0.020 [15]	-	-	-
Benzo(a)pyrene [SIM]	0.1 ug/L	-	-	<0.019 [15]	-	-	-
3-Methylcholanthrene	10 ug/L	-	-	<2.7 [15]	-	-	-



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Semivolatile Organic Compounds by GCMS SIM (continued)

Indeno(1,2,3-cd)pyrene [SIM]	0.1 ug/L	-	-	<0.062 [15]	-	-	-
Dibenzo(a,h)anthracene [SIM]	0.1 ug/L	-	-	<0.078 [15]	-	-	-
Benzo(g,h,i)perylene [SIM]	0.1 ug/L	-	-	<0.071 [15]	-	-	-
2-Fluorophenol	79 [surr]	-	-	36.8%	-	-	-
Phenol-d5	54 [surr]	-	-	23.6%	-	-	-
Nitrobenzene-d5	112 [surr]	-	-	57.5%	-	-	-
2-Fluorobiphenyl	102 [surr]	-	-	54.4%	-	-	-
2,4,6-Tribromophenol	128 [surr]	-	-	46.3% [11]	-	-	-
Terphenyl-d14	122 [surr]	-	-	69.8%	-	-	-

Organochlorine Pesticides by GC (Water)

alpha-BHC [2C]	0.050 ug/L	-	-	<0.010 [15]	-	-	-
gamma-BHC [2C]	0.050 ug/L	-	-	<0.015 [15]	-	-	-
beta-BHC [2C]	0.050 ug/L	-	-	<0.019 [15]	-	-	-
delta-BHC [2C]	0.050 ug/L	-	-	<0.014 [15]	-	-	-
Heptachlor [2C]	0.050 ug/L	-	-	<0.016 [15]	-	-	-
Aldrin [2C]	0.050 ug/L	-	-	<0.020 [15]	-	-	-
Heptachlor epoxide [2C]	0.050 ug/L	-	-	<0.014 [15]	-	-	-
Chlordane-gamma [2C]	0.050 ug/L	-	-	<0.020 [15]	-	-	-
Chlordane-alpha [2C]	0.050 ug/L	-	-	<0.014 [15]	-	-	-
4,4'-DDE [2C]	0.050 ug/L	-	-	<0.017 [15]	-	-	-
Endosulfan I [2C]	0.050 ug/L	-	-	<0.021 [15]	-	-	-
Dieldrin [2C]	0.050 ug/L	-	-	<0.016 [15]	-	-	-
Endrin [2C]	0.050 ug/L	-	-	<0.016 [15]	-	-	-
4,4'-DDD [2C]	0.050 ug/L	-	-	<0.014 [15]	-	-	-
Endosulfan II [2C]	0.050 ug/L	-	-	<0.012 [15]	-	-	-
4,4'-DDT [2C]	0.050 ug/L	-	-	<0.013 [15]	-	-	-
Endrin aldehyde [2C]	0.050 ug/L	-	-	<0.011 [15]	-	-	-
Methoxychlor [2C]	0.050 ug/L	-	-	<0.018 [15]	-	-	-
Endosulfan sulfate [2C]	0.050 ug/L	-	-	<0.013 [15]	-	-	-
Chlordane (tech)	0.50 ug/L	-	-	<0.031 [15]	-	-	-
Toxaphene	1.0 ug/L	-	-	<0.090 [15]	-	-	-
Decachlorobiphenyl [2C]	159 [surr]	-	-	85.0%	-	-	-

Polychlorinated Biphenyls by GC (Water)

PCB-1016/1242	1.0 ug/L	-	-	<0.31 [15]	-	-	-
PCB-1221	1.0 ug/L	-	-	<0.31 [15]	-	-	-
PCB-1232	1.0 ug/L	-	-	<0.31 [15]	-	-	-
PCB-1248	1.0 ug/L	-	-	<0.31 [15]	-	-	-
PCB-1254	1.0 ug/L	-	-	<0.31 [15]	-	-	-
PCB-1260	1.0 ug/L	-	-	<0.18 [15]	-	-	-
2,4,5,6-TCMX	142 [surr]	-	-	125%	-	-	-
Decachlorobiphenyl	159 [surr]	-	-	108%	-	-	-

Chlorinated Herbicides by GC (Water)



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Chlorinated Herbicides by GC (continued)

2,4-D	0.50 ug/L	-	-	<0.13 [12] [15]	-	-	-
Pentachlorophenol	0.50 ug/L	-	-	<0.056 [15]	-	-	-
2,4,5-TP (Silvex)	0.50 ug/L	-	-	<0.087 [12] [15]	-	-	-
2,4,5-T	0.50 ug/L	-	-	<0.080 [12] [15]	-	-	-
Dinoseb	0.50 ug/L	-	-	<0.10 [13] [15]	-	-	-
2,4-DCAA	191 [surr]	-	-	88.7%	-	-	-

Organophosphorus Compounds by GC (Water)

Disulfoton	2 ug/L	-	-	<0.080 [15]	-	-	-
Tributyl Phosphate	139 [surr]	-	-	91.7%	-	-	-
Triphenyl phosphate	165 [surr]	-	-	108%	-	-	-

Semivolatile Organic Compounds by GC (Water)

1,2-Dibromoethane	0.020 ug/L	<0.006 [15]	<0.006 [15]	<0.006 [15]	-	-	-
1,2-Dibromo-3-chloropropane	0.020 ug/L	<0.003 [15]	<0.003 [15]	<0.003 [15]	-	-	-
1,3-Dichlorobenzene	150 [surr]	-	112%	107%	-	-	-
1,3-Dichlorobenzene [2C]	150 [surr]	109%	-	-	-	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5.00 ug/L	<0.820 [15]	<0.820 [15]	<0.820 [15]	-	-	-
Arsenic	10.0 ug/L	<1.10 [15]	<1.10 [15]	<1.10 [15]	-	-	-
Barium	100 ug/L	21.9 [1] [3] [4]	15.5 [1] [3] [4]	8.91 [1] [3] [4]	-	-	-
Beryllium	1.00 ug/L	<0.730 [15]	<0.730 [15]	<0.730 [15]	-	-	-
Cadmium	3.00 ug/L	<0.820 [15]	<0.820 [15]	<0.820 [15]	-	-	-
Chromium	10.0 ug/L	0.907 [1] [3] [4]	2.09 [1] [3] [4]	<0.690 [15]	-	-	-
Cobalt	10.0 ug/L	<0.500 [15]	<0.500 [15]	<0.500 [15]	-	-	-
Copper	10.0 ug/L	0.937 [3]	<0.500 [15]	<0.500 [15]	-	-	-
Iron	50.0 ug/L	3320 [1] [7]	73.0 [1] [4]	18.3 [1] [3] [4]	-	-	-
Lead	5.00 ug/L	0.951 [1] [3] [4]	1.84 [1] [3] [4]	0.641 [1] [3] [4]	-	-	-
Mercury	0.200 ug/L	<0.015 [15]	<0.015 [15]	<0.015 [15]	-	-	-
Nickel	10.0 ug/L	1.84 [3]	4.39 [3]	<0.500 [15]	-	-	-
Selenium	10.0 ug/L	<3.10 [15]	<3.10 [15]	<3.10 [15]	-	-	-
Silver	1.00 ug/L	<0.072 [15]	<0.072 [15]	<0.072 [15]	-	-	-
Sodium	1.00 mg/L	5.32 [1] [7]	7.70 [1] [7]	0.241 [1] [3] [4]	-	-	-
Thallium	1.00 ug/L	<0.200 [15]	<0.200 [15]	<0.200 [15]	-	-	-
Tin	50.0 ug/L	-	-	<5.30 [15]	-	-	-
Vanadium	10.0 ug/L	0.818 [1] [3] [4]	1.67 [1] [3] [4]	0.719 [1] [3] [4]	-	-	-
Zinc	50.0 ug/L	204	12.6 [3]	<6.60 [15]	-	-	-

Classical Chemistry Parameters (Water)

Total Alkalinity	10 mg/L	-	-	1.8 [3]	-	-	-
Ammonia as N	0.020 mg/L	0.017 [3]	0.022	0.025	-	-	-
Bicarbonate as CaCO3	10 mg/L	-	-	1.8 [3]	-	-	-
Chloride	5.0 mg/L	6.8	4.5 [3]	0.88 [3]	-	-	-
Cyanide (total)	0.010 mg/L	-	-	<0.0054 [15]	-	-	-
Nitrate as N	1.0 mg/L	<0.004 [15]	4.5	<0.004 [15]	-	-	-



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LAB #		A803714-07	A803714-08	A803714-09	A803714-10	A803714-11	A803714-12
MATRIX	Minimum	Ground Water	Ground Water	Waste Water	Ground Water	Ground Water	Ground Water
SAMPLE ID	Reporting Limit	MW- 10::08S2CC10	MW- 1R::08S2CC1R	AP2 EQB::08S2CCAP2 EQB	Trip Blank 2::08S2CCTB2	Trip Blank 3::08S2CCTB3	Trip Blank 4::08S2CCTB4

Classical Chemistry Parameters (continued)

Sulfide	1.0 mg/L	-	-	<0.45 [15]	-	-	-
Total Dissolved Solids	10 mg/L	46	78	<10 [15]	-	-	-

Field Parameters (Water)

Specific Conductance (EC)	0 umhos/cm	54	92	-	-	-	-
Dissolved Oxygen	0.00 mg/L	0.19	3.99	-	-	-	-
pH	pH Units	4.15	5.05	-	-	-	-
Oxidation/Reduction Potential	mV	96.7	103.5	-	-	-	-
Temperature	0.00 °C	24.51	26.44	-	-	-	-
Turbidity	0.00 NTU	4.88	0.31	-	-	-	-



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LAB #		A803714-13	A803714-13RE1	-	-	-	-
MATRIX	Minimum	Waste Water	Waste Water	-	-	-	-
SAMPLE ID	Reporting Limit	Composite::08S2 CCComposite	Composite::08S2 CCComposite	-	-	-	-

Semivolatile Organic Compounds by GCMS SIM (Water)

N-Nitrosodimethylamine	10 ug/L	<1.8 [5] [15]	-	-	-	-	-
N-Nitrosomethylethylamine	10 ug/L	<2.9 [15]	-	-	-	-	-
Methyl Methanesulfonate	10 ug/L	<2.3 [15]	-	-	-	-	-
N-Nitrosodiethylamine	10 ug/L	<2.9 [15]	-	-	-	-	-
Ethyl methanesulfonate	10 ug/L	<3.0 [15]	-	-	-	-	-
Phenol	10 ug/L	<2.6 [15]	-	-	-	-	-
Bis(2-chloroethyl)ether	10 ug/L	<2.9 [8] [15]	-	-	-	-	-
2-Chlorophenol	10 ug/L	<5.7 [15]	-	-	-	-	-
Benzyl alcohol	10 ug/L	<2.8 [15]	-	-	-	-	-
2-Methylphenol	10 ug/L	<2.4 [15]	-	-	-	-	-
Bis(2-chloroisopropyl)ether	10 ug/L	<3.0 [8] [15]	-	-	-	-	-
Acetophenone	10 ug/L	<3.3 [15]	-	-	-	-	-
3 & 4-Methylphenol	10 ug/L	<4.7 [15]	-	-	-	-	-
N-Nitroso-di-n-propylamine	10 ug/L	<3.4 [15]	-	-	-	-	-
N-Nitrosopyrrolidine	10 ug/L	<2.9 [15]	-	-	-	-	-
Hexachloroethane	10 ug/L	<2.1 [15]	-	-	-	-	-
o-Toluidine	10 ug/L	21	-	-	-	-	-
Nitrobenzene	10 ug/L	<2.7 [8] [15]	-	-	-	-	-
N-Nitrosopiperidine	10 ug/L	<2.9 [15]	-	-	-	-	-
Isophorone	10 ug/L	<2.9 [8] [15]	-	-	-	-	-
2-Nitrophenol	10 ug/L	<6.1 [15]	-	-	-	-	-
2,4-Dimethylphenol	10 ug/L	<5.2 [15]	-	-	-	-	-
Bis(2-chloroethoxy)methane	10 ug/L	<2.8 [14] [15]	-	-	-	-	-
O,O,O-Triethyl phosphorothioate	10 ug/L	<2.7 [15]	-	-	-	-	-
2,4-Dichlorophenol	10 ug/L	<5.8 [15]	-	-	-	-	-
4-Chloroaniline	10 ug/L	<3.0 [15]	-	-	-	-	-
2,6-Dichlorophenol	10 ug/L	<3.0 [15]	-	-	-	-	-
Hexachloropropene	10 ug/L	<1.8 [15]	-	-	-	-	-
Hexachlorobutadiene [SIM]	0.1 ug/L	<0.025 [15]	-	-	-	-	-
N-Nitrosodi-n-butylamine	10 ug/L	<2.9 [15]	-	-	-	-	-
1,4-Phenylenediamine	10 ug/L	<7.3 [15]	-	-	-	-	-
4-Chloro-3-methylphenol	10 ug/L	<6.3 [15]	-	-	-	-	-
Safrole	10 ug/L	<2.7 [15]	-	-	-	-	-
2-Methylnaphthalene	10 ug/L	<2.5 [15]	-	-	-	-	-
Hexachlorocyclopentadiene	10 ug/L	<1.6 [15]	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	10 ug/L	<2.3 [15]	-	-	-	-	-
2,4,6-Trichlorophenol	10 ug/L	<6.1 [15]	-	-	-	-	-
2,4,5-Trichlorophenol	10 ug/L	<3.0 [15]	-	-	-	-	-
Isosafrole	10 ug/L	<3.1 [15]	-	-	-	-	-
2-Chloronaphthalene	10 ug/L	<2.8 [15]	-	-	-	-	-
2-Nitroaniline	10 ug/L	<3.7 [8] [15]	-	-	-	-	-
1,4-Naphthoquinone	10 ug/L	<3.2 [15]	-	-	-	-	-
Dimethylphthalate	10 ug/L	<3.7 [15]	-	-	-	-	-
1,3-Dinitrobenzene	10 ug/L	<3.1 [15]	-	-	-	-	-
2,6-Dinitrotoluene	10 ug/L	<2.8 [15]	-	-	-	-	-



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LAB #		A803714-13	A803714-13RE1	-	-	-	-
MATRIX	Minimum	Waste Water	Waste Water	-	-	-	-
SAMPLE ID	Reporting Limit	Composite::08S2 CCComposite	Composite::08S2 CCComposite	-	-	-	-

Semivolatile Organic Compounds by GCMS SIM (continued)

Acenaphthylene	10 ug/L	<3.0 [15]	-	-	-	-	-
3-Nitroaniline	10 ug/L	<3.3 [15]	-	-	-	-	-
Acenaphthene	10 ug/L	<3.0 [15]	-	-	-	-	-
2,4-Dinitrophenol	10 ug/L	<5.7 [15]	-	-	-	-	-
Pentachlorobenzene	10 ug/L	<2.5 [15]	-	-	-	-	-
4-Nitrophenol	10 ug/L	<2.6 [15]	-	-	-	-	-
Dibenzofuran	10 ug/L	<3.1 [15]	-	-	-	-	-
2,4-Dinitrotoluene [SIM]	0.1 ug/L	<0.012 [15]	-	-	-	-	-
2-Naphthylamine	10 ug/L	<3.6 [15]	-	-	-	-	-
1-Naphthylamine	10 ug/L	<3.5 [15]	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	10 ug/L	<3.0 [15]	-	-	-	-	-
Diethylphthalate	10 ug/L	<2.7 [15]	-	-	-	-	-
4-Chlorophenyl-phenylether	10 ug/L	<2.8 [15]	-	-	-	-	-
Fluorene	10 ug/L	<2.9 [15]	-	-	-	-	-
Thionazin	10 ug/L	<2.8 [15]	-	-	-	-	-
5-Nitro-o-toluidine	10 ug/L	<2.8 [15]	-	-	-	-	-
4-Nitroaniline	10 ug/L	<3.3 [15]	-	-	-	-	-
2-Methyl-4,6-dinitrophenol	10 ug/L	<7.2 [15]	-	-	-	-	-
N-nitrosodiphenylamine/Diphenylamin	10 ug/L	<3.5 [15]	-	-	-	-	-
Diallate [SIM]	0.1 ug/L	<0.021 [15]	-	-	-	-	-
Phorate [SIM]	0.1 ug/L	<0.029 [15]	-	-	-	-	-
4-Bromophenyl-phenylether	10 ug/L	<2.8 [15]	-	-	-	-	-
Phenacetin	10 ug/L	<3.2 [15]	-	-	-	-	-
1,3,5-Trinitrobenzene	10 ug/L	<4.0 [15]	-	-	-	-	-
Hexachlorobenzene [SIM]	0.1 ug/L	<0.027 [15]	-	-	-	-	-
Dimethoate [SIM]	0.1 ug/L	<0.019 [15]	-	-	-	-	-
4-Aminobiphenyl	10 ug/L	<3.2 [15]	-	-	-	-	-
Pronamide	10 ug/L	<2.7 [15]	-	-	-	-	-
Pentachloronitrobenzene [SIM]	0.1 ug/L	<0.019 [15]	-	-	-	-	-
Phenanthrene	10 ug/L	<2.9 [15]	-	-	-	-	-
Anthracene [SIM]	0.1 ug/L	<0.021 [15]	-	-	-	-	-
Methyl Parathion [SIM]	0.1 ug/L	<0.014 [15]	-	-	-	-	-
Di-n-butylphthalate	10 ug/L	<3.0 [15]	-	-	-	-	-
Parathion [SIM]	0.1 ug/L	<0.017 [15]	-	-	-	-	-
Methapyrilene	10 ug/L	<9.3 [14] [15]	-	-	-	-	-
Isodrin	10 ug/L	<2.7 [15]	-	-	-	-	-
Fluoranthene [SIM]	0.1 ug/L	<0.024 [15]	-	-	-	-	-
Pyrene [SIM]	0.1 ug/L	<0.024 [15]	-	-	-	-	-
Butylbenzylphthalate	10 ug/L	<3.6 [14] [15]	-	-	-	-	-
p-Dimethylaminoazobenzene	10 ug/L	<2.9 [15]	-	-	-	-	-
Chlorobenzilate [SIM]	0.1 ug/L	<0.015 [15]	-	-	-	-	-
Famphur	10 ug/L	<2.8 [15]	-	-	-	-	-
3,3'-Dimethylbenzidine	10 ug/L	<2.2 [14] [15]	-	-	-	-	-
Kepone [SIM]	5 ug/L	<3.5 [15]	-	-	-	-	-



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LAB #		A803714-13	A803714-13RE1	-	-	-	-
MATRIX	Minimum	Waste Water	Waste Water	-	-	-	-
SAMPLE ID	Reporting Limit	Composite::08S2 CCComposite	Composite::08S2 CCComposite	-	-	-	-

Semivolatile Organic Compounds by GCMS SIM (continued)

2-Acetylaminofluorene	10 ug/L	<3.2 [15]	-	-	-	-	-
3,3'-Dichlorobenzidine	10 ug/L	<3.2 [15]	-	-	-	-	-
Benzo(a)anthracene [SIM]	0.1 ug/L	<0.025 [15]	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	10 ug/L	<3.4 [15]	-	-	-	-	-
Chrysene [SIM]	0.1 ug/L	<0.024 [15]	-	-	-	-	-
Di-n-octylphthalate	10 ug/L	<3.6 [15]	-	-	-	-	-
7,12-Dimethylbenz(a)anthracene	10 ug/L	<2.3 [15]	-	-	-	-	-
Benzo(b)fluoranthene [SIM]	0.1 ug/L	<0.021 [15]	-	-	-	-	-
Benzo(k)fluoranthene [SIM]	0.1 ug/L	<0.020 [15]	-	-	-	-	-
Benzo(a)pyrene [SIM]	0.1 ug/L	<0.019 [15]	-	-	-	-	-
3-Methylcholanthrene	10 ug/L	<2.7 [15]	-	-	-	-	-
Indeno(1,2,3-cd)pyrene [SIM]	0.1 ug/L	<0.062 [15]	-	-	-	-	-
Dibenzo(a,h)anthracene [SIM]	0.1 ug/L	<0.078 [15]	-	-	-	-	-
Benzo(g,h,i)perylene [SIM]	0.1 ug/L	<0.071 [15]	-	-	-	-	-
2-Fluorophenol	79 [surr]	44.8%	-	-	-	-	-
Phenol-d5	54 [surr]	33.6%	-	-	-	-	-
Nitrobenzene-d5	112 [surr]	74.0%	-	-	-	-	-
2-Fluorobiphenyl	102 [surr]	65.2%	-	-	-	-	-
2,4,6-Tribromophenol	128 [surr]	79.3%	-	-	-	-	-
Terphenyl-d14	122 [surr]	66.6%	-	-	-	-	-

Organochlorine Pesticides by GC (Water)

alpha-BHC	0.050 ug/L	-	<0.020 [2] [15]	-	-	-	-
gamma-BHC	0.050 ug/L	-	<0.030 [2] [15]	-	-	-	-
beta-BHC	0.050 ug/L	-	<0.038 [2] [15]	-	-	-	-
delta-BHC	0.050 ug/L	-	<0.028 [2] [15]	-	-	-	-
Heptachlor [2C]	0.050 ug/L	-	<0.032 [2] [15]	-	-	-	-
Aldrin	0.050 ug/L	-	<0.040 [2] [15]	-	-	-	-
Heptachlor epoxide	0.050 ug/L	-	<0.028 [2] [15]	-	-	-	-
Chlordane-gamma	0.050 ug/L	-	<0.040 [2] [15]	-	-	-	-
Chlordane-alpha	0.050 ug/L	-	<0.028 [2] [15]	-	-	-	-
4,4'-DDE	0.050 ug/L	-	<0.034 [2] [15]	-	-	-	-
Endosulfan I	0.050 ug/L	-	<0.042 [2] [15]	-	-	-	-
Dieldrin	0.050 ug/L	-	<0.032 [2] [15]	-	-	-	-
Endrin	0.050 ug/L	-	<0.032 [2] [15]	-	-	-	-
4,4'-DDD	0.050 ug/L	-	<0.028 [2] [15]	-	-	-	-
Endosulfan II	0.050 ug/L	-	<0.024 [2] [15]	-	-	-	-
4,4'-DDT	0.050 ug/L	-	<0.026 [2] [15]	-	-	-	-
Endrin aldehyde	0.050 ug/L	-	<0.022 [2] [15]	-	-	-	-
Methoxychlor	0.050 ug/L	-	<0.036 [2] [15]	-	-	-	-
Endosulfan sulfate	0.050 ug/L	-	<0.026 [2] [15]	-	-	-	-
Chlordane (tech)	0.50 ug/L	-	<0.062 [2] [15]	-	-	-	-
Toxaphene	1.0 ug/L	-	<0.18 [2] [15]	-	-	-	-
2,4,5,6-TCMX	142 [surr]	-	46.0%	-	-	-	-
Decachlorobiphenyl	159 [surr]	-	53.0%	-	-	-	-



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LAB #		A803714-13	A803714-13RE1	-	-	-	-
MATRIX	Minimum	Waste Water	Waste Water	-	-	-	-
SAMPLE ID	Reporting Limit	Composite::08S2 CCComposite	Composite::08S2 CCComposite	-	-	-	-

Polychlorinated Biphenyls by GC (Water)

PCB-1016/1242	1.0 ug/L	<0.31 [15]	-	-	-	-	-
PCB-1221	1.0 ug/L	<0.31 [15]	-	-	-	-	-
PCB-1232	1.0 ug/L	<0.31 [15]	-	-	-	-	-
PCB-1248	1.0 ug/L	<0.31 [15]	-	-	-	-	-
PCB-1254	1.0 ug/L	<0.31 [15]	-	-	-	-	-
PCB-1260	1.0 ug/L	<0.18 [15]	-	-	-	-	-
2,4,5,6-TCMX	142 [surr]	96.3%	-	-	-	-	-
Decachlorobiphenyl	159 [surr]	84.2%	-	-	-	-	-

Chlorinated Herbicides by GC (Water)

2,4-D	0.50 ug/L	<0.26 [2] [12]	-	-	-	-	-
Pentachlorophenol	0.50 ug/L	<0.11 [2] [15]	-	-	-	-	-
2,4,5-TP (Silvex)	0.50 ug/L	<0.17 [2] [12]	-	-	-	-	-
2,4,5-T	0.50 ug/L	<0.16 [2] [12]	-	-	-	-	-
Dinoseb	0.50 ug/L	<0.20 [2] [13]	-	-	-	-	-
2,4-DCAA	191 [surr]	108%	-	-	-	-	-

Organophosphorus Compounds by GC (Water)

Disulfoton	2 ug/L	<0.072 [15]	-	-	-	-	-
Tributyl Phosphate	139 [surr]	73.8%	-	-	-	-	-
Triphenyl phosphate	165 [surr]	64.6%	-	-	-	-	-

Metals by EPA 6000/7000 Series Methods (Water)

Antimony	5.00 ug/L	0.842 [3]	-	-	-	-	-
Arsenic	10.0 ug/L	22.2	-	-	-	-	-
Barium	100 ug/L	51.2 [1] [3] [4]	-	-	-	-	-
Beryllium	1.00 ug/L	<0.730 [15]	-	-	-	-	-
Cadmium	3.00 ug/L	1.83 [3]	-	-	-	-	-
Chromium	10.0 ug/L	5.01 [1] [3] [4]	-	-	-	-	-
Cobalt	10.0 ug/L	4.62 [3]	-	-	-	-	-
Copper	10.0 ug/L	1.79 [3]	-	-	-	-	-
Iron	50.0 ug/L	- 41100 [1] [2] [7]	-	-	-	-	-
Lead	5.00 ug/L	1.28 [1] [3] [4]	-	-	-	-	-
Mercury	0.200 ug/L	<0.015 [15]	-	-	-	-	-
Nickel	10.0 ug/L	21.5	-	-	-	-	-
Selenium	10.0 ug/L	<3.10 [15]	-	-	-	-	-
Silver	1.00 ug/L	0.127 [3]	-	-	-	-	-
Sodium	1.00 mg/L	- 252 [1] [2] [7]	-	-	-	-	-
Thallium	1.00 ug/L	0.555 [3]	-	-	-	-	-
Tin	50.0 ug/L	<5.30 [15]	-	-	-	-	-
Vanadium	10.0 ug/L	2.95 [1] [3] [4]	-	-	-	-	-
Zinc	50.0 ug/L	14.9 [3]	-	-	-	-	-

Classical Chemistry Parameters (Water)

Total Alkalinity	10 mg/L	970 [2]	-	-	-	-	-
Ammonia as N	0.020 mg/L	120 [2]	-	-	-	-	-
Bicarbonate as CaCO3	50 mg/L	970 [2]	-	-	-	-	-



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LAB #		A803714-13	A803714-13RE1	-	-	-	-
MATRIX	Minimum	Waste Water	Waste Water	-	-	-	-
SAMPLE ID	Reporting Limit	Composite::08S2 CCComposite	Composite::08S2 CCComposite	-	-	-	-

Classical Chemistry Parameters (continued)

Chloride	5.0 mg/L	-	380 [2]	-	-	-	-
Cyanide (total)	0.010 mg/L	<0.0054 [15]	-	-	-	-	-
Nitrate as N	1.0 mg/L	1.4	-	-	-	-	-
Sulfide	1.0 mg/L	<0.45 [15]	-	-	-	-	-
Total Dissolved Solids	10 mg/L	1300	-	-	-	-	-



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G29005 - EPA 5030B_MS

Blank (8G29005-BLK1)

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 12:03

Dichlorodifluoromethane	0.33 U	1.0	ug/L							U
Chloromethane	0.27 U	1.0	ug/L							U
Chloromethane	0.27 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Bromomethane	0.40 U	1.0	ug/L							U
Bromomethane	0.40 U	1.0	ug/L							U
Chloroethane	0.93 U	1.0	ug/L							U
Chloroethane	0.93 U	1.0	ug/L							U
Trichlorofluoromethane	0.26 U	1.0	ug/L							U
Trichlorofluoromethane	0.26 U	1.0	ug/L							U
Acrolein	10 U	10	ug/L							U
Acetone	1.5 U	5.0	ug/L							U
Acetone	1.5 U	5.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U
3-Chloropropene	0.43 U	1.0	ug/L							U
Acetonitrile	10 U	10	ug/L							U
Iodomethane	0.33 U	3.0	ug/L							U
Iodomethane	0.33 U	3.0	ug/L							U
Carbon disulfide	0.22 U	5.0	ug/L							U
Carbon disulfide	0.22 U	5.0	ug/L							U
Methylene chloride	0.27 U	1.0	ug/L							U
Methylene chloride	0.27 U	1.0	ug/L							U
Acrylonitrile	3.8 U	5.0	ug/L							U
Acrylonitrile	3.8 U	5.0	ug/L							U
trans-1,2-Dichloroethene	0.43 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.43 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.22 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.22 U	1.0	ug/L							U
1,1-Dichloroethane	0.21 U	1.0	ug/L							U
1,1-Dichloroethane	0.21 U	1.0	ug/L							U
Vinyl acetate	0.26 U	1.0	ug/L							U
Vinyl acetate	0.26 U	1.0	ug/L							U
Chloroprene	0.20 U	1.0	ug/L							U
2-Butanone	1.3 U	5.0	ug/L							U
2-Butanone	1.3 U	5.0	ug/L							U
Propionitrile	5.2 U	10	ug/L							U
2,2-Dichloropropane	0.32 U	1.0	ug/L							U
Methacrylonitrile	3.5 U	10	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Bromochloromethane	0.43 U	1.0	ug/L							U
Bromochloromethane	0.43 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.22 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.22 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G29005 - EPA 5030B_MS

Blank (8G29005-BLK1) Continued

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 12:03

1,1-Dichloropropene	0.27 U	1.0	ug/L							U
Carbon tetrachloride	0.27 U	1.0	ug/L							U
Carbon tetrachloride	0.27 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Isobutyl alcohol	20 U	20	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
1,2-Dichloropropane	0.40 U	1.0	ug/L							U
1,2-Dichloropropane	0.40 U	1.0	ug/L							U
Methyl Methacrylate	0.45 U	1.0	ug/L							U
Bromodichloromethane	0.25 U	1.0	ug/L							U
Bromodichloromethane	0.25 U	1.0	ug/L							U
Dibromomethane	0.30 U	1.0	ug/L							U
Dibromomethane	0.30 U	1.0	ug/L							U
4-Methyl-2-pentanone	0.67 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.67 U	5.0	ug/L							U
2-Hexanone	0.50 U	5.0	ug/L							U
2-Hexanone	0.50 U	5.0	ug/L							U
cis-1,3-Dichloropropene	0.27 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.27 U	1.0	ug/L							U
Toluene	0.26 U	1.0	ug/L							U
Toluene	0.26 U	1.0	ug/L							U
Ethyl Methacrylate	0.38 U	2.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.20 U	1.0	ug/L							U
1,3-Dichloropropane	0.25 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Dibromochloromethane	0.25 U	1.0	ug/L							U
Dibromochloromethane	0.25 U	1.0	ug/L							U
1,2-Dibromoethane	0.40 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.31 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.31 U	1.0	ug/L							U
Ethylbenzene	0.25 U	1.0	ug/L							U
Ethylbenzene	0.25 U	1.0	ug/L							U
m,p-Xylenes	0.71 U	1.0	ug/L							U
m,p-Xylenes	0.71 U	1.0	ug/L							U
o-Xylene	0.22 U	1.0	ug/L							U
o-Xylene	0.22 U	1.0	ug/L							U
Bromoform	0.20 U	1.0	ug/L							U
Bromoform	0.20 U	1.0	ug/L							U
Styrene	0.20 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G29005 - EPA 5030B_MS

Blank (8G29005-BLK1) Continued

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 12:03

Styrene	0.20 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.39 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.39 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.39 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.39 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.69 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.69 U	1.0	ug/L							U
1,2,4-Trichlorobenzene	0.40 U	1.0	ug/L							U
1,3-Dichlorobenzene	0.36 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.27 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.27 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.29 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.29 U	1.0	ug/L							U
1,2-Dibromo-3-chloropropane	0.50 U	1.0	ug/L							U
Naphthalene	0.27 U	1.0	ug/L							U
Hexachlorobutadiene	0.30 U	1.0	ug/L							U
Xylenes (Total)	0.71 U	1.0	ug/L							U
Xylenes (Total)	0.71 U	1.0	ug/L							U

Surrogate: Dibromofluoromethane	59		ug/L	50.0		119	40-141
Surrogate: Dibromofluoromethane	59		ug/L	50.0		119	40-141
Surrogate: Toluene-d8	51		ug/L	50.0		101	64-134
Surrogate: Toluene-d8	51		ug/L	50.0		101	64-134
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	52-147
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	52-147

LCS (8G29005-BS1)

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 11:32

1,1-Dichloroethene	24	1.0	ug/L	20.0		118	57-142
1,1-Dichloroethene	24	1.0	ug/L	20.0		118	57-142
Benzene	19	1.0	ug/L	20.0		97	55-131
Benzene	19	1.0	ug/L	20.0		97	55-131
Trichloroethene	19	1.0	ug/L	20.0		97	52-135
Trichloroethene	19	1.0	ug/L	20.0		97	52-135
Toluene	23	1.0	ug/L	20.0		115	58-148
Toluene	23	1.0	ug/L	20.0		115	58-148
Chlorobenzene	22	1.0	ug/L	20.0		110	57-140
Chlorobenzene	22	1.0	ug/L	20.0		110	57-140

Surrogate: Dibromofluoromethane	58		ug/L	50.0		117	40-141
Surrogate: Dibromofluoromethane	58		ug/L	50.0		117	40-141
Surrogate: Toluene-d8	43		ug/L	50.0		87	64-134
Surrogate: Toluene-d8	43		ug/L	50.0		87	64-134
Surrogate: 4-Bromofluorobenzene	46		ug/L	50.0		93	52-147
Surrogate: 4-Bromofluorobenzene	46		ug/L	50.0		93	52-147

Matrix Spike (8G29005-MS1)

Source: A803901-01

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 12:33

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.50 U	113	57-142
1,1-Dichloroethene	23	1.0	ug/L	20.0	0.50 U	113	57-142
Benzene	24	1.0	ug/L	20.0	0.30 U	118	55-131
Benzene	24	1.0	ug/L	20.0	0.30 U	118	55-131
Trichloroethene	23	1.0	ug/L	20.0	0.26 U	115	52-135



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G29005 - EPA 5030B_MS

Matrix Spike (8G29005-MS1) Continued

Source: A803901-01

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 12:33

Trichloroethene	23	1.0	ug/L	20.0	0.26 U	115	52-135			
Toluene	24	1.0	ug/L	20.0	0.26 U	122	58-148			
Toluene	24	1.0	ug/L	20.0	0.26 U	122	58-148			
Chlorobenzene	25	1.0	ug/L	20.0	0.28 U	124	57-140			
Chlorobenzene	25	1.0	ug/L	20.0	0.28 U	124	57-140			
Surrogate: Dibromofluoromethane	57		ug/L	50.0		113	40-141			
Surrogate: Dibromofluoromethane	57		ug/L	50.0		113	40-141			
Surrogate: Toluene-d8	50		ug/L	50.0		101	64-134			
Surrogate: Toluene-d8	50		ug/L	50.0		101	64-134			
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	52-147			
Surrogate: 4-Bromofluorobenzene	50		ug/L	50.0		99	52-147			

Matrix Spike Dup (8G29005-MSD1)

Source: A803901-01

Prepared: 07/29/2008 09:37 Analyzed: 07/29/2008 13:03

1,1-Dichloroethene	23	1.0	ug/L	20.0	0.50 U	115	57-142	2	16	
1,1-Dichloroethene	23	1.0	ug/L	20.0	0.50 U	115	57-142	2	16	
Benzene	24	1.0	ug/L	20.0	0.30 U	120	55-131	2	12	
Benzene	24	1.0	ug/L	20.0	0.30 U	120	55-131	2	12	
Trichloroethene	24	1.0	ug/L	20.0	0.26 U	120	52-135	5	40	
Trichloroethene	24	1.0	ug/L	20.0	0.26 U	120	52-135	5	40	
Toluene	24	1.0	ug/L	20.0	0.26 U	121	58-148	0.6	21	
Toluene	24	1.0	ug/L	20.0	0.26 U	121	58-148	0.6	21	
Chlorobenzene	24	1.0	ug/L	20.0	0.28 U	121	57-140	3	20	
Chlorobenzene	24	1.0	ug/L	20.0	0.28 U	121	57-140	3	20	
Surrogate: Dibromofluoromethane	58		ug/L	50.0		116	40-141			
Surrogate: Dibromofluoromethane	58		ug/L	50.0		116	40-141			
Surrogate: Toluene-d8	52		ug/L	50.0		103	64-134			
Surrogate: Toluene-d8	52		ug/L	50.0		103	64-134			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	52-147			
Surrogate: 4-Bromofluorobenzene	49		ug/L	50.0		98	52-147			

Batch 8G31018 - EPA 5030B_MS

Blank (8G31018-BLK1)

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 14:56

Dichlorodifluoromethane	0.33 U	1.0	ug/L							U
Chloromethane	0.27 U	1.0	ug/L							U
Chloromethane	0.27 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Vinyl chloride	0.22 U	1.0	ug/L							U
Bromomethane	0.40 U	1.0	ug/L							U
Bromomethane	0.40 U	1.0	ug/L							U
Chloroethane	0.93 U	1.0	ug/L							U
Chloroethane	0.93 U	1.0	ug/L							U
Trichlorofluoromethane	0.26 U	1.0	ug/L							U
Trichlorofluoromethane	0.26 U	1.0	ug/L							U
Acrolein	10 U	10	ug/L							U
Acetone	1.5 U	5.0	ug/L							U
Acetone	1.5 U	5.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G31018 - EPA 5030B_MS

Blank (8G31018-BLK1) Continued

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 14:56

3-Chloropropene	0.43 U	1.0	ug/L							QV-03,
Acetonitrile	10 U	10	ug/L							U
Iodomethane	0.33 U	3.0	ug/L							QV-03,
Iodomethane	0.33 U	3.0	ug/L							QV-03,
Carbon disulfide	0.22 U	5.0	ug/L							QV-03,
Carbon disulfide	0.22 U	5.0	ug/L							QV-03,
Methylene chloride	0.27 U	1.0	ug/L							U
Methylene Chloride	0.27 U	1.0	ug/L							U
Methylene chloride	0.27 U	1.0	ug/L							U
Acrylonitrile	3.8 U	5.0	ug/L							U
Acrylonitrile	3.8 U	5.0	ug/L							U
trans-1,2-Dichloroethene	0.43 U	1.0	ug/L							U
trans-1,2-Dichloroethene	0.43 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.22 U	1.0	ug/L							U
cis-1,2-Dichloroethene	0.22 U	1.0	ug/L							U
1,1-Dichloroethane	0.21 U	1.0	ug/L							U
1,1-Dichloroethane	0.21 U	1.0	ug/L							U
Vinyl acetate	0.26 U	1.0	ug/L							U
Vinyl acetate	0.26 U	1.0	ug/L							U
Chloroprene	0.20 U	1.0	ug/L							QV-03,
2-Butanone	1.3 U	5.0	ug/L							U
2-Butanone	1.3 U	5.0	ug/L							U
Propionitrile	5.2 U	10	ug/L							U
2,2-Dichloropropane	0.32 U	1.0	ug/L							U
Methacrylonitrile	3.5 U	10	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Bromochloromethane	0.43 U	1.0	ug/L							U
Bromochloromethane	0.43 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.22 U	1.0	ug/L							U
1,1,1-Trichloroethane	0.22 U	1.0	ug/L							U
1,1-Dichloropropene	0.27 U	1.0	ug/L							U
Carbon tetrachloride	0.27 U	1.0	ug/L							U
Carbon tetrachloride	0.27 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Isobutyl alcohol	20 U	20	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
1,2-Dichloropropane	0.40 U	1.0	ug/L							U
1,2-Dichloropropane	0.40 U	1.0	ug/L							U
Methyl Methacrylate	0.45 U	1.0	ug/L							U
Bromodichloromethane	0.25 U	1.0	ug/L							U
Bromodichloromethane	0.25 U	1.0	ug/L							U
Dibromomethane	0.30 U	1.0	ug/L							U
Dibromomethane	0.30 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G31018 - EPA 5030B_MS

Blank (8G31018-BLK1) Continued

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 14:56

4-Methyl-2-pentanone	0.67 U	5.0	ug/L							U
4-Methyl-2-pentanone	0.67 U	5.0	ug/L							U
2-Hexanone	0.50 U	5.0	ug/L							U
2-Hexanone	0.50 U	5.0	ug/L							U
cis-1,3-Dichloropropene	0.27 U	1.0	ug/L							U
cis-1,3-Dichloropropene	0.27 U	1.0	ug/L							U
Toluene	0.26 U	1.0	ug/L							U
Toluene	0.26 U	1.0	ug/L							U
Ethyl Methacrylate	0.38 U	2.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
trans-1,3-Dichloropropene	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.20 U	1.0	ug/L							U
1,1,2-Trichloroethane	0.20 U	1.0	ug/L							U
1,3-Dichloropropane	0.25 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Dibromochloromethane	0.25 U	1.0	ug/L							U
Dibromochloromethane	0.25 U	1.0	ug/L							U
1,2-Dibromoethane	0.40 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.31 U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	0.31 U	1.0	ug/L							U
Ethylbenzene	0.25 U	1.0	ug/L							U
Ethylbenzene	0.25 U	1.0	ug/L							U
m,p-Xylenes	0.71 U	1.0	ug/L							U
m,p-Xylenes	0.71 U	1.0	ug/L							U
o-Xylene	0.22 U	1.0	ug/L							U
o-Xylene	0.22 U	1.0	ug/L							U
Bromoform	0.20 U	1.0	ug/L							U
Bromoform	0.20 U	1.0	ug/L							U
Styrene	0.20 U	1.0	ug/L							U
Styrene	0.20 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.39 U	1.0	ug/L							U
1,2,3-Trichloropropane	0.39 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.39 U	1.0	ug/L							U
1,1,2,2-Tetrachloroethane	0.39 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.69 U	1.0	ug/L							U
trans-1,4-Dichloro-2-butene	0.69 U	1.0	ug/L							U
1,2,4-Trichlorobenzene	0.40 U	1.0	ug/L							U
1,3-Dichlorobenzene	0.36 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.27 U	1.0	ug/L							U
1,4-Dichlorobenzene	0.27 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.29 U	1.0	ug/L							U
1,2-Dichlorobenzene	0.29 U	1.0	ug/L							U
1,2-Dibromo-3-chloropropane	0.50 U	1.0	ug/L							U
Naphthalene	0.27 U	1.0	ug/L							U
Hexachlorobutadiene	0.30 U	1.0	ug/L							U
Xylenes (Total)	0.71 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G31018 - EPA 5030B MS

Blank (8G31018-BLK1) Continued

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 14:56

Xylenes (Total)	0.71 U	1.0	ug/L							U
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Toluene-d8	41		ug/L	50.0		81	64-134			
Surrogate: Toluene-d8	41		ug/L	50.0		81	64-134			
Surrogate: Toluene-d8	41		ug/L	50.0		81	64-134			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		85	52-147			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		85	52-147			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		85	52-147			

LCS (8G31018-BS1)

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 14:26

1,1-Dichloroethene	19	1.0	ug/L	20.0		95	57-142			
1,1-Dichloroethene	19	1.0	ug/L	20.0		95	57-142			
1,1-Dichloroethene	19	1.0	ug/L	20.0		95	57-142			
Benzene	21	1.0	ug/L	20.0		104	55-131			
Benzene	21	1.0	ug/L	20.0		104	55-131			
Benzene	21	1.0	ug/L	20.0		104	55-131			
Trichloroethene	20	1.0	ug/L	20.0		102	52-135			
Trichloroethene	20	1.0	ug/L	20.0		102	52-135			
Trichloroethene	20	1.0	ug/L	20.0		102	52-135			
Toluene	21	1.0	ug/L	20.0		106	58-148			
Toluene	21	1.0	ug/L	20.0		106	58-148			
Toluene	21	1.0	ug/L	20.0		106	58-148			
Chlorobenzene	22	1.0	ug/L	20.0		112	57-140			
Chlorobenzene	22	1.0	ug/L	20.0		112	57-140			
Chlorobenzene	22	1.0	ug/L	20.0		112	57-140			
Freon 22	1.0 U	1.0	ug/L				0-200			U
Surrogate: Dibromofluoromethane	42		ug/L	50.0		83	40-141			
Surrogate: Dibromofluoromethane	42		ug/L	50.0		83	40-141			
Surrogate: Dibromofluoromethane	42		ug/L	50.0		83	40-141			
Surrogate: Toluene-d8	42		ug/L	50.0		84	64-134			
Surrogate: Toluene-d8	42		ug/L	50.0		84	64-134			
Surrogate: Toluene-d8	42		ug/L	50.0		84	64-134			
Surrogate: 4-Bromofluorobenzene	45		ug/L	50.0		90	52-147			
Surrogate: 4-Bromofluorobenzene	45		ug/L	50.0		90	52-147			
Surrogate: 4-Bromofluorobenzene	45		ug/L	50.0		90	52-147			

Matrix Spike (8G31018-MS1)

Source: A803729-01

Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 15:27

1,1-Dichloroethene	17	1.0	ug/L	20.0	0.50 U	85	57-142			
1,1-Dichloroethene	17	1.0	ug/L	20.0	0.50 U	85	57-142			
1,1-Dichloroethene	17	1.0	ug/L	20.0	0.50 U	85	57-142			
Benzene	20	1.0	ug/L	20.0	0.30 U	98	55-131			
Benzene	20	1.0	ug/L	20.0	0.30 U	98	55-131			
Benzene	20	1.0	ug/L	20.0	0.30 U	98	55-131			
Trichloroethene	19	1.0	ug/L	20.0	0.26 U	97	52-135			
Trichloroethene	19	1.0	ug/L	20.0	0.26 U	97	52-135			
Trichloroethene	19	1.0	ug/L	20.0	0.26 U	97	52-135			
Toluene	19	1.0	ug/L	20.0	0.26 U	97	58-148			



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Volatile Organic Compounds by GCMS - Quality Control

Batch 8G31018 - EPA 5030B_MS

Matrix Spike (8G31018-MS1) Continued Source: A803729-01 Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 15:27

Toluene	19	1.0	ug/L	20.0	0.26 U	97	58-148			
Toluene	19	1.0	ug/L	20.0	0.26 U	97	58-148			
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	107	57-140			
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	107	57-140			
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	107	57-140			
Freon 22	1.0 U	1.0	ug/L		1.0 U		0-200			U
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		81	40-141			
Surrogate: Toluene-d8	41		ug/L	50.0		82	64-134			
Surrogate: Toluene-d8	41		ug/L	50.0		82	64-134			
Surrogate: Toluene-d8	41		ug/L	50.0		82	64-134			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		87	52-147			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		87	52-147			
Surrogate: 4-Bromofluorobenzene	43		ug/L	50.0		87	52-147			

Matrix Spike Dup (8G31018-MSD1) Source: A803729-01 Prepared: 07/31/2008 13:14 Analyzed: 07/31/2008 15:58

1,1-Dichloroethene	18	1.0	ug/L	20.0	0.50 U	89	57-142	5	16	
1,1-Dichloroethene	18	1.0	ug/L	20.0	0.50 U	89	57-142	5	16	
1,1-Dichloroethene	18	1.0	ug/L	20.0	0.50 U	89	57-142	5	16	
Benzene	20	1.0	ug/L	20.0	0.30 U	102	55-131	4	12	
Benzene	20	1.0	ug/L	20.0	0.30 U	102	55-131	4	12	
Benzene	20	1.0	ug/L	20.0	0.30 U	102	55-131	4	12	
Trichloroethene	21	1.0	ug/L	20.0	0.26 U	103	52-135	6	40	
Trichloroethene	21	1.0	ug/L	20.0	0.26 U	103	52-135	6	40	
Trichloroethene	21	1.0	ug/L	20.0	0.26 U	103	52-135	6	40	
Toluene	20	1.0	ug/L	20.0	0.26 U	100	58-148	2	21	
Toluene	20	1.0	ug/L	20.0	0.26 U	100	58-148	2	21	
Toluene	20	1.0	ug/L	20.0	0.26 U	100	58-148	2	21	
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	106	57-140	0.7	20	
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	106	57-140	0.7	20	
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	106	57-140	0.7	20	
Freon 22	1.0 U	1.0	ug/L		1.0 U		0-200		200	U
Surrogate: Dibromofluoromethane	41		ug/L	50.0		82	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		82	40-141			
Surrogate: Dibromofluoromethane	41		ug/L	50.0		82	40-141			
Surrogate: Toluene-d8	42		ug/L	50.0		83	64-134			
Surrogate: Toluene-d8	42		ug/L	50.0		83	64-134			
Surrogate: Toluene-d8	42		ug/L	50.0		83	64-134			
Surrogate: 4-Bromofluorobenzene	44		ug/L	50.0		89	52-147			
Surrogate: 4-Bromofluorobenzene	44		ug/L	50.0		89	52-147			
Surrogate: 4-Bromofluorobenzene	44		ug/L	50.0		89	52-147			

TCLP Volatile Organics by GCMS - Quality Control

Batch 8G30017 - EPA 5030B_MS

Blank (8G30017-BLK1) Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 13:54

Vinyl chloride	0.22 U	1.0	ug/L							U
1,1-Dichloroethene	0.50 U	1.0	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
TCLP Volatile Organics by GCMS - Quality Control										
<i>Batch 8G30017 - EPA 5030B_MS</i>										
Blank (8G30017-BLK1) Continued				Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 13:54						
2-Butanone	1.3 U	5.0	ug/L							U
Chloroform	0.27 U	1.0	ug/L							U
Carbon Tetrachloride	0.27 U	1.0	ug/L							U
1,2-Dichloroethane	0.26 U	1.0	ug/L							U
Benzene	0.30 U	1.0	ug/L							U
Trichloroethene	0.26 U	1.0	ug/L							U
Tetrachloroethene	0.20 U	1.0	ug/L							U
Chlorobenzene	0.28 U	1.0	ug/L							U
Surrogate: Dibromofluoromethane	38		ug/L	50.0		76	40-141			
Surrogate: Toluene-d8	39		ug/L	50.0		78	64-134			
Surrogate: 4-Bromofluorobenzene	41		ug/L	50.0		82	52-147			
Blank (8G30017-BLK2)				Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 21:28						
Vinyl chloride	22 U	100	ug/L							U, D
1,1-Dichloroethene	50 U	100	ug/L							U, D
2-Butanone	130 U	500	ug/L							U, D
Chloroform	27 U	100	ug/L							U, D
Carbon Tetrachloride	27 U	100	ug/L							U, D
1,2-Dichloroethane	26 U	100	ug/L							U, D
Benzene	30 U	100	ug/L							U, D
Trichloroethene	26 U	100	ug/L							U, D
Tetrachloroethene	20 U	100	ug/L							U, D
Chlorobenzene	28 U	100	ug/L							U, D
Surrogate: Dibromofluoromethane	38		ug/L	50.0		77	40-141			
Surrogate: Toluene-d8	41		ug/L	50.0		82	64-134			
Surrogate: 4-Bromofluorobenzene	41		ug/L	50.0		83	52-147			
LCS (8G30017-BS1)				Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 13:24						
1,1-Dichloroethene	20	1.0	ug/L	20.0		102	57-142			
Benzene	22	1.0	ug/L	20.0		109	55-131			
Trichloroethene	22	1.0	ug/L	20.0		108	52-135			
Chlorobenzene	23	1.0	ug/L	20.0		113	57-140			
Surrogate: Dibromofluoromethane	39		ug/L	50.0		78	40-141			
Surrogate: Toluene-d8	40		ug/L	50.0		80	64-134			
Surrogate: 4-Bromofluorobenzene	41		ug/L	50.0		83	52-147			
Matrix Spike (8G30017-MS1)				Source: A803211-01		Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 14:24				
1,1-Dichloroethene	19	1.0	ug/L	20.0	0.50 U	96	57-142			
Benzene	21	1.0	ug/L	20.0	0.30 U	107	55-131			
Trichloroethene	21	1.0	ug/L	20.0	0.26 U	106	52-135			
Chlorobenzene	22	1.0	ug/L	20.0	0.28 U	112	57-140			
Surrogate: Dibromofluoromethane	40		ug/L	50.0		80	40-141			
Surrogate: Toluene-d8	39		ug/L	50.0		78	64-134			
Surrogate: 4-Bromofluorobenzene	41		ug/L	50.0		81	52-147			
Matrix Spike Dup (8G30017-MSD1)				Source: A803211-01		Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 14:54				
1,1-Dichloroethene	19	1.0	ug/L	20.0	0.50 U	94	57-142	3	16	
Benzene	20	1.0	ug/L	20.0	0.30 U	101	55-131	6	12	
Trichloroethene	20	1.0	ug/L	20.0	0.26 U	102	52-135	4	40	
Chlorobenzene	21	1.0	ug/L	20.0	0.28 U	107	57-140	5	20	



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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TCLP Volatile Organics by GCMS - Quality Control

Batch 8G30017 - EPA 5030B_MS

Matrix Spike Dup (8G30017-MSD1) Continued Source: A803211-01 Prepared: 07/30/2008 12:31 Analyzed: 07/30/2008 14:54

Surrogate: Dibromofluoromethane	40	ug/L	50.0	79	40-141
Surrogate: Toluene-d8	41	ug/L	50.0	82	64-134
Surrogate: 4-Bromofluorobenzene	42	ug/L	50.0	85	52-147

Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8G29017 - EPA 3510C_MS

Blank (8G29017-BLK1) Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 14:29

N-Nitrosodimethylamine	1.8 U	10	ug/L		U
N-Nitrosomethylethylamine	2.9 U	10	ug/L		U
Methyl Methanesulfonate	2.3 U	10	ug/L		U
N-Nitrosodiethylamine	2.9 U	10	ug/L		U
Ethyl methanesulfonate	3.0 U	10	ug/L		U
Phenol	2.6 U	10	ug/L		U
Bis(2-chloroethyl)ether	2.9 U	10	ug/L		U
2-Chlorophenol	5.7 U	10	ug/L		U
Benzyl alcohol	2.8 U	10	ug/L		U
2-Methylphenol	2.4 U	10	ug/L		U
Bis(2-chloroisopropyl)ether	3.0 U	10	ug/L		U
Acetophenone	3.3 U	10	ug/L		U
3 & 4-Methylphenol	4.7 U	10	ug/L		U
N-Nitroso-di-n-propylamine	3.4 U	10	ug/L		U
N-Nitrosopyrrolidine	2.9 U	10	ug/L		U
Hexachloroethane	2.1 U	10	ug/L		U
o-Toluidine	2.8 U	10	ug/L		U
Nitrobenzene	2.7 U	10	ug/L		U
N-Nitropiperidine	2.9 U	10	ug/L		U
Isophorone	2.9 U	10	ug/L		U
2-Nitrophenol	6.1 U	10	ug/L		U
2,4-Dimethylphenol	5.2 U	10	ug/L		U
Bis(2-chloroethoxy)methane	2.8 U	10	ug/L		U
O,O,O-Triethyl phosphorothioate	2.7 U	10	ug/L		U
2,4-Dichlorophenol	5.8 U	10	ug/L		U
4-Chloroaniline	3.0 U	10	ug/L		U
2,6-Dichlorophenol	3.0 U	10	ug/L		U
Hexachloropropene	1.8 U	10	ug/L		U
Hexachlorobutadiene [SIM]	0.025 U	0.10	ug/L		U
N-Nitrosodi-n-butylamine	2.9 U	10	ug/L		U
1,4-Phenylenediamine	7.3 U	10	ug/L		U
4-Chloro-3-methylphenol	6.3 U	10	ug/L		U
Safrole	2.7 U	10	ug/L		U
2-Methylnaphthalene	2.5 U	10	ug/L		U
Hexachlorocyclopentadiene	1.6 U	10	ug/L		U
1,2,4,5-Tetrachlorobenzene	2.3 U	10	ug/L		U
2,4,6-Trichlorophenol	6.1 U	10	ug/L		U
2,4,5-Trichlorophenol	3.0 U	10	ug/L		U
Isosafrole	3.1 U	10	ug/L		U
2-Chloronaphthalene	2.8 U	10	ug/L		U
2-Nitroaniline	3.7 U	10	ug/L		U
1,4-Naphthoquinone	3.2 U	10	ug/L		U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8G29017 - EPA 3510C_MS

Blank (8G29017-BLK1) Continued

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 14:29

Dimethylphthalate	3.7 U	10	ug/L							U
1,3-Dinitrobenzene	3.1 U	10	ug/L							U
2,6-Dinitrotoluene	2.8 U	10	ug/L							U
Acenaphthylene [SIM]	0.023 U	0.10	ug/L							U
3-Nitroaniline	3.3 U	10	ug/L							U
Acenaphthene	3.0 U	10	ug/L							U
2,4-Dinitrophenol	5.7 U	10	ug/L							U
Pentachlorobenzene	2.5 U	10	ug/L							U
4-Nitrophenol	2.6 U	10	ug/L							U
Dibenzofuran	3.1 U	10	ug/L							U
2,4-Dinitrotoluene [SIM]	0.012 U	0.10	ug/L							U
2-Naphthylamine	3.6 U	10	ug/L							U
1-Naphthylamine	3.5 U	10	ug/L							U
2,3,4,6-Tetrachlorophenol	3.0 U	10	ug/L							U
Diethylphthalate	2.7 U	10	ug/L							U
4-Chlorophenyl-phenylether	2.8 U	10	ug/L							U
Fluorene	2.9 U	10	ug/L							U
Thionazin	2.8 U	10	ug/L							U
5-Nitro-o-toluidine	2.8 U	10	ug/L							U
4-Nitroaniline	3.3 U	10	ug/L							U
2-Methyl-4,6-dinitrophenol	7.2 U	10	ug/L							U
N-nitrosodiphenylamine/Diphenylamine	3.5 U	10	ug/L							U
Diallate [SIM]	0.021 U	0.10	ug/L							U
Phorate [SIM]	0.029 U	0.10	ug/L							U
4-Bromophenyl-phenylether	2.8 U	10	ug/L							U
Phenacetin	3.2 U	10	ug/L							U
1,3,5-Trinitrobenzene	4.0 U	10	ug/L							U
Hexachlorobenzene [SIM]	0.027 U	0.10	ug/L							U
Dimethoate [SIM]	0.019 U	0.10	ug/L							U
4-Aminobiphenyl	3.2 U	10	ug/L							U
Pronamide	2.7 U	10	ug/L							U
Pentachloronitrobenzene [SIM]	0.019 U	0.10	ug/L							U
Phenanthrene [SIM]	0.029 U	0.10	ug/L							U
Anthracene [SIM]	0.021 U	0.10	ug/L							U
Methyl Parathion [SIM]	0.014 U	0.10	ug/L							U
Di-n-butylphthalate	3.0 U	10	ug/L							U
Parathion [SIM]	0.017 U	0.10	ug/L							U
Methapyrilene	9.3 U	10	ug/L							U
Isodrin	2.7 U	10	ug/L							U
Fluoranthene [SIM]	0.024 U	0.10	ug/L							U
Pyrene [SIM]	0.024 U	0.10	ug/L							U
Butylbenzylphthalate	3.6 U	10	ug/L							U
p-Dimethylaminoazobenzene	2.9 U	10	ug/L							U
Chlorobenzilate [SIM]	0.015 U	0.10	ug/L							U
Famphur	2.8 U	10	ug/L							U
3,3'-Dimethylbenzidine	2.2 U	10	ug/L							U
Kepone [SIM]	3.5 U	5.0	ug/L							U
2-Acetylaminofluorene	3.2 U	10	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Semivolatile Organic Compounds by GCMS SIM - Quality Control

Batch 8G29017 - EPA 3510C_MS

Blank (8G29017-BLK1) Continued

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 14:29

3,3'-Dichlorobenzidine	3.2 U	10	ug/L							U
Benzo(a)anthracene [SIM]	0.025 U	0.10	ug/L							U
Bis(2-ethylhexyl)phthalate	3.4 U	10	ug/L							U
Chrysene [SIM]	0.024 U	0.10	ug/L							U
Di-n-octylphthalate	3.6 U	10	ug/L							U
7,12-Dimethylbenz(a)anthracene	2.3 U	10	ug/L							U
Benzo(b)fluoranthene [SIM]	0.021 U	0.10	ug/L							U
Benzo(k)fluoranthene [SIM]	0.020 U	0.10	ug/L							U
Benzo(a)pyrene [SIM]	0.019 U	0.10	ug/L							U
3-Methylcholanthrene	2.7 U	10	ug/L							U
Indeno(1,2,3-cd)pyrene [SIM]	0.062 U	0.10	ug/L							U
Dibenzo(a,h)anthracene [SIM]	0.078 U	0.10	ug/L							U
Benzo(g,h,i)perylene [SIM]	0.071 U	0.10	ug/L							U

Surrogate: 2-Fluorophenol	52		ug/L	100		52	25-79
Surrogate: Phenol-d5	34		ug/L	100		34	14-54
Surrogate: Nitrobenzene-d5	40		ug/L	50.0		80	43-112
Surrogate: 2-Fluorobiphenyl	39		ug/L	50.0		77	44-102
Surrogate: 2,4,6-Tribromophenol	62		ug/L	100		62	47-128
Surrogate: Terphenyl-d14	47		ug/L	50.0		93	65-122

LCS (8G29017-BS1)

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 15:26

Phenol	24	10	ug/L	50.0		47	14-54
2-Chlorophenol	46	10	ug/L	50.0		93	50-97
N-Nitroso-di-n-propylamine	58	10	ug/L	50.0		116	53-124
4-Chloro-3-methylphenol	45	10	ug/L	50.0		91	54-108
Acenaphthene	43	10	ug/L	50.0		87	50-95
4-Nitrophenol	18	10	ug/L	50.0		37	10-79
2,4-Dinitrotoluene	61	10	ug/L	50.0		122	63-120
Pyrene	42	10	ug/L	50.0		85	61-115

Matrix Spike (8G29017-MS1)

Source: A803919-01

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 15:55

Phenol	21	10	ug/L	50.0	2.6 U	42	14-54
2-Chlorophenol	42	10	ug/L	50.0	5.7 U	83	50-97
N-Nitroso-di-n-propylamine	53	10	ug/L	50.0	3.4 U	106	53-124
4-Chloro-3-methylphenol	40	10	ug/L	50.0	6.3 U	81	54-108
Acenaphthene	39	10	ug/L	50.0	3.0 U	79	50-95
4-Nitrophenol	16	10	ug/L	50.0	2.6 U	32	10-79
2,4-Dinitrotoluene	57	10	ug/L	50.0	3.0 U	113	63-120
Pyrene	40	10	ug/L	50.0	2.8 U	80	61-115

Matrix Spike Dup (8G29017-MSD1)

Source: A803919-01

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 16:24

Phenol	19	10	ug/L	50.0	2.6 U	38	14-54	10	32
2-Chlorophenol	38	10	ug/L	50.0	5.7 U	76	50-97	9	27
N-Nitroso-di-n-propylamine	49	10	ug/L	50.0	3.4 U	98	53-124	8	24
4-Chloro-3-methylphenol	38	10	ug/L	50.0	6.3 U	76	54-108	6	28
Acenaphthene	36	10	ug/L	50.0	3.0 U	71	50-95	10	27
4-Nitrophenol	14	10	ug/L	50.0	2.6 U	29	10-79	11	35
2,4-Dinitrotoluene	53	10	ug/L	50.0	3.0 U	106	63-120	7	23
Pyrene	35	10	ug/L	50.0	2.8 U	69	61-115	14	28

TCLP Semivolatile Organics by GCMS - Quality Control



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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TCLP Semivolatile Organics by GCMS - Quality Control

Batch 8G29017 - EPA 3510C_MS

Blank (8G29017-BLK2)

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 14:58

Pyridine	12 U	50	ug/L							U
1,4-Dichlorobenzene	11 U	50	ug/L							U
2-Methylphenol	12 U	50	ug/L							U
3 & 4-Methylphenol	24 U	50	ug/L							U
Hexachloroethane	10 U	50	ug/L							U
Nitrobenzene	14 U	50	ug/L							U
Hexachlorobutadiene	9.0 U	50	ug/L							U
2,4,6-Trichlorophenol	30 U	50	ug/L							U
2,4,5-Trichlorophenol	15 U	50	ug/L							U
2,4-Dinitrotoluene	15 U	50	ug/L							U
Hexachlorobenzene	13 U	50	ug/L							U
Pentachlorophenol	30 U	50	ug/L							U

LCS (8G29017-BS1)

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 15:26

1,4-Dichlorobenzene	39	10	ug/L	50.0		77	17-94			
Pentachlorophenol	32	10	ug/L	50.0		64	27-100			

Matrix Spike (8G29017-MS1)

Source: A803919-01

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 15:55

1,4-Dichlorobenzene	35	10	ug/L	50.0	2.2 U	69	17-94			
Pentachlorophenol	30	10	ug/L	50.0	5.9 U	60	27-100			

Matrix Spike Dup (8G29017-MSD1)

Source: A803919-01

Prepared: 07/29/2008 14:05 Analyzed: 07/30/2008 16:24

1,4-Dichlorobenzene	32	10	ug/L	50.0	2.2 U	64	17-94	7	34	
Pentachlorophenol	27	10	ug/L	50.0	5.9 U	54	27-100	11	26	

Organochlorine Pesticides by GC - Quality Control

Batch 8G28002 - EPA 3510C

Blank (8G28002-BLK1)

Prepared: 07/28/2008 04:36 Analyzed: 07/30/2008 23:46

alpha-BHC [2C]	0.010 U	0.050	ug/L							U
gamma-BHC [2C]	0.015 U	0.050	ug/L							U
beta-BHC [2C]	0.019 U	0.050	ug/L							U
delta-BHC [2C]	0.014 U	0.050	ug/L							U
Heptachlor [2C]	0.016 U	0.050	ug/L							U
Aldrin [2C]	0.020 U	0.050	ug/L							U
Heptachlor epoxide [2C]	0.014 U	0.050	ug/L							U
Chlordane-gamma [2C]	0.020 U	0.050	ug/L							U
Chlordane-alpha [2C]	0.014 U	0.050	ug/L							U
4,4'-DDE [2C]	0.017 U	0.050	ug/L							U
Endosulfan I [2C]	0.021 U	0.050	ug/L							U
Dieldrin [2C]	0.016 U	0.050	ug/L							U
Endrin [2C]	0.016 U	0.050	ug/L							U
4,4'-DDD [2C]	0.014 U	0.050	ug/L							U
Endosulfan II [2C]	0.012 U	0.050	ug/L							U
4,4'-DDT [2C]	0.013 U	0.050	ug/L							U
Endrin aldehyde [2C]	0.011 U	0.050	ug/L							U
Methoxychlor [2C]	0.018 U	0.050	ug/L							U
Endosulfan sulfate [2C]	0.013 U	0.050	ug/L							U
Chlordane (tech)	0.031 U	0.50	ug/L							U
Toxaphene	0.090 U	1.0	ug/L							U

Surrogate: Decachlorobiphenyl [2C]

0.98

ug/L

1.00

98

34-159

LCS (8G28002-BS1)

Prepared: 07/28/2008 04:36 Analyzed: 07/31/2008 00:11

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Organochlorine Pesticides by GC - Quality Control

Batch 8G28002 - EPA 3510C

LCS (8G28002-BS1) Continued

Prepared: 07/28/2008 04:36 Analyzed: 07/31/2008 00:11

alpha-BHC	0.76	0.050	ug/L	1.00		76	19-184
alpha-BHC [2C]	0.67	0.050	ug/L	1.00		67	19-184
gamma-BHC	0.59	0.050	ug/L	1.00		59	30-166
gamma-BHC [2C]	0.60	0.050	ug/L	1.00		60	30-166
beta-BHC	0.68	0.050	ug/L	1.00		68	20-178
beta-BHC [2C]	0.71	0.050	ug/L	1.00		71	20-178
delta-BHC	0.65	0.050	ug/L	1.00		65	16-152
delta-BHC [2C]	0.59	0.050	ug/L	1.00		59	16-152
Heptachlor	0.46	0.050	ug/L	1.00		46	25-143
Heptachlor [2C]	0.55	0.050	ug/L	1.00		55	25-143
Aldrin	0.84	0.050	ug/L	1.00		84	29-145
Aldrin [2C]	0.82	0.050	ug/L	1.00		82	29-145
Heptachlor epoxide	0.70	0.050	ug/L	1.00		70	33-177
Heptachlor epoxide [2C]	0.72	0.050	ug/L	1.00		72	33-156
Chlordane-gamma	0.65	0.050	ug/L	1.00		65	30-157
Chlordane-gamma [2C]	0.74	0.050	ug/L	1.00		74	30-157
Chlordane-alpha	0.76	0.050	ug/L	1.00		76	45-139
Chlordane-alpha [2C]	0.78	0.050	ug/L	1.00		78	45-139
4,4'-DDE	0.70	0.050	ug/L	1.00		70	71-127
4,4'-DDE [2C]	0.61	0.050	ug/L	1.00		61	71-127
Endosulfan I	0.57	0.050	ug/L	1.00		57	42-134
Endosulfan I [2C]	0.73	0.050	ug/L	1.00		73	42-134
Dieldrin	0.75	0.050	ug/L	1.00		75	46-127
Dieldrin [2C]	0.74	0.050	ug/L	1.00		74	46-127
Endrin	0.65	0.050	ug/L	1.00		65	28-143
Endrin [2C]	0.63	0.050	ug/L	1.00		63	28-143
4,4'-DDD	0.66	0.050	ug/L	1.00		66	38-150
4,4'-DDD [2C]	0.75	0.050	ug/L	1.00		75	38-150
Endosulfan II	0.61	0.050	ug/L	1.00		61	23-158
Endosulfan II [2C]	0.68	0.050	ug/L	1.00		68	23-158
4,4'-DDT	0.58	0.050	ug/L	1.00		58	37-125
4,4'-DDT [2C]	0.56	0.050	ug/L	1.00		56	37-125
Endrin aldehyde	0.50	0.050	ug/L	1.00		50	33-141
Endrin aldehyde [2C]	0.64	0.050	ug/L	1.00		64	33-141
Methoxychlor	0.56	0.050	ug/L	1.00		56	49-136
Methoxychlor [2C]	0.56	0.050	ug/L	1.00		56	49-136
Endosulfan sulfate	0.58	0.050	ug/L	1.00		58	32-135
Endosulfan sulfate [2C]	0.62	0.050	ug/L	1.00		62	32-135

Surrogate: 2,4,5,6-TCMX	0.42		ug/L	1.00		42	38-142
Surrogate: 2,4,5,6-TCMX [2C]	0.43		ug/L	1.00		43	38-142
Surrogate: Decachlorobiphenyl	0.66		ug/L	1.00		66	34-159
Surrogate: Decachlorobiphenyl [2C]	0.63		ug/L	1.00		63	34-159

Matrix Spike (8G28002-MS1)

Source: A803791-01

Prepared: 07/28/2008 04:36 Analyzed: 07/31/2008 00:35

alpha-BHC	0.51	0.050	ug/L	1.00	0.010 U	51	19-184
alpha-BHC [2C]	0.46	0.050	ug/L	1.00	0.010 U	46	19-184
gamma-BHC	0.43	0.050	ug/L	1.00	0.015 U	43	30-166
gamma-BHC [2C]	0.46	0.050	ug/L	1.00	0.015 U	46	30-166
beta-BHC	0.49	0.050	ug/L	1.00	0.019 U	49	20-178

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Organochlorine Pesticides by GC - Quality Control

Batch 8G28002 - EPA 3510C

Matrix Spike (8G28002-MS1) Continued Source: A803791-01 Prepared: 07/28/2008 04:36 Analyzed: 07/31/2008 00:35

beta-BHC [2C]	0.53	0.050	ug/L	1.00	0.019 U	53	20-178			
delta-BHC	0.45	0.050	ug/L	1.00	0.014 U	45	16-152			
delta-BHC [2C]	0.43	0.050	ug/L	1.00	0.014 U	43	16-152			
Heptachlor	0.37	0.050	ug/L	1.00	0.016 U	37	25-143			
Heptachlor [2C]	0.47	0.050	ug/L	1.00	0.016 U	47	25-143			
Aldrin	0.57	0.050	ug/L	1.00	0.020 U	57	29-145			
Aldrin [2C]	0.57	0.050	ug/L	1.00	0.020 U	57	29-145			
Heptachlor epoxide	0.48	0.050	ug/L	1.00	0.014 U	48	33-156			
Heptachlor epoxide [2C]	0.51	0.050	ug/L	1.00	0.014 U	51	33-156			
Chlordane-gamma	0.46	0.050	ug/L	1.00	0.020 U	46	30-157			
Chlordane-gamma [2C]	0.53	0.050	ug/L	1.00	0.020 U	53	30-157			
Chlordane-alpha	0.53	0.050	ug/L	1.00	0.014 U	53	45-139			
Chlordane-alpha [2C]	0.54	0.050	ug/L	1.00	0.014 U	54	45-139			
4,4'-DDE	0.47	0.050	ug/L	1.00	0.017 U	47	71-127			
4,4'-DDE [2C]	0.44	0.050	ug/L	1.00	0.017 U	44	71-127			
Endosulfan I	0.42	0.050	ug/L	1.00	0.021 U	42	42-134			
Endosulfan I [2C]	0.52	0.050	ug/L	1.00	0.021 U	52	42-134			
Dieldrin	0.53	0.050	ug/L	1.00	0.016 U	53	46-127			
Dieldrin [2C]	0.52	0.050	ug/L	1.00	0.016 U	52	46-127			
Endrin	0.48	0.050	ug/L	1.00	0.016 U	48	28-143			
Endrin [2C]	0.48	0.050	ug/L	1.00	0.016 U	48	28-143			
4,4'-DDD	0.50	0.050	ug/L	1.00	0.014 U	50	38-150			
4,4'-DDD [2C]	0.54	0.050	ug/L	1.00	0.014 U	54	38-150			
Endosulfan II	0.46	0.050	ug/L	1.00	0.012 U	46	23-158			
Endosulfan II [2C]	0.51	0.050	ug/L	1.00	0.012 U	51	23-158			
4,4'-DDT	0.48	0.050	ug/L	1.00	0.013 U	48	37-125			
4,4'-DDT [2C]	0.44	0.050	ug/L	1.00	0.013 U	44	37-125			
Endrin aldehyde	0.38	0.050	ug/L	1.00	0.011 U	38	33-141			
Endrin aldehyde [2C]	0.49	0.050	ug/L	1.00	0.011 U	49	33-141			
Methoxychlor	0.46	0.050	ug/L	1.00	0.018 U	46	49-136			
Methoxychlor [2C]	0.44	0.050	ug/L	1.00	0.018 U	44	49-136			
Endosulfan sulfate	0.45	0.050	ug/L	1.00	0.013 U	45	32-135			
Endosulfan sulfate [2C]	0.48	0.050	ug/L	1.00	0.013 U	48	32-135			

Surrogate: 2,4,5,6-TCMX	0.26		ug/L	1.00		26	38-142			
Surrogate: 2,4,5,6-TCMX [2C]	0.28		ug/L	1.00		28	38-142			
Surrogate: Decachlorobiphenyl	0.47		ug/L	1.00		47	34-159			
Surrogate: Decachlorobiphenyl [2C]	0.50		ug/L	1.00		50	34-159			

Matrix Spike Dup (8G28002-MSD1) Source: A803791-01 Prepared: 07/28/2008 04:36 Analyzed: 07/31/2008 00:59

Dieldrin [2C]	0.65	0.050	ug/L	1.00	0.016 U	65	46-127	21	21	
Endrin [2C]	0.59	0.050	ug/L	1.00	0.016 U	59	28-143	20	22	
4,4'-DDT [2C]	0.50	0.050	ug/L	1.00	0.013 U	50	37-125	12	24	

Surrogate: Decachlorobiphenyl [2C]	0.57		ug/L	1.00		57	34-159			
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TCLP Pesticides by GC - Quality Control

Batch 8G30001 - EPA 3510C

Blank (8G30001-BLK1) Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 17:47

gamma-BHC	0.2 U	0.5	ug/L							U
Heptachlor [2C]	0.2 U	0.5	ug/L							U



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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TCLP Pesticides by GC - Quality Control

Batch 8G30001 - EPA 3510C

Blank (8G30001-BLK1) Continued

Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 17:47

Heptachlor epoxide	0.1 U	0.5	ug/L							U
Endrin	0.2 U	0.5	ug/L							U
Methoxychlor	0.2 U	0.5	ug/L							U
Chlordane (tech)	0.3 U	5	ug/L							U
Toxaphene	0.9 U	10	ug/L							U

Surrogate: 2,4,5,6-TCMX 0.864 ug/L 1.00 86 38-142

Surrogate: Decachlorobiphenyl 1.10 ug/L 1.00 110 34-159

Blank (8G30001-BLK2)

Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 18:11

gamma-BHC	0.8 U	2	ug/L							U
Heptachlor [2C]	0.8 U	2	ug/L							U
Heptachlor epoxide	0.7 U	2	ug/L							U
Endrin	0.8 U	2	ug/L							U
Methoxychlor	0.9 U	2	ug/L							U
Chlordane (tech)	2 U	25	ug/L							U
Toxaphene	4 U	50	ug/L							U

Surrogate: 2,4,5,6-TCMX 3.74 ug/L 5.00 75 38-142

Surrogate: Decachlorobiphenyl 5.22 ug/L 5.00 104 34-159

LCS (8G30001-BS1)

Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 18:35

Endrin	1.10	0.5	ug/L	1.00		110	28-143			
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Surrogate: 2,4,5,6-TCMX 0.882 ug/L 1.00 88 38-142

Surrogate: Decachlorobiphenyl 1.23 ug/L 1.00 123 34-159

Matrix Spike (8G30001-MS1)

Source: A803919-01

Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 18:59

Endrin	1.11	0.5	ug/L	1.00	0.2 U	111	28-143			
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Surrogate: 2,4,5,6-TCMX 0.822 ug/L 1.00 82 38-142

Surrogate: Decachlorobiphenyl 1.14 ug/L 1.00 114 34-159

Matrix Spike Dup (8G30001-MSD1)

Source: A803919-01

Prepared: 07/30/2008 04:44 Analyzed: 08/01/2008 19:23

Endrin	1.09	0.5	ug/L	1.00	0.2 U	109	28-143	3	22	
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Surrogate: 2,4,5,6-TCMX 0.846 ug/L 1.00 85 38-142

Surrogate: Decachlorobiphenyl 1.23 ug/L 1.00 123 34-159

Polychlorinated Biphenyls by GC - Quality Control

Batch 8G28004 - EPA 3510C

Blank (8G28004-BLK1)

Prepared: 07/28/2008 04:38 Analyzed: 07/30/2008 23:46

PCB-1016/1242	0.31 U	1.0	ug/L							U
PCB-1221	0.31 U	1.0	ug/L							U
PCB-1232	0.31 U	1.0	ug/L							U
PCB-1248	0.31 U	1.0	ug/L							U
PCB-1254	0.31 U	1.0	ug/L							U
PCB-1260	0.18 U	1.0	ug/L							U

Surrogate: 2,4,5,6-TCMX 1.3 ug/L 1.00 125 38-142

Surrogate: Decachlorobiphenyl 1.1 ug/L 1.00 113 34-159

LCS (8G28004-BS1)

Prepared: 07/28/2008 04:38 Analyzed: 07/31/2008 01:24

PCB-1016/1242	12	1.0	ug/L	10.0		123	57-133			
PCB-1260	12	1.0	ug/L	10.0		125	16-186			

Surrogate: 2,4,5,6-TCMX 1.3 ug/L 1.00 134 38-142

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Polychlorinated Biphenyls by GC - Quality Control

Batch 8G28004 - EPA 3510C

LCS (8G28004-BS1) Continued

Prepared: 07/28/2008 04:38 Analyzed: 07/31/2008 01:24

Surrogate: Decachlorobiphenyl 1.5 ug/L 1.00 146 34-159

Matrix Spike (8G28004-MS1)

Source: A803791-01

Prepared: 07/28/2008 04:38 Analyzed: 07/31/2008 01:48

PCB-1016/1242 11 1.0 ug/L 10.0 0.31 U 113 57-133

PCB-1260 11 1.0 ug/L 10.0 0.18 U 114 16-186

Surrogate: 2,4,5,6-TCMX 1.2 ug/L 1.00 121 38-142

Surrogate: Decachlorobiphenyl 1.3 ug/L 1.00 126 34-159

Matrix Spike Dup (8G28004-MSD1)

Source: A803791-01

Prepared: 07/28/2008 04:38 Analyzed: 07/31/2008 02:12

PCB-1016/1242 11 1.0 ug/L 10.0 0.31 U 114 57-133 1 35

PCB-1260 12 1.0 ug/L 10.0 0.18 U 118 16-186 3 34

Surrogate: 2,4,5,6-TCMX 1.3 ug/L 1.00 132 38-142

Surrogate: Decachlorobiphenyl 1.4 ug/L 1.00 136 34-159

Chlorinated Herbicides by GC - Quality Control

Batch 8G28031 - EPA 3510C

Blank (8G28031-BLK2)

Prepared: 07/28/2008 16:57 Analyzed: 08/09/2008 02:55

2,4-D 0.65 U 2.5 ug/L U

Pentachlorophenol 0.28 U 2.5 ug/L U

2,4,5-TP (Silvex) 0.44 U 2.5 ug/L U

2,4,5-T 0.40 U 2.5 ug/L U

Dinoseb 0.50 U 2.5 ug/L U

Surrogate: 2,4-DCAA 11 ug/L 10.0 108 77-191

TCLP Herbicides by GC - Quality Control

Batch 8G28031 - EPA 3510C

Blank (8G28031-BLK2)

Prepared: 07/28/2008 16:57 Analyzed: 08/09/2008 02:55

2,4-D 1 U 5 ug/L U

2,4,5-TP (Silvex) 0.9 U 5 ug/L U

Surrogate: 2,4-DCAA 10.8 ug/L 10.0 108 77-191

Organophosphorus Compounds by GC - Quality Control

Batch 8G28005 - EPA 3510C

Blank (8G28005-BLK1)

Prepared: 07/28/2008 08:09 Analyzed: 07/28/2008 20:49

Disulfoton 0.072 U 1.0 ug/L U

Surrogate: Tributyl Phosphate 0.71 ug/L 1.00 71 17-139

Surrogate: Triphenyl phosphate 0.89 ug/L 1.00 89 22-165

LCS (8G28005-BS1)

Prepared: 07/28/2008 08:09 Analyzed: 07/28/2008 21:51

Dimethoate [2C] 3.3 1.0 ug/L 4.00 83 10-171

TEPP 2.1 1.0 ug/L 4.00 51 50-106

Malathion 2.9 1.0 ug/L 4.00 73 17-167

EPN 2.1 1.0 ug/L 4.00 52 10-168

Surrogate: Tributyl Phosphate 0.74 ug/L 1.00 74 17-139

Surrogate: Triphenyl phosphate 0.86 ug/L 1.00 86 22-165

Matrix Spike (8G28005-MS1)

Source: A803791-01

Prepared: 07/28/2008 08:09 Analyzed: 07/28/2008 22:53

Dimethoate [2C] 3.4 1.0 ug/L 4.00 0.063 U 85 10-171

TEPP 2.1 1.0 ug/L 4.00 0.050 U 53 10-106

Malathion 3.0 1.0 ug/L 4.00 0.063 U 75 17-167

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Organophosphorus Compounds by GC - Quality Control

Batch 8G28005 - EPA 3510C

Matrix Spike (8G28005-MS1) Continued		Source: A803791-01		Prepared: 07/28/2008 08:09 Analyzed: 07/28/2008 22:53						
EPN	2.1	1.0	ug/L	4.00	0.077 U	53	10-168			
Surrogate: Tributyl Phosphate	0.74		ug/L	1.00		74	17-139			
Surrogate: Triphenyl phosphate	0.87		ug/L	1.00		87	22-165			
Matrix Spike Dup (8G28005-MSD1)		Source: A803791-01		Prepared: 07/28/2008 08:09 Analyzed: 07/28/2008 23:55						
Dimethoate [2C]	4.3	1.0	ug/L	4.00	0.063 U	108	10-171	24	20	QR-02
TEPP	2.8	1.0	ug/L	4.00	0.050 U	71	10-106	29	28	
Malathion	3.8	1.0	ug/L	4.00	0.063 U	96	17-167	24	39	
EPN	2.9	1.0	ug/L	4.00	0.077 U	73	10-168	31	50	
Surrogate: Tributyl Phosphate	0.99		ug/L	1.00		99	17-139			
Surrogate: Triphenyl phosphate	1.1		ug/L	1.00		114	22-165			

Semivolatile Organic Compounds by GC - Quality Control

Batch 8G25024 - EPA 504/8011

Blank (8G25024-BLK1)		Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 15:42								
1,2-Dibromoethane	0.006 U	0.020	ug/L							U
1,2-Dibromo-3-chloropropane	0.003 U	0.020	ug/L							U
Surrogate: 1,3-Dichlorobenzene	0.25		ug/L	0.250		101	83-150			
LCS (8G25024-BS1)		Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 15:54								
1,2-Dibromoethane	0.25	0.020	ug/L	0.250		101	49-154			
1,2-Dibromo-3-chloropropane	0.25	0.020	ug/L	0.250		98	49-140			
Surrogate: 1,3-Dichlorobenzene	0.28		ug/L	0.250		111	83-150			
Matrix Spike (8G25024-MS1)		Source: A803791-02		Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 16:06						
1,2-Dibromoethane	0.26	0.020	ug/L	0.250	0.006 U	105	49-154			
1,2-Dibromo-3-chloropropane	0.26	0.020	ug/L	0.250	0.003 U	106	49-140			
Surrogate: 1,3-Dichlorobenzene	0.27		ug/L	0.250		108	83-150			
Matrix Spike Dup (8G25024-MSD1)		Source: A803791-02		Prepared: 07/25/2008 14:43 Analyzed: 07/25/2008 16:18						
1,2-Dibromoethane	0.26	0.020	ug/L	0.250	0.006 U	104	49-154	0.8	11	
1,2-Dibromo-3-chloropropane	0.26	0.020	ug/L	0.250	0.003 U	106	49-140	0.2	15	
Surrogate: 1,3-Dichlorobenzene	0.27		ug/L	0.250		107	83-150			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8G24027 - EPA 3005A

Blank (8G24027-BLK1)		Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 16:58								
Antimony	0.820 U	5.00	ug/L							U
Arsenic	1.10 U	10.0	ug/L							U
Barium	9.05 I	100	ug/L							J
Beryllium	0.730 U	1.00	ug/L							U
Cadmium	0.820 U	3.00	ug/L							U
Chromium	1.30 I	10.0	ug/L							J
Cobalt	0.500 U	10.0	ug/L							U
Copper	0.500 U	10.0	ug/L							U
Iron	11.6 I	50.0	ug/L							J
Lead	0.620 I	5.00	ug/L							J
Nickel	0.500 U	10.0	ug/L							U
Selenium	3.10 U	10.0	ug/L							U

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
<i>Batch 8G24027 - EPA 3005A</i>										
Blank (8G24027-BLK1) Continued				Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 16:58						
Silver	0.072 U	1.00	ug/L							U
Sodium	0.295 I	1.00	mg/L							J
Thallium	0.200 U	1.00	ug/L							U
Tin	5.30 U	50.0	ug/L							U
Vanadium	0.731 I	10.0	ug/L							J
Zinc	6.60 U	50.0	ug/L							U
LCS (8G24027-BS1)				Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 17:05						
Antimony	49.7	5.00	ug/L	50.0		99	85-115			
Arsenic	505	10.0	ug/L	500		101	85-115			
Barium	504 V	100	ug/L	500		101	85-115			B
Beryllium	49.0	1.00	ug/L	50.0		98	85-115			
Cadmium	49.7	3.00	ug/L	50.0		99	85-115			
Chromium	520 V	10.0	ug/L	500		104	85-115			B
Cobalt	513	10.0	ug/L	500		103	85-115			
Copper	505	10.0	ug/L	500		101	85-115			
Iron	1060 V	50.0	ug/L	1000		106	85-115			B
Lead	490 V	5.00	ug/L	500		98	85-115			B
Nickel	510	10.0	ug/L	500		102	85-115			
Selenium	462	10.0	ug/L	500		92	85-115			
Silver	49.8	1.00	ug/L	50.0		100	85-115			
Sodium	26.7 V	1.00	mg/L	25.0		107	85-115			B
Thallium	50.1	1.00	ug/L	50.0		100	85-115			
Tin	496	50.0	ug/L	500		99	85-115			
Vanadium	493 V	10.0	ug/L	500		99	85-115			B
Zinc	491	50.0	ug/L	500		98	85-115			
Matrix Spike (8G24027-MS1)				Source: A803818-03		Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 17:22				
Antimony	50.0	5.00	ug/L	50.0	0.820 U	100	85-115			
Arsenic	505	10.0	ug/L	500	1.10 U	101	85-115			
Barium	509 V	100	ug/L	500	10.2	100	85-115			B
Beryllium	52.3	1.00	ug/L	50.0	0.730 U	105	85-115			
Cadmium	48.3	3.00	ug/L	50.0	0.820 U	97	85-115			
Chromium	508 V	10.0	ug/L	500	0.817	101	85-115			B
Cobalt	502	10.0	ug/L	500	0.500 U	100	85-115			
Copper	500	10.0	ug/L	500	0.500 U	100	85-115			
Iron	1040 V	50.0	ug/L	1000	22.2	102	85-115			B
Lead	481 V	5.00	ug/L	500	0.641	96	85-115			B
Nickel	495	10.0	ug/L	500	0.500 U	99	85-115			
Selenium	485	10.0	ug/L	500	3.10 U	97	85-115			
Silver	49.0	1.00	ug/L	50.0	0.072 U	98	85-115			
Sodium	25.7 V	1.00	mg/L	25.0	0.300	102	85-115			B
Thallium	49.4	1.00	ug/L	50.0	0.200 U	99	85-115			
Tin	495	50.0	ug/L	500	5.30 U	99	85-115			
Vanadium	489 V	10.0	ug/L	500	0.681	98	85-115			B
Zinc	481	50.0	ug/L	500	8.56	94	85-115			
Matrix Spike Dup (8G24027-MSD1)				Source: A803818-03		Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 17:31				
Antimony	49.6	5.00	ug/L	50.0	0.820 U	99	85-115	0.9	20	
Arsenic	508	10.0	ug/L	500	1.10 U	102	85-115	0.5	20	
Barium	503 V	100	ug/L	500	10.2	99	85-115	1	20	B



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 8G24027 - EPA 3005A

Matrix Spike Dup (8G24027-MSD1) Continued Source: A803818-03 Prepared: 07/25/2008 12:11 Analyzed: 07/25/2008 17:31

Beryllium	50.9	1.00	ug/L	50.0	0.730 U	102	85-115	3	20	
Cadmium	48.8	3.00	ug/L	50.0	0.820 U	98	85-115	1	20	
Chromium	512 V	10.0	ug/L	500	0.817	102	85-115	0.9	20	B
Cobalt	502	10.0	ug/L	500	0.500 U	100	85-115	0.007	20	
Copper	495	10.0	ug/L	500	0.500 U	99	85-115	1	20	
Iron	1060 V	50.0	ug/L	1000	22.2	104	85-115	2	20	B
Lead	480 V	5.00	ug/L	500	0.641	96	85-115	0.3	20	B
Nickel	500	10.0	ug/L	500	0.500 U	100	85-115	1	20	
Selenium	481	10.0	ug/L	500	3.10 U	96	85-115	0.7	20	
Silver	48.9	1.00	ug/L	50.0	0.072 U	98	85-115	0.2	20	
Sodium	25.6 V	1.00	mg/L	25.0	0.300	101	85-115	0.4	20	B
Thallium	48.3	1.00	ug/L	50.0	0.200 U	97	85-115	2	20	
Tin	490	50.0	ug/L	500	5.30 U	98	85-115	1	20	
Vanadium	485 V	10.0	ug/L	500	0.681	97	85-115	0.9	20	B
Zinc	486	50.0	ug/L	500	8.56	95	85-115	1	20	

Post Spike (8G24027-PS1) Source: A803818-03 Prepared: 07/25/2008 12:00 Analyzed: 07/25/2008 17:39

Antimony	4.93	0.500	ug/L	4.90	0.080	99	75-125			
Arsenic	47.6	1.00	ug/L	49.0	-0.014	97	75-125			
Barium	47.2 V	10.0	ug/L	49.0	1.00	94	75-125			B
Beryllium	4.69	0.100	ug/L	4.90	-0.009	96	75-125			
Cadmium	4.51	0.300	ug/L	4.90	0.019	92	75-125			
Chromium	47.9 V	1.00	ug/L	49.0	0.080	98	75-125			B
Cobalt	46.7	1.00	ug/L	49.0	-0.091	95	75-125			
Copper	46.9	1.00	ug/L	49.0	0.014	96	75-125			
Iron	97.7 V	5.00	ug/L	98.0	2.17	97	75-125			B
Lead	44.7 V	0.500	ug/L	49.0	0.063	91	75-125			B
Nickel	46.8	1.00	ug/L	49.0	-0.060	96	75-125			
Selenium	45.1	1.00	ug/L	49.0	-0.294	93	75-125			
Silver	4.80	0.100	ug/L	4.90	-0.003	98	75-125			
Sodium	2440 V	100	ug/L	2450	29.4	99	75-125			B
Thallium	4.56	0.100	ug/L	4.90	-0.004	93	75-125			
Tin	46.0	5.00	ug/L	49.0	-0.032	94	75-125			
Vanadium	45.7 V	1.00	ug/L	49.0	0.067	93	75-125			B
Zinc	45.4	5.00	ug/L	49.0	0.839	91	75-125			

Batch 8G24029 - EPA 7470A

Blank (8G24029-BLK1) Prepared: 07/30/2008 11:30 Analyzed: 07/31/2008 08:50

Mercury	0.015 U	0.200	ug/L							U
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LCS (8G24029-BS1) Prepared: 07/30/2008 11:30 Analyzed: 07/31/2008 08:53

Mercury	5.40	0.200	ug/L	5.00		108	90-110			
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Matrix Spike (8G24029-MS1) Source: A803714-09 Prepared: 07/30/2008 11:30 Analyzed: 07/31/2008 08:59

Mercury	5.72	0.200	ug/L	5.00	0.015 U	114	90-110			QM-07
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Matrix Spike Dup (8G24029-MSD1) Source: A803714-09 Prepared: 07/30/2008 11:30 Analyzed: 07/31/2008 09:09

Mercury	5.73	0.200	ug/L	5.00	0.015 U	115	90-110	0.09	10	QM-07
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Post Spike (8G24029-PS1) Source: A803714-09 Prepared: 07/31/2008 06:00 Analyzed: 07/31/2008 09:12

Mercury	6.34	0.200	ug/L	5.61	-0.0001	113	0-200			
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Batch AA04655 - 8G25012

Serial Dilution (AA04655-SRD1) Source: A803818-03 Prepared: 07/24/2008 00:00 Analyzed: 07/25/2008 17:47

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Metals by EPA 6000/7000 Series Methods - Quality Control

Batch AA04655 - 8G25012

Serial Dilution (AA04655-SRD1) Continued Source: A803818-03 Prepared: 07/24/2008 00:00 Analyzed: 07/25/2008 17:47

Sodium	0.667	5.00	ug/L	0.300		10
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Serial Dilution (AA04655-SRD2) Source: A803880-01 Prepared: 07/24/2008 00:00 Analyzed: 07/26/2008 03:34

Sodium	0.200 U	2.00	ug/L			10 U
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Batch AA04685 - 8G28011

Serial Dilution (AA04685-SRD2) Source: A803913-01RE1 Prepared: 07/28/2008 00:00 Analyzed: 07/29/2008 22:00

Lead	5.00 U	50.0	ug/L			10 U
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Serial Dilution (AA04685-SRD3) Source: A803554-01RE1 Prepared: 07/28/2008 00:00 Analyzed: 07/30/2008 00:00

Lead	10.0 U	100	ug/L			10 U
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TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8G28026 - EPA 7470A

Blank (8G28026-BLK1) Prepared: 07/30/2008 11:32 Analyzed: 07/31/2008 07:16

Mercury	0.00002 U	0.0002	mg/L			U
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Blank (8G28026-BLK2) Prepared: 07/30/2008 11:32 Analyzed: 07/31/2008 07:19

Mercury	0.0002 U	0.002	mg/L			U
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LCS (8G28026-BS1) Prepared: 07/30/2008 11:32 Analyzed: 07/31/2008 07:22

Mercury	0.005	0.0002	mg/L	0.00500	107	90-110
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Matrix Spike (8G28026-MS1) Source: A803893-01 Prepared: 07/30/2008 11:32 Analyzed: 07/31/2008 07:28

Mercury	0.004	0.0002	mg/L	0.00500	0.00002 U	75	90-110	QM-07
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Matrix Spike Dup (8G28026-MSD1) Source: A803893-01 Prepared: 07/30/2008 11:32 Analyzed: 07/31/2008 07:31

Mercury	0.004	0.0002	mg/L	0.00500	0.00002 U	76	90-110	1	10	QM-07
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Post Spike (8G28026-PS1) Source: A803893-01 Prepared: 07/31/2008 06:00 Analyzed: 07/31/2008 10:34

Mercury	6.37	0.200	ug/L	5.61	-0.005	114	0-200
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Batch 8G28036 - EPA 3010A

Blank (8G28036-BLK1) Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 17:48

Arsenic	0.001 U	0.500	mg/L			U
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Barium	0.005 U	5.00	mg/L			U
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Cadmium	0.0008 U	0.050	mg/L			U
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Chromium	0.0007 U	0.500	mg/L			U
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Lead	0.0005 U	0.250	mg/L			U
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Selenium	0.003 U	0.500	mg/L			U
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Silver	0.00007 U	0.050	mg/L			U
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Blank (8G28036-BLK2) Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 17:55

Arsenic	0.001 U	0.500	mg/L			U
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Barium	0.005 U	5.00	mg/L			U
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Cadmium	0.0008 U	0.050	mg/L			U
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Chromium	0.0007 U	0.500	mg/L			U
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Lead	0.0005 U	0.250	mg/L			U
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Selenium	0.003 U	0.500	mg/L			U
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Silver	0.00007 U	0.050	mg/L			U
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LCS (8G28036-BS1) Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 18:02

Arsenic	25.1	0.500	mg/L	25.0	100	85-115
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Barium	24.4	5.00	mg/L	25.0	98	85-115
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Cadmium	2.39	0.050	mg/L	2.50	96	85-115
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Chromium	26.4	0.500	mg/L	25.0	106	85-115
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Lead	24.0	0.250	mg/L	25.0	96	85-115
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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 8G28036 - EPA 3010A

LCS (8G28036-BS1) Continued

Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 18:02

Selenium	25.1	0.500	mg/L	25.0		100	85-115			
Silver	2.45	0.050	mg/L	2.50		98	85-115			

Matrix Spike (8G28036-MS1)

Source: A803714-01

Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 18:19

Arsenic	25.4	0.500	mg/L	25.0	0.001 U	102	85-115			
Barium	24.7	5.00	mg/L	25.0	0.121	98	85-115			
Cadmium	2.43	0.050	mg/L	2.50	0.0008 U	97	85-115			
Chromium	25.5	0.500	mg/L	25.0	0.0007 U	102	85-115			
Lead	24.1	0.250	mg/L	25.0	0.0005 U	96	85-115			
Selenium	24.3	0.500	mg/L	25.0	0.003 U	97	85-115			
Silver	2.47	0.050	mg/L	2.50	0.00007 U	99	85-115			

Matrix Spike Dup (8G28036-MSD1)

Source: A803714-01

Prepared: 07/28/2008 19:17 Analyzed: 07/29/2008 18:27

Arsenic	25.0	0.500	mg/L	25.0	0.001 U	100	85-115	2	20	
Barium	23.7	5.00	mg/L	25.0	0.121	94	85-115	4	20	
Cadmium	2.31	0.050	mg/L	2.50	0.0008 U	92	85-115	5	20	
Chromium	25.4	0.500	mg/L	25.0	0.0007 U	102	85-115	0.1	20	
Lead	23.4	0.250	mg/L	25.0	0.0005 U	94	85-115	3	20	
Selenium	24.3	0.500	mg/L	25.0	0.003 U	97	85-115	0.06	20	
Silver	2.37	0.050	mg/L	2.50	0.00007 U	95	85-115	4	20	

Post Spike (8G28036-PS1)

Source: A803714-01

Prepared: 07/29/2008 14:30 Analyzed: 07/29/2008 18:36

Arsenic	48.0	1.00	ug/L	49.0	-0.116	98	75-125			
Barium	47.2	10.0	ug/L	49.0	0.238	96	75-125			
Cadmium	4.63	0.100	ug/L	4.90	-0.006	95	75-125			
Chromium	48.7	1.00	ug/L	49.0	-0.159	100	75-125			
Lead	46.2	0.500	ug/L	49.0	-0.002	94	75-125			
Selenium	49.2	1.00	ug/L	49.0	-0.362	101	75-125			
Silver	4.61	0.100	ug/L	4.90	-0.007	94	75-125			

Classical Chemistry Parameters - Quality Control

Batch 8G24026 - NO PREP

Blank (8G24026-BLK1)

Prepared: 07/24/2008 17:42 Analyzed: 07/24/2008 18:04

Nitrate as N	0.004 U	1.0	mg/L							U
Chloride	0.05 U	5.0	mg/L							U

LCS (8G24026-BS1)

Prepared: 07/24/2008 17:42 Analyzed: 07/24/2008 18:23

Nitrate as N	10	1.0	mg/L	10.0		103	90-110			
Chloride	52	5.0	mg/L	50.0		103	90-110			

Matrix Spike (8G24026-MS1)

Source: A803611-02

Prepared: 07/24/2008 17:42 Analyzed: 07/24/2008 18:42

Nitrate as N	11	1.0	mg/L	10.2	0.67	99	90-110			
Chloride	59	5.0	mg/L	51.0	5.8	104	90-110			

Matrix Spike Dup (8G24026-MSD1)

Source: A803611-02

Prepared: 07/24/2008 17:42 Analyzed: 07/24/2008 19:00

Nitrate as N	11	1.0	mg/L	10.2	0.67	99	90-110	0.2	16	
Chloride	59	5.0	mg/L	51.0	5.8	104	90-110	0.2	10	

Batch 8G24028 - NO PREP

Blank (8G24028-BLK1)

Prepared: 07/24/2008 21:10 Analyzed: 07/26/2008 04:15

Total Dissolved Solids	10 U	10	mg/L							U
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LCS (8G24028-BS1)

Prepared: 07/24/2008 21:10 Analyzed: 07/26/2008 04:15

Total Dissolved Solids	290	10	mg/L	300		97	87-114			
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Duplicate (8G24028-DUP1)

Source: A803603-15

Prepared: 07/24/2008 21:10 Analyzed: 07/26/2008 04:15

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control

Batch 8G24028 - NO PREP

Duplicate (8G24028-DUP1) Continued **Source: A803603-15** Prepared: 07/24/2008 21:10 Analyzed: 07/26/2008 04:15

Total Dissolved Solids	370	10	mg/L	360	1	10	
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Batch 8G25007 - NO PREP

LCS (8G25007-BS1) Prepared: 07/25/2008 09:42 Analyzed: 07/28/2008 09:47

pH	7.1	1.0	pH Units	7.00	101	99-101	Q
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Duplicate (8G25007-DUP1) **Source: A803852-01** Prepared: 07/25/2008 09:42 Analyzed: 07/28/2008 09:47

pH	7.7	1.0	pH Units	7.6	2	25	Q
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Batch 8G25018 - NO PREP

Blank (8G25018-BLK1) Prepared: 07/25/2008 12:02 Analyzed: 07/25/2008 14:38

Total Alkalinity	1.8 U	10	mg/L				U
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LCS (8G25018-BS1) Prepared: 07/25/2008 12:02 Analyzed: 07/25/2008 14:46

Total Alkalinity	260	10	mg/L	250	102	90-110	
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Matrix Spike (8G25018-MS2) **Source: A803701-01** Prepared: 07/25/2008 12:02 Analyzed: 07/25/2008 15:11

Total Alkalinity	340	10	mg/L	250	120	86	90-110	QM-07
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Matrix Spike Dup (8G25018-MSD2) **Source: A803701-01** Prepared: 07/25/2008 12:02 Analyzed: 07/25/2008 15:12

Total Alkalinity	330	10	mg/L	250	120	84	90-110	1	10	QM-07
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Batch 8G27002 - NO PREP

Blank (8G27002-BLK1) Prepared: 07/27/2008 06:21 Analyzed: 07/28/2008 16:45

Sulfide	0.45 U	1.0	mg/L				U
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LCS (8G27002-BS1) Prepared: 07/27/2008 06:21 Analyzed: 07/28/2008 16:45

Sulfide	3.7	1.0	mg/L	4.01	92	84-106	
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Matrix Spike (8G27002-MS1) **Source: A803833-05** Prepared: 07/27/2008 06:21 Analyzed: 07/28/2008 16:45

Sulfide	3.8	1.0	mg/L	4.01	0.53	83	84-106	QM-07
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Matrix Spike Dup (8G27002-MSD1) **Source: A803833-05** Prepared: 07/27/2008 06:21 Analyzed: 07/28/2008 16:45

Sulfide	3.7	1.0	mg/L	4.01	0.53	79	84-106	4	10	QM-07
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Batch 8G28013 - NO PREP

Blank (8G28013-BLK1) Prepared: 07/28/2008 10:43 Analyzed: 07/28/2008 15:14

Ammonia as N	0.008 U	0.020	mg/L				U
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LCS (8G28013-BS1) Prepared: 07/28/2008 10:43 Analyzed: 07/28/2008 15:22

Ammonia as N	0.95	0.020	mg/L	1.00	95	90-110	
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Matrix Spike (8G28013-MS1) **Source: A803714-08** Prepared: 07/28/2008 10:43 Analyzed: 07/28/2008 15:31

Ammonia as N	0.92	0.020	mg/L	1.00	0.022	90	90-110	
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Matrix Spike Dup (8G28013-MSD1) **Source: A803714-08** Prepared: 07/28/2008 10:43 Analyzed: 07/28/2008 15:32

Ammonia as N	0.92	0.020	mg/L	1.00	0.022	90	90-110	0.8	10
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Batch 8G28025 - NO PREP

Blank (8G28025-BLK1) Prepared: 07/28/2008 13:17 Analyzed: 07/28/2008 19:20

Cyanide (total)	0.0054 U	0.010	mg/L				U
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LCS (8G28025-BS1) Prepared: 07/28/2008 13:17 Analyzed: 07/28/2008 19:20

Cyanide (total)	0.19	0.010	mg/L	0.200	96	84-113	
-----------------	------	-------	------	-------	----	--------	--

Matrix Spike (8G28025-MS1) **Source: A803714-09** Prepared: 07/28/2008 13:17 Analyzed: 07/28/2008 19:20

Cyanide (total)	0.18	0.010	mg/L	0.200	0.0054 U	92	84-113	
-----------------	------	-------	------	-------	----------	----	--------	--

Matrix Spike Dup (8G28025-MSD1) **Source: A803714-09** Prepared: 07/28/2008 13:17 Analyzed: 07/28/2008 19:20

Cyanide (total)	0.18	0.010	mg/L	0.200	0.0054 U	90	84-113	1	10
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Batch 8G28030 - NO PREP



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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sample Notes
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Classical Chemistry Parameters - Quality Control

Batch 8G28030 - NO PREP

Blank (8G28030-BLK1)

Prepared: 07/28/2008 15:50 Analyzed: 07/30/2008 16:28

Total Solids	0.001 U	0.001	% by Volume							U
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Duplicate (8G28030-DUP1)

Source: A803714-01

Prepared: 07/28/2008 15:50 Analyzed: 07/30/2008 16:28

Total Solids	0.697	0.001	% by Volume	0.612				13	14	
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Special Notes

- [1] V = Analyte is found in the associated blank as well as in the sample (CLP B-flag).
- [2] D = Data reported from a dilution
- [3] I = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- [4] I-01 = Result is estimated due to positive results in the associated method blank.
- [5] I-02 = Result is estimated due to bias in the associated laboratory control sample (LCS).
- [6] Q = Analysis performed outside of method - specified holding time.
- [7] QV-01 = The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact on the deviation.
- [8] QL-02 = The associated laboratory control sample exhibited high bias; since the result is ND, the impact on data quality is minimal.
- [9] QM-07 = The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- [10] QR-02 = The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- [11] QS-03 = Surrogate recovery outside acceptance limits
- [12] QV-01 = The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.
- [13] QV-02 = The associated continuing calibration verification standard exhibited low bias; the reported result should be considered to be a minimum estimate.
- [14] QV-03 = Result estimated, calibration verification standard exceeded lower control limit. A low-level standard was analyzed to verify instrument sensitivity.
- [15] U = Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8011	Water	NELAC	E83182
8081A Appendix 2	Water	NELAC	E83182
8082 Appendix 2	Water	NELAC	E83182
8141A	Water	NELAC	E83182
8151A Appendix 2	Water	NELAC	E83182
8260B Appendix 1 FL	Water	NELAC	E83182
8260B Appendix 2	Water	NELAC	E83182
8260B Extended	Water	NELAC	E83182
8270C Appendix 2 Scan-SIM	Water	NELAC	E83182
Alkalinity 310.2	Water	NELAC	E83182
Ammonia 350.1	Water	NELAC	E83182
Antimony Total EPA 6020	Water	NELAC	E83182
Arsenic TCLP EPA 6020	Water	NELAC	E83182
Arsenic Total EPA 6020	Water	NELAC	E83182
Barium TCLP EPA 6020	Water	NELAC	E83182
Barium Total EPA 6020	Water	NELAC	E83182
Beryllium Total EPA 6020	Water	NELAC	E83182
Cadmium TCLP EPA 6020	Water	NELAC	E83182
Cadmium Total EPA 6020	Water	NELAC	E83182
Chloride 300	Water	NELAC	E83182
Chromium TCLP EPA 6020	Water	NELAC	E83182
Chromium Total EPA 6020	Water	NELAC	E83182
Cobalt Total EPA 6020	Water	NELAC	E83182
Copper Total EPA 6020	Water	NELAC	E83182
Cyanide Total 335.2	Water	NELAC	E83182
Iron Total EPA 6020	Water	NELAC	E83182
Lead TCLP EPA 6020	Water	NELAC	E83182
Lead Total EPA 6020	Water	NELAC	E83182
Mercury TCLP EPA 7470A	Water	NELAC	E83182
Mercury Total EPA 7000	Water	NELAC	E83182
Nickel Total EPA 6020	Water	NELAC	E83182
Nitrate as N 300	Water	NELAC	E83182
pH 9045D	Soil	NELAC	E83182
Selenium TCLP EPA 6020	Water	NELAC	E83182
Selenium Total EPA 6020	Water	NELAC	E83182
Silver TCLP EPA 6020	Water	NELAC	E83182
Silver Total EPA 6020	Water	NELAC	E83182
Sodium Total EPA 6020	Water	NELAC	E83182
Sulfide 376.1	Water	NELAC	E83182
TCLP 8081A	Water	NELAC	E83182
TCLP 8151A	Water	NELAC	E83182
TCLP 8260B	Water	NELAC	E83182



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TCLP 8270C	Water	NELAC	E83182
TDS 160.1	Water	NELAC	E83182
Thallium Total EPA 6020	Water	NELAC	E83182
Tin Total EPA 6020	Water	NELAC	E83182
TS SM 2540G	Soil	NELAC	E83182
Vanadium Total EPA 6020	Water	NELAC	E83182
Zinc Total EPA 6020	Water	NELAC	E83182



QSA RF #

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6039
Ph: (904) 295-3007 • Fax: (904) 295-52

10207 General Drive
Orlando, Florida 32824-8529
(407) 826-5314 • Fax (407) 856-

1015 Passport Way
Cary, North Carolina 27513
(919) 677-1669 • Fax (919) 677-9846

ENCO Compound No.: 950038G10

CHAIN OF CUSTODY RECORD

[illegible]



SITE: Citrus County PROJECT NO.: 03860-032-01-1100
DATE: 3-23-08 MEASURED BY: _____

[illegible]

ATTACHMENT 4

FIELD DATA

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Citrus County Landfill</u>	SITE LOCATION: <u>Loc 10, F12</u>
WELL NO: <u>AP2 EQB</u>	SAMPLE ID: <u>0832CCAP2EQB</u>
DATE: <u>7-23-08</u>	

PURGING DATA

WELL DIAMETER (in):	TUBING DIAMETER (in):	WELL SCREEN LENGTH: feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				PURGE METHOD: 2.1 2.2 2.3 OR FS2222
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons				Water Level Measured with: MPM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME				
(only fill out if applicable)				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:
				PURGING ENDED AT:
				TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>ESwaney</u> / Jones, Edmunds & Associates Inc.			SAMPLER(S) SIGNATURES: <u>[Signature]</u>			SAMPLING INITIATED AT: <u>1600</u>		SAMPLING ENDED AT: <u>1614</u>	
PUMP OR TUBING DEPTH IN WELL (feet):			SAMPLE PUMP VOC Sampling Rate <100 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): <u><500ml/min</u>			TUBING MATERIAL CODE: <u> </u>		SAMPLING EQUIPMENT CODE: <u>Bottle Blank</u>	
FIELD DECONTAMINATION: Y ☒ (N)			FIELD-FILTERED: Y ☒ FILTER SIZE: <u> </u> µm			DUPLICATE: Y ☒ (N)			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH		
<u>0832CCAP2EQB</u>	<u>4</u>	<u>AC</u>	<u>1L</u>	<u>NONE</u>	<u>NONE</u>	<u>N/A</u>	<u>APP2-8087A, 80872, 8141A, 8187A</u>	
<u>↓</u>	<u>1</u>	<u>P</u>	<u>500mL</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>Alk, Chloride, Nitrate as N, TDS</u>	
<u>↓</u>	<u>1</u>	<u>↓</u>	<u>250mL</u>	<u>HNO3</u>	<u>↓</u>	<u><2</u>	<u>metals</u>	
<u>↓</u>	<u>1</u>	<u>↓</u>	<u>↓</u>	<u>H2SO4</u>	<u>↓</u>	<u><2</u>	<u>Ammonia</u>	
<u>↓</u>	<u>1</u>	<u>↓</u>	<u>↓</u>	<u>ZnAc</u>	<u>↓</u>	<u>>12</u>	<u>Sulfide</u>	
<u>↓</u>	<u>1</u>	<u>↓</u>	<u>↓</u>	<u>NADH</u>	<u>↓</u>	<u>>12</u>	<u>Cyanide</u>	
<u>↓</u>	<u>4</u>	<u>CG</u>	<u>40mL</u>	<u>NONE</u>	<u>↓</u>	<u>N/A</u>	<u>Roll</u>	

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at AP2EQB

Sky Conditions: _____ Ambient Air Temperature: _____

Approx. Wind Speed and Direction: _____

Grundfos Settings: _____ HZ Peristaltic Setting: _____

Bladder Pump: CPM _____ Refill/Discharge _____ / _____ sec Pressure _____ PSI

Total Tubing Length: _____ feet

Comments:

20phyr Dist H2O LOT # 031808807BWF2303

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Landfill		SITE LOCATION: Lecanto, Florida	
WELL NO: Leachate EFF <u>EQB(A71)</u>		SAMPLE ID: <u>0852CCEFFGQB</u>	
DATE: <u>7-22-08</u>			

PURGING DATA

WELL DIAMETER (in):		TUBING DIAMETER (in):		WELL SCREEN LENGTH: feet		STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY								PURGE METHOD: 2.1 2.2 2.3 OR FS2222			
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons Water Level Measured with:											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + 0.123 gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):			FINAL PUMP OR TUBING DEPTH IN WELL (feet):			PURGING INITIATED AT:		PURGING ENDED AT:		TOTAL VOLUME PURGED (gallons):	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
				No Readings Required								

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>Edmunds</u> / Jones Edmunds & Assoc.				SAMPLER(S) SIGNATURES: <u>[Signature]</u>				SAMPLING INITIATED AT: <u>1250</u>		SAMPLING ENDED AT: <u>1254</u>	
PUMP OR TUBING DEPTH IN WELL (feet):				SAMPLE PUMP VOC Sampling Rate <100 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): <u>500ml/min</u>				TUBING MATERIAL CODE: PE		SAMPLING EQUIPMENT CODE: <u>Bottle Blank</u>	
FIELD DECONTAMINATION: Y ☒ (N)				FIELD-FILTERED: Y ☒ FILTER SIZE: µm Filtration Equipment Type:				DUPLICATE: Y ☒ (N)			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH			
<u>0852CCEFFGQB</u>	2	CG	40 ML	HCL	---	<u>N/A</u>	EPA 601/602		
	2	CG	40 ML	NONE	---	<u>✓</u>	504		
	1	PE	250 ML	HNO3	---	<u>~2</u>	<u>metals</u> -Chloride, TDS		
	1	PE	250 ML	HNO3	---	<u>N/A</u>	<u>chloride, TDS</u> <u>NA</u>		
	1	PE	250 ML	NONE	---	<u>~2</u>	<u>ammonia</u> Nitrate		

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at EQB (A71)
 Sky Conditions: Ambient Air Temperature:
 Approx. Wind Speed and Direction:
 Grundfos Settings: HZ Peristaltic Setting:
 Bladder Pump: CPM Refill/Discharge / sec Pressure PSI
 Total Tubing Length: feet

Comments:

2nd yr. Dist H2O LOT # 060208154WF 233 - Covers Leachate EFF

GROUNDWATER SAMPLING LOG

SITE NAME: Citrus County Landfill		SITE LOCATION: Lecanto, Florida	
WELL NO: Leachate EFF		SAMPLE ID: <u>0832CCEFF</u>	DATE: <u>7-22-09</u>

PURGING DATA

WELL DIAMETER (in):	TUBING DIAMETER (in):	WELL SCREEN LENGTH: feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				PURGE METHOD: 2.1 2.2 2.3 OR FS2222
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons Water Level Measured with:				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + 0.123 gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>N/A</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>N/A</u>		PURGING INITIATED AT:
				PURGING ENDED AT:
TOTAL VOLUME PURGED (gallons):				

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
1300	N/A	N/A	N/A	N/A	9.01	32.50	3178	18.422	15.9	Greenish	N/A	32.6

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>ESWANLEY</u> / Jones Edmunds & Assoc.		SAMPLER(S) SIGNATURES: <u>[Signature]</u>		SAMPLING INITIATED AT: <u>1300</u>	SAMPLING ENDED AT: <u>1304</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>N/A</u>		SAMPLE PUMP VOC Sampling Rate <100 ml/min ☒ FLOW RATE Other Samples Rate (mL / min): <u>450ml/min</u>		TUBING MATERIAL CODE: PE	SAMPLING EQUIPMENT CODE: <u>Direct Dip w/ Unpres. Bottle</u>
FIELD DECONTAMINATION: Y ☒ N ☐		FIELD-FILTERED: Y ☒ N ☐ FILTER SIZE: _____ µm		DUPLICATE: Y ☐ N ☒	
Filtration Equipment Type: _____					

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH	INTENDED ANALYSIS
<u>0832CCEFF</u>	2	CG	40 ML	HCL	---	N/A	EPA 601/602
↓	2	CG	40 ML	NONE	---	↓	504
↓	1	PE	250 ML	HNO3	---	<2	metals - Chloride, TDS
↓	1	PE	250 ML	HNO3 NONE	---	N/A	Chloride TDS NA
↓	↓	↓	250ml	H2SO4	---	<2	Ammonia

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at EFF
 Sky Conditions: cloudy Ambient Air Temperature: 32.40C
 Approx. Wind Speed and Direction: 0
 Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM _____ Refill/Discharge _____ / _____ sec Pressure _____ PSI
 Total Tubing Length: _____ feet

Sample dropped from Chlorine
 Contact chamber. System
 Appears to be Idle.

Comments:

A lot of Algae Build up - may be reason for Elevated D.O.

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Citrus County Landfill</u>	SITE LOCATION: <u>Levento, Fla.</u>
WELL NO: <u>SLUDGE</u>	SAMPLE ID: <u>0832CCSL</u> DATE: <u>7-23-08</u>

PURGING DATA

WELL DIAMETER (in):	TUBING DIAMETER (in):	WELL SCREEN LENGTH: feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				PURGE METHOD: 2.1 2.2 2.3 OR FS2222
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons Water Level Measured with:				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:
				PURGING ENDED AT:
				TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>ESWANECY</u> / Jones Edmunds & Assoc.				SAMPLER(S) SIGNATURES: <u>[Signature]</u>				SAMPLING INITIATED AT: <u>0830</u>		SAMPLING ENDED AT: <u>0835</u>	
PUMP OR TUBING DEPTH IN WELL (feet):				SAMPLE PUMP VOC Sampling Rate <100 ml/min ☐ FLOW RATE Other Samples Rate (mL / min): <u>N/A</u>				TUBING MATERIAL CODE: <u>-</u>		SAMPLING EQUIPMENT CODE: <u>dipper pole To Lab Bottles</u>	
FIELD DECONTAMINATION: Y ☒ N				FIELD-FILTERED: Y ☒ N FILTER SIZE: µm				DUPLICATE: Y ☒ N			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH					
<u>0832CCSL</u>	<u>3</u>	<u>AL</u>	<u>1L</u>	<u>NONE</u>	<u>NONE</u>	<u>N/A</u>	<u>TCLP 8081A 8161A 8270C</u>				
<u>↓</u>	<u>3</u>	<u>CG</u>	<u>40ml</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>TCLP 1311 EXT 2HG 826B</u>				
<u>↓</u>	<u>1</u>	<u>P</u>	<u>500ml</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>TCLP / metals, PH, TS</u>				

REMARKS:
 * Verified Sample pH as <2 or >12 (as applicable) at _____
 Sky Conditions: _____ Ambient Air Temperature: _____
 Approx. Wind Speed and Direction: _____
 Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM _____ Refill/Discharge _____ / _____ sec Pressure _____ PSI
 Total Tubing Length: _____ feet

Comments:

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Chico County Landfill</u>	SITE LOCATION: <u>Lecanto, Fla</u>
WELL NO: <u>Phase 2 Primary</u>	SAMPLE ID: <u>0852CCP2 Prime</u> DATE: <u>7-23-08</u>

PURGING DATA

WELL DIAMETER (in):	TUBING DIAMETER (in):	WELL SCREEN LENGTH: feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons				Water Level Measured with: <u>MPM-GNV-01</u>
PURGE METHOD: 2.1 2.2 2.3 OR FS2222				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME				
(only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:
				PURGING ENDED AT:
TOTAL VOLUME PURGED (gallons):				

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
0900	4/4	N/A	4/4	N/A	6.47	31.85	1953	0.62	31.3	light yellow	strong	-84.1

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>Edmunds</u> / Jones, Edmunds & Associates Inc.			SAMPLER(S) SIGNATURES: <u>[Signature]</u>			SAMPLING INITIATED AT: <u>0900</u>		SAMPLING ENDED AT: <u>0912</u>	
PUMP OR TUBING DEPTH IN WELL (feet):			SAMPLE PUMP VOC Sampling Rate <100 ml/min			TUBING MATERIAL CODE: <u> </u>		SAMPLING EQUIPMENT CODE: <u>Sample port</u>	
FIELD DECONTAMINATION: Y ☒ N ☐			FLOW RATE Other Samples Rate (mL / min): <u><500 mL/min</u>			FIELD-FILTERED: Y ☒ N ☐		DUPLICATE: Y ☒ N ☐	
Filtration Equipment Type: <u> </u>			FILTER SIZE: <u> </u> µm						

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH					
0852CCP2 Prime	4	AG	7L	NONE	NONE	N/A	APP2 8081A 8082 8141A 8151A				
↓	1	P	500mL	↓	↓	↓	Alk Chloride Nitrate NH4 TDS				
	1	P	250mL HNO3	HNO3	↓	<2	Metals				
	1	P	250mL H2SO4	H2SO4	↓	<2	Ammonia				
	1	P	250mL ZNAC	ZNAC	↓	>12	Sulfide				
	1	P	250mL NAOH	NAOH	↓	>12	Cyanide				
V	4	CG	40mL	NONE	NONE	N/A	8011				

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at Phase 2 Primary

Sky Conditions: Ambient Air Temperature:

Approx. Wind Speed and Direction:

Grundfos Settings: HZ Peristaltic Setting:

Bladder Pump: CPM Refill/Discharge / sec Pressure PSI

Total Tubing Length: feet

System Running

Sample taken from sample port

Comments:

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Citrus County LF</u>	SITE LOCATION: <u>Lecanto, FL</u>
WELL NO: <u>master lift</u>	SAMPLE ID: <u>0852CCML</u>
DATE: <u>7-23-08</u>	

PURGING DATA

WELL DIAMETER (in):	TUBING DIAMETER (in):	WELL SCREEN LENGTH: feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				PURGE METHOD: 2.1 2.2 2.3 OR FS2222
1 WELL VOLUME = (feet - feet) X gallons/foot = gallons				Water Level Measured with: MPM-GNV-01
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME				
(only fill out if applicable)				
= gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT:
				PURGING ENDED AT:
				TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR	ORP (mVolts)
0930	N/A	N/A	N/A	N/A	7.02	30.95	3806	3.13	19.9	—	—	43.7

SAMPLING DATA

SAMPLED BY (Print) / AFFILIATION: <u>ESwaney</u> / Jones, Edmunds & Associates Inc.			SAMPLER(S) SIGNATURES: <u>[Signature]</u>			SAMPLING INITIATED AT: <u>0930</u>		SAMPLING ENDED AT: <u>0945</u>	
PUMP OR TUBING DEPTH IN WELL (feet):			SAMPLE PUMP VOC Sampling Rate <100 ml/min ☒ FLOW RATE Other Samples Rate (mL/min): <u>350ml/min</u>			TUBING MATERIAL CODE: <u> </u>		SAMPLING EQUIPMENT CODE: <u>4.000-51</u> <u>LAB 80412</u>	
FIELD DECONTAMINATION: Y ☒ (N)			FIELD-FILTERED: Y ☒ FILTER SIZE: <u> </u> µm			FILTRATION EQUIPMENT TYPE: <u> </u>		DUPLICATE: Y ☒ (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOL	PRES. USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL PH	INTENDED ANALYSIS
0852CCML	4	AC	1L	NONE	NONE	N/A	APP2 808/A, 808/L, 814/A, 815/A
↓	1	P	500ml	↓	↓	↓	Alk Chloride, Nitrate as N, TDS
↓	1	↓	250ml	HNO3	↓	*	Metals
↓	1	↓	↓	H2SO4	↓	*	Ammonia
↓	1	↓	↓	2NAC	↓	*	Sulfide
↓	1	↓	↓	NADH	↓	*	Cyanide
↓	1	↓	↓	NADH	↓	*	9011
✓	4	CG	40ml	NONE	↓	N/A	

REMARKS:

* Verified Sample pH as <2 or >12 (as applicable) at Phase 2 prime
 Sky Conditions: _____ Ambient Air Temperature: _____
 Approx. Wind Speed and Direction: _____

Grundfos Settings: _____ HZ Peristaltic Setting: _____
 Bladder Pump: CPM _____ Refill/Discharge _____ / _____ sec Pressure _____ PSI
 Total Tubing Length: _____ feet

Comments:



ENVIRONMENTAL CONSERVATION LABORATORIES

QSARF # 1803656

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10207 General Drive
Orlando, Florida 32824-8529
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE		PROJECT NO.	PO. NUMBER	MATRIX TYPE		REQUIRED ANALYSIS		PAGE	OF
Citrus County	03800-032-01-1000	PHONE 3925821	FAX						
PROJECT LOC. (State)	FLA	SAMPLER(S) NAME	ESWANEY						
CLIENT NAME	JONES Edmunds	CLIENT PROJECT MANAGER	TCutty						
CLIENT ADDRESS (CITY, STATE, ZIP)	730 NEW WOOD RD GAINESVILLE FL 32611								
SAMPLE				PRESERVATIVE		REMARKS			
STATION	DATE	TIME	GRAB	COMP	NUMBER OF CONTAINERS SUBMITTED		Date Due:		
1 EFF (EUB) (AD) 7/22/88	1250	X			X	7			
2 EFF 7/22/88	1300	X			X	7			
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
SAMPLE KIT PREPARED BY:				DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME
CLACKSONVILLE				7/16/88	13:15	[Signature]		7/16/88	17:00
RELINQUISHED BY: (SIGNATURE)				DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME
[Signature]				7/22/88	16:15	[Signature]			
RECEIVED BY: (SIGNATURE)				DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME
[Signature]						[Signature]			
RECEIVED FOR LABORATORY BY: (SIGNATURE)				DATE	TIME	REMARKS			
[Signature]						[Signature] should be v. 11.2 -> OK 11.2.80			
□ Jacksonville				□ Orlando		CUSTODY INTACT		ENCO LOG NO.	
□ YES				□ NO					



QSAF #

4810 Executive Park Court, Suite 211

10207 General Drive

1015 Passport Way

Jacksonville, Florida 32216-6069

Orlando, Florida 32824-8529

Carv North Carolina 27513

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Ph. (919) 677-1669 • Fax (919) 677-9846

ENCO CompQAP No.: 960038G/0

CHAIN OF CUSTODY RECORD

[illegible]

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

DATE 7-22-08

INSTRUMENT # YSI - GNV- 05

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☒ DO ☐ OTHER _____

Standard A Moist Air Chamber

Zero D.O. Calibration Check Date 3-5-2008 Reference Meter Book ESWANAY

(Zero D. O. checked with standard quarterly)

[illegible]

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County DATE 7-22-08

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS INSTRUMENT # YSI - GNV - 05

PARAMETER: [check only one]

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☒ ORP
☐ TURBIDITY ☐ RESIDUAL Cl ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A Zobell's Solution Mixed Standard Expiration Date 10-10-08

Stock Solution Lot # 07m100477 Expiration Date 01/2010

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (mV)	Temper- ature (Deg C)	INSTRUMENT RESPONSE (mV)	(+/- 10 mV) DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
08/7/22	0754	A	224.9	27.40	224.8	.1	y	init	EL
08/7/22	1834	A	219.4	81.34	220.4	.6	y	Cont	EL
08/7/23	0604	A	225.4	26.98	225.1	.3	y	init	EL
08/7/23	1739	A	221.6	29.71	222.1	.5	y	Cont	EL
08/7/24	0401	A	224.5	27.71	224.8	.3	y	init	EL
08/7/24	1706	A	219.2	31.79	219.9	.7	y	Cont	EL

FT 1100 Field Measurement of Hydrogen Ion Activity (pH)

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Catons CountyDATE 7-22-08INSTRUMENT (MAKE/MODEL#) YSI 556 MPSINSTRUMENT # YSI - GNV- 05Instrument Gain -5.32 Date Determined 07-22-08 (Acceptable Gain = Acceptable Slope)

(Range -5.597 to -4.579 acceptable) (Check Instrument Gain at the beginning of each week)

PARAMETER: [check only one]

☐ TEMPERATURE☐ CONDUCTIVITY☐ SALINITY☒ pH☐ ORP☐ TURBIDITY☐ RESIDUAL CI☐ DO☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 7.00 SU Lot # 2706361 Expiration Date JUN2009Standard B 4.01 SU Lot # 2708653 Expiration Date AUG2009Standard C 10.00 SU Lot # 2707084 Expiration Date JAN2009

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (SU)	INSTRUMENT RESPONSE (SU)	(+/- 0.2 SU) DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
08/7/22	0800	A	7.00	7.00	0	Y	init	EA
↓	0803	B	4.01	4.01	0	↓	↓	EA
↓	0806	C	10.00	9.90	.1	↓	↓	EA
08/7/22	1839	A	7.00	6.99	.01	Y	Cont	EA
↓	1842	B	4.01	4.00	.01	↓	↓	EA
↓	1845	C	10.00	9.94	.06	↓	↓	EA
08/7/23	0608	A	7.00	7.00	0	Y	init	EA
↓	0610	B	4.01	4.02	.01	↓	↓	EA
↓	0613	C	10.00	9.93	.07	↓	↓	EA
08/7/23	1741	A	7.00	6.97	.03	Y	Cont	EA
↓	1747	B	4.01	4.05	.04	↓	↓	EA
↓	1750	C	10.00	10.01	.01	↓	↓	EA
08/7/24	0804	A	7.00	7.00	0	Y	init	EA
↓	0807	B	4.01	4.01	0	↓	↓	EA
↓	0811	C	10.00	9.93	.07	↓	↓	EA
08/7/24	1710	A	7.00	6.94	.06	Y	Cont	EA
↓	1714	B	4.01	4.06	.05	↓	↓	EA
↓	1716	C	10.00	9.99	.01	↓	↓	EA

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County

DATE 7-22-08

INSTRUMENT (MAKE/MODEL#) YSI 556 MPS

INSTRUMENT # YSI - GNV - 05

PARAMETER: [check only one]

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CI ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A 1413 umhos Lot # 2709230 Expiration Date SEPT2008

Standard B 447 umhos Lot # 2707012 Expiration Date Jul 08

Standard C 84 umhos Lot # 2709281 Expiration Date SEPT2008

Standard D umhos Lot # Expiration Date

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (umhos/cm)	INSTRUMENT RESPONSE (umhos/cm)	(+/- 5%) DEV	CALIBRATE D (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
08/7/22	0809	A	1413	1413	0	Y	init	EL
↓	0811	B	447	446	±1%	↓	↓	EL
↓	0813	C	84	85	1.2%	↓	↓	EL
08/7/22	1849	A	1413	1410	±1%	Y	Cont	EL
↓	1852	B	447	446	±1%	↓	↓	EL
↓	1856	C	84	84	0	↓	↓	EL
08/7/23	0618	A	1413	1413	0	Y	init	EL
↓	0621	B	447	447	0	↓	↓	EL
↓	0624	C	84	84	0	↓	↓	EL
08/7/23	1755	A	1413	1410	±1%	Y	Cont	EL
↓	1758	B	447	446	±1%	↓	↓	EL
↓	1801	C	84	84	0	↓	↓	EL
08/7/24	0814	A	1413	1409	±1%	Y	init	EL
↓	0817	B	447	446	±1%	↓	↓	EL
↓	0820	C	84	84	0	↓	↓	EL
08/7/24	1721	A	1413	1411	±1%	Y	Cont	EL
↓	1725	B	447	447	0	↓	↓	EL
↓	1728	C	84	85	1.2%	↓	↓	EL

Form FD 9000-8: FIELD INSTRUMENT CALIBRATION RECORDS

SITE NAME Citrus County DATE 7-22-08
INSTRUMENT (MAKE/MODEL#) Hach 2100P INSTRUMENT # TB-GNV- 05
Instrument Calibration Date 10-18-08 Reference Meter Book ESwaney

PARAMETER: [check only one]

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☒ TURBIDITY ☐ RESIDUAL CI ☐ DO ☐ OTHER _____

STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard A Gel Standard 4.79NTU
Standard B Gel Standard 49.5NTU
Standard C Gel Standard 529.0NTU
Standard D Measurement Cell + Distilled Water <0.25NTU

DATE (yy/mm/dd)	TIME (hr:min)	STD (A, B, C)	STD VALUE (NTU)	INSTRUMENT RESPONSE (NTU)	(+/- 6.5%) DEV	CALIBRATED (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
08/7/22	808	A	4.79	4.75	<6.5%	Y	INIT	EA
		B	49.5	48.4	<6.5%	Y		EA
		C	529.0	531.0	<6.5%	Y		EA
		D	0	0.14	—	Y		EA
08/7/22	1910	A	4.79	4.75	<6.5%	Y	CONT	EA
		B	49.5	48.5	<6.5%	Y		EA
		C	529.0	531.0	<6.5%	Y		EA
		D	0	0.11	—	Y		EA
08/7/23	0632	A	4.79	4.74	<6.5%	Y	INIT	EA
		B	49.5	48.4	<6.5%	Y		EA
		C	529.0	531.0	<6.5%	Y		EA
		D	0	0.08	—	Y		EA
08/7/23	1807	A	4.79	4.75	<6.5%	Y	CONT	EA
		B	49.5	50.1	<6.5%	Y		EA
		D	0	0.12	—	Y		EA
08/7/24	0825	A	4.79	4.77	<6.5%	Y	INIT	EA
		B	49.5	50.3	<6.5%	Y		EA
		D	0	0.10	Y	Y		EA
08/7/24	1731	A	4.79	4.74	<6.5%	Y	CONT	EA
		B	49.5	48.6	<6.5%	Y		EA