Ernest J. Kapopoulos, Jr.
Plant Manager
Harris Nuclear Plant
5413 Shearon Harris Rd
New Hill NC 27562-9300

919-362-2000

RECEIVED
NOV - 9 2012
SOLID WASTE SECTION

November 6, 2012
Serial: HNP-12-113

Ms. Elizabeth Werner
North Carolina Department of Environment
and Natural Resources
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Subject: Progress Energy Carolinas, Inc., a direct subsidiary of Duke Energy Corporation
Shearon Harris Nuclear Power Plant
Solid Waste Permit No. 92-10
Groundwater Monitoring Data

Dear Ms. Werner:

In accordance with Solid Waste Permit No. 92-10 and Post Closure Condition 8.b, for the Harris Nuclear Plant sanitary landfill, enclosed are the results of the second semi-annual sampling of the groundwater monitoring wells for 2012.

If you have any questions or need further information, please contact Mr. Bob Wilson at (919) 362-2444.

Sincerely,

EJK/mgw

Enclosure

Ms. Elizabeth Werner
SERIAL: HNP-12-113

Enclosure

Laboratory and Field Results

(47 pages attached)

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, October 25, 2012

Progress Energy Carolinas (PR015)

Attn: Robert T. Wilson

5413 Shearon Harris Road

New Hill, NC 27562

RE: Laboratory Results for
Project Number: Permit #92-10, Project Name/Desc: Harris Nuclear Plant Landfill
ENCO Workorder(s): C212065

Dear Robert T. Wilson,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, October 11, 2012.

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.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. 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. Unless otherwise noted, all analyses were performed at ENCO Cary. 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,

Stephanie Franz
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 37.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: W #1 | **Lab ID: C212065-01** | **Sampled: 10/11/12 09:05** | **Received: 10/11/12 09:59**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	11/08/12	10/22/12 10:03	10/23/2012 05:15
EPA 6010C	04/09/13	10/15/12 15:51	10/17/2012 14:22
EPA 7470A	11/08/12	10/16/12 10:36	10/16/2012 16:34
EPA 8260B	10/25/12	10/23/12 13:07	10/24/2012 13:20

Client ID: W #2 | **Lab ID: C212065-02** | **Sampled: 10/11/12 08:15** | **Received: 10/11/12 09:59**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	11/08/12	10/22/12 10:03	10/23/2012 05:31
EPA 6010C	04/09/13	10/15/12 15:51	10/17/2012 14:24
EPA 7470A	11/08/12	10/16/12 10:36	10/16/2012 16:36
EPA 8260B	10/25/12	10/23/12 11:46	10/23/2012 18:31

Client ID: W #3 | **Lab ID: C212065-03** | **Sampled: 10/11/12 08:00** | **Received: 10/11/12 09:59**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	11/08/12	10/22/12 10:03	10/23/2012 05:46
EPA 6010C	04/09/13	10/15/12 15:51	10/17/2012 14:26
EPA 7470A	11/08/12	10/16/12 10:36	10/16/2012 16:38
EPA 8260B	10/25/12	10/23/12 11:46	10/23/2012 19:01

Client ID: W #6 | **Lab ID: C212065-04** | **Sampled: 10/11/12 08:40** | **Received: 10/11/12 09:59**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	11/08/12	10/22/12 10:03	10/23/2012 06:02
EPA 6010C	04/09/13	10/15/12 15:51	10/17/2012 14:29
EPA 7470A	11/08/12	10/16/12 10:36	10/16/2012 16:41
EPA 8260B	10/25/12	10/23/12 11:46	10/23/2012 19:30

Client ID: W #7 | **Lab ID: C212065-05** | **Sampled: 10/11/12 08:25** | **Received: 10/11/12 09:59**

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 300.0	11/08/12	10/22/12 10:03	10/23/2012 06:17
EPA 6010C	04/09/13	10/15/12 15:51	10/17/2012 14:31
EPA 7470A	11/08/12	10/16/12 10:36	10/16/2012 16:43
EPA 8260B	10/25/12	10/23/12 11:46	10/23/2012 20:00

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NORTH CAROLINA SWS SAMPLE DETECTION SUMMARY

Client ID: W #1 **Lab ID: C212065-01**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	43		1	0.13	1.0	5	ug/L	EPA 8260B	
1,1-Dichloroethene	3.2	J	1	0.21	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	1.2		1	0.19	1.0	1	ug/L	EPA 8260B	
Barium - Total	130		1	1.00	10.0	100	ug/L	EPA 6010C	
Chloroethane	2.2	J	1	0.23	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	1.3	J	1	0.15	1.0	5	ug/L	EPA 8260B	
Lead - Total	1.96	J	1	1.90	10.0	10	ug/L	EPA 6010C	
Sulfate as SO4	2900	J	1	40	5000	250000	ug/L	EPA 300.0	
Trichloroethene	2.6		1	0.15	1.0	1	ug/L	EPA 8260B	

Client ID: W #2 **Lab ID: C212065-02**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	4.8	J	1	0.13	1.0	5	ug/L	EPA 8260B	
1,1-Dichloroethene	0.50	J	1	0.21	1.0	5	ug/L	EPA 8260B	
1,4-Dichlorobenzene	0.91	J	1	0.19	1.0	1	ug/L	EPA 8260B	
Barium - Total	82.7	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chlorobenzene	0.49	J	1	0.17	1.0	3	ug/L	EPA 8260B	
Sulfate as SO4	4900	J	1	40	5000	250000	ug/L	EPA 300.0	

Client ID: W #3 **Lab ID: C212065-03**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	191		1	1.00	10.0	100	ug/L	EPA 6010C	
Sulfate as SO4	4400	J	1	40	5000	250000	ug/L	EPA 300.0	

Client ID: W #6 **Lab ID: C212065-04**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
Barium - Total	349		1	1.00	10.0	100	ug/L	EPA 6010C	
Sulfate as SO4	4900	J	1	40	5000	250000	ug/L	EPA 300.0	

Client ID: W #7 **Lab ID: C212065-05**

Analyte	Results	Flag	DF	MDL	MRL	NC SWSL	Units	Method	Notes
1,1-Dichloroethane	12		1	0.13	1.0	5	ug/L	EPA 8260B	
1,1-Dichloroethene	0.64	J	1	0.21	1.0	5	ug/L	EPA 8260B	
Barium - Total	48.7	J	1	1.00	10.0	100	ug/L	EPA 6010C	
Chloroethane	2.4	J	1	0.23	1.0	10	ug/L	EPA 8260B	
cis-1,2-Dichloroethene	3.0	J	1	0.15	1.0	5	ug/L	EPA 8260B	
Sulfate as SO4	2900	J	1	40	5000	250000	ug/L	EPA 300.0	
Vinyl chloride	0.64	J	1	0.32	1.0	1	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description: W #1
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-01
Sampled: 10/11/12 09:05
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	10/24/12 13:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,1-Dichloroethane [75-34-3] ^	**43**		ug/L	1	0.13	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
1,1-Dichloroethene [75-35-4] ^	**3.2**	J	ug/L	1	0.21	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	10/24/12 13:20	JKG	
1,2-Dibromoethane [106-93-4] ^	0.66	U	ug/L	1	0.66	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.19	U	ug/L	1	0.19	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
1,2-Dichloroethane [107-06-2] ^	0.21	U	ug/L	1	0.21	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,2-Dichloropropane [78-87-5] ^	0.10	U	ug/L	1	0.10	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**1.2**		ug/L	1	0.19	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
2-Butanone [78-93-3] ^	1.3	U	ug/L	1	1.3	5.0	100	EPA 8260B	10/24/12 13:20	JKG	
2-Hexanone [591-78-6] ^	0.88	U	ug/L	1	0.88	5.0	50	EPA 8260B	10/24/12 13:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	10/24/12 13:20	JKG	
Acetone [67-64-1] ^	1.2	U	ug/L	1	1.2	5.0	100	EPA 8260B	10/24/12 13:20	JKG	
Acrylonitrile [107-13-1] ^	3.5	U	ug/L	1	3.5	10	200	EPA 8260B	10/24/12 13:20	JKG	
Benzene [71-43-2] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Bromochloromethane [74-97-5] ^	0.48	U	ug/L	1	0.48	1.0	3	EPA 8260B	10/24/12 13:20	JKG	
Bromodichloromethane [75-27-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	3	EPA 8260B	10/24/12 13:20	JKG	
Bromomethane [74-83-9] ^	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	10/24/12 13:20	JKG	
Carbon disulfide [75-15-0] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	10/24/12 13:20	JKG	
Carbon tetrachloride [56-23-5] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Chlorobenzene [108-90-7] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/24/12 13:20	JKG	
Chloroethane [75-00-3] ^	**2.2**	J	ug/L	1	0.23	1.0	10	EPA 8260B	10/24/12 13:20	JKG	
Chloroform [67-66-3] ^	0.18	U	ug/L	1	0.18	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
Chloromethane [74-87-3] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**1.3**	J	ug/L	1	0.15	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Dibromochloromethane [124-48-1] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/24/12 13:20	JKG	
Dibromomethane [74-95-3] ^	0.27	U	ug/L	1	0.27	1.0	10	EPA 8260B	10/24/12 13:20	JKG	
Ethylbenzene [100-41-4] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Iodomethane [74-88-4] ^	1.7	U	ug/L	1	1.7	5.0	10	EPA 8260B	10/24/12 13:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.17	U	ug/L	1	0.17	2.0	NE	EPA 8260B	10/24/12 13:20	JKG	
Methylene chloride [75-09-2] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
o-Xylene [95-47-6] ^	0.065	U	ug/L	1	0.065	1.0	NE	EPA 8260B	10/24/12 13:20	JKG	
Styrene [100-42-5] ^	0.11	U	ug/L	1	0.11	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Tetrachloroethene [127-18-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Toluene [108-88-3] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/24/12 13:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/24/12 13:20	JKG	

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Description: W #1
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-01
Sampled: 10/11/12 09:05
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.70	U	ug/L	1	0.70	1.0	100	EPA 8260B	10/24/12 13:20	JKG	
Trichloroethene [79-01-6] ^	**2.6**		ug/L	1	0.15	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Trichlorofluoromethane [75-69-4] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Vinyl acetate [108-05-4] ^	0.95	U	ug/L	1	0.95	5.0	50	EPA 8260B	10/24/12 13:20	JKG	
Vinyl chloride [75-01-4] ^	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	10/24/12 13:20	JKG	
Xylenes (Total) [1330-20-7] ^	0.45	U	ug/L	1	0.45	3.0	5	EPA 8260B	10/24/12 13:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*89 %*	*51-122*	*2J23020*	*EPA 8260B*	*10/24/12 13:20*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*68-117*	*2J23020*	*EPA 8260B*	*10/24/12 13:20*	*JKG*	
Toluene-d8	*43*	*1*	*50.0*	*87 %*	*67-127*	*2J23020*	*EPA 8260B*	*10/24/12 13:20*	*JKG*	

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Description: W #1
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-01
Sampled: 10/11/12 09:05
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	10/16/12 16:34	T1D	

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Description: W #1
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-01
Sampled: 10/11/12 09:05
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	10/17/12 14:22	JDH	
Barium [7440-39-3] ^	**130**		ug/L	1	1.00	10.0	100	EPA 6010C	10/17/12 14:22	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	10/17/12 14:22	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	10/17/12 14:22	JDH	
Lead [7439-92-1] ^	**1.96**	J	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:22	JDH	
Selenium [7782-49-2] ^	4.50	U	ug/L	1	4.50	10.0	10	EPA 6010C	10/17/12 14:22	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:22	JDH	

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Description: W #1
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-01
Sampled: 10/11/12 09:05
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate as SO4 [14808-79-8] ^	**2900**	J	ug/L	1	40	5000	250000	EPA 300.0	10/23/12 05:15	AJB	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: W #2
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-02
Sampled: 10/11/12 08:15
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	10/23/12 18:31	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,1-Dichloroethane [75-34-3] ^	**4.8**	J	ug/L	1	0.13	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
1,1-Dichloroethene [75-35-4] ^	**0.50**	J	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	10/23/12 18:31	JKG	
1,2-Dibromoethane [106-93-4] ^	0.66	U	ug/L	1	0.66	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.19	U	ug/L	1	0.19	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
1,2-Dichloroethane [107-06-2] ^	0.21	U	ug/L	1	0.21	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,2-Dichloropropane [78-87-5] ^	0.10	U	ug/L	1	0.10	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
1,4-Dichlorobenzene [106-46-7] ^	**0.91**	J	ug/L	1	0.19	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
2-Butanone [78-93-3] ^	1.3	U	ug/L	1	1.3	5.0	100	EPA 8260B	10/23/12 18:31	JKG	
2-Hexanone [591-78-6] ^	0.88	U	ug/L	1	0.88	5.0	50	EPA 8260B	10/23/12 18:31	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	10/23/12 18:31	JKG	
Acetone [67-64-1] ^	1.2	U	ug/L	1	1.2	5.0	100	EPA 8260B	10/23/12 18:31	JKG	
Acrylonitrile [107-13-1] ^	3.5	U	ug/L	1	3.5	10	200	EPA 8260B	10/23/12 18:31	JKG	
Benzene [71-43-2] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Bromochloromethane [74-97-5] ^	0.48	U	ug/L	1	0.48	1.0	3	EPA 8260B	10/23/12 18:31	JKG	
Bromodichloromethane [75-27-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	3	EPA 8260B	10/23/12 18:31	JKG	
Bromomethane [74-83-9] ^	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	10/23/12 18:31	JKG	
Carbon disulfide [75-15-0] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	10/23/12 18:31	JKG	
Carbon tetrachloride [56-23-5] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Chlorobenzene [108-90-7] ^	**0.49**	J	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 18:31	JKG	
Chloroethane [75-00-3] ^	0.23	U	ug/L	1	0.23	1.0	10	EPA 8260B	10/23/12 18:31	JKG	
Chloroform [67-66-3] ^	0.18	U	ug/L	1	0.18	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
Chloromethane [74-87-3] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.15	U	ug/L	1	0.15	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Dibromochloromethane [124-48-1] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 18:31	JKG	
Dibromomethane [74-95-3] ^	0.27	U	ug/L	1	0.27	1.0	10	EPA 8260B	10/23/12 18:31	JKG	
Ethylbenzene [100-41-4] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Iodomethane [74-88-4] ^	1.7	U	ug/L	1	1.7	5.0	10	EPA 8260B	10/23/12 18:31	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.17	U	ug/L	1	0.17	2.0	NE	EPA 8260B	10/23/12 18:31	JKG	
Methylene chloride [75-09-2] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
o-Xylene [95-47-6] ^	0.065	U	ug/L	1	0.065	1.0	NE	EPA 8260B	10/23/12 18:31	JKG	
Styrene [100-42-5] ^	0.11	U	ug/L	1	0.11	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Tetrachloroethene [127-18-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Toluene [108-88-3] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 18:31	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.70	U	ug/L	1	0.70	1.0	100	EPA 8260B	10/23/12 18:31	JKG	
Trichloroethene [79-01-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Trichlorofluoromethane [75-69-4] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	10/23/12 18:31	JKG	

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Description: W #2
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-02
Sampled: 10/11/12 08:15
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.95	U	ug/L	1	0.95	5.0	50	EPA 8260B	10/23/12 18:31	JKG	
Vinyl chloride [75-01-4] ^	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	10/23/12 18:31	JKG	
Xylenes (Total) [1330-20-7] ^	0.45	U	ug/L	1	0.45	3.0	5	EPA 8260B	10/23/12 18:31	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*51-122*	*2J23015*	*EPA 8260B*	*10/23/12 18:31*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*68-117*	*2J23015*	*EPA 8260B*	*10/23/12 18:31*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*67-127*	*2J23015*	*EPA 8260B*	*10/23/12 18:31*	*JKG*	

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Description: W #2
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-02
Sampled: 10/11/12 08:15
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	10/16/12 16:36	T1D	

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Description: W #2
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-02
Sampled: 10/11/12 08:15
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	10/17/12 14:24	JDH	
Barium [7440-39-3] ^	**82.7**	J	ug/L	1	1.00	10.0	100	EPA 6010C	10/17/12 14:24	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	10/17/12 14:24	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	10/17/12 14:24	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:24	JDH	
Selenium [7782-49-2] ^	4.50	U	ug/L	1	4.50	10.0	10	EPA 6010C	10/17/12 14:24	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:24	JDH	

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Description: W #2
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-02
Sampled: 10/11/12 08:15
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate as SO4 [14808-79-8] ^	**4900**	J	ug/L	1	40	5000	250000	EPA 300.0	10/23/12 05:31	AJB	

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Description: W #3
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-03
Sampled: 10/11/12 08:00
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	10/23/12 19:01	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,1-Dichloroethane [75-34-3] ^	0.13	U	ug/L	1	0.13	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
1,1-Dichloroethene [75-35-4] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	10/23/12 19:01	JKG	
1,2-Dibromoethane [106-93-4] ^	0.66	U	ug/L	1	0.66	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.19	U	ug/L	1	0.19	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
1,2-Dichloroethane [107-06-2] ^	0.21	U	ug/L	1	0.21	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,2-Dichloropropane [78-87-5] ^	0.10	U	ug/L	1	0.10	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
2-Butanone [78-93-3] ^	1.3	U	ug/L	1	1.3	5.0	100	EPA 8260B	10/23/12 19:01	JKG	
2-Hexanone [591-78-6] ^	0.88	U	ug/L	1	0.88	5.0	50	EPA 8260B	10/23/12 19:01	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	10/23/12 19:01	JKG	
Acetone [67-64-1] ^	1.2	U	ug/L	1	1.2	5.0	100	EPA 8260B	10/23/12 19:01	JKG	
Acrylonitrile [107-13-1] ^	3.5	U	ug/L	1	3.5	10	200	EPA 8260B	10/23/12 19:01	JKG	
Benzene [71-43-2] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Bromochloromethane [74-97-5] ^	0.48	U	ug/L	1	0.48	1.0	3	EPA 8260B	10/23/12 19:01	JKG	
Bromodichloromethane [75-27-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	3	EPA 8260B	10/23/12 19:01	JKG	
Bromomethane [74-83-9] ^	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	10/23/12 19:01	JKG	
Carbon disulfide [75-15-0] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	10/23/12 19:01	JKG	
Carbon tetrachloride [56-23-5] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Chlorobenzene [108-90-7] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 19:01	JKG	
Chloroethane [75-00-3] ^	0.23	U	ug/L	1	0.23	1.0	10	EPA 8260B	10/23/12 19:01	JKG	
Chloroform [67-66-3] ^	0.18	U	ug/L	1	0.18	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
Chloromethane [74-87-3] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.15	U	ug/L	1	0.15	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Dibromochloromethane [124-48-1] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 19:01	JKG	
Dibromomethane [74-95-3] ^	0.27	U	ug/L	1	0.27	1.0	10	EPA 8260B	10/23/12 19:01	JKG	
Ethylbenzene [100-41-4] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Iodomethane [74-88-4] ^	1.7	U	ug/L	1	1.7	5.0	10	EPA 8260B	10/23/12 19:01	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.17	U	ug/L	1	0.17	2.0	NE	EPA 8260B	10/23/12 19:01	JKG	
Methylene chloride [75-09-2] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
o-Xylene [95-47-6] ^	0.065	U	ug/L	1	0.065	1.0	NE	EPA 8260B	10/23/12 19:01	JKG	
Styrene [100-42-5] ^	0.11	U	ug/L	1	0.11	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Tetrachloroethene [127-18-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Toluene [108-88-3] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 19:01	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.70	U	ug/L	1	0.70	1.0	100	EPA 8260B	10/23/12 19:01	JKG	
Trichloroethene [79-01-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Trichlorofluoromethane [75-69-4] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	10/23/12 19:01	JKG	

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Description: W #3
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-03
Sampled: 10/11/12 08:00
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.95	U	ug/L	1	0.95	5.0	50	EPA 8260B	10/23/12 19:01	JKG	
Vinyl chloride [75-01-4] ^	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	10/23/12 19:01	JKG	
Xylenes (Total) [1330-20-7] ^	0.45	U	ug/L	1	0.45	3.0	5	EPA 8260B	10/23/12 19:01	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*51-122*	*2J23015*	*EPA 8260B*	*10/23/12 19:01*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*89 %*	*68-117*	*2J23015*	*EPA 8260B*	*10/23/12 19:01*	*JKG*	
Toluene-d8	*41*	*1*	*50.0*	*83 %*	*67-127*	*2J23015*	*EPA 8260B*	*10/23/12 19:01*	*JKG*	

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Description: W #3
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-03
Sampled: 10/11/12 08:00
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	10/16/12 16:38	T1D	

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Description: W #3
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-03
Sampled: 10/11/12 08:00
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	10/17/12 14:26	JDH	
Barium [7440-39-3] ^	**191**		ug/L	1	1.00	10.0	100	EPA 6010C	10/17/12 14:26	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	10/17/12 14:26	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	10/17/12 14:26	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:26	JDH	
Selenium [7782-49-2] ^	4.50	U	ug/L	1	4.50	10.0	10	EPA 6010C	10/17/12 14:26	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:26	JDH	

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Description: W #3
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-03
Sampled: 10/11/12 08:00
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate as SO4 [14808-79-8] ^	**4400**	J	ug/L	1	40	5000	250000	EPA 300.0	10/23/12 05:46	AJB	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: W #6
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-04
Sampled: 10/11/12 08:40
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	10/23/12 19:30	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,1-Dichloroethane [75-34-3] ^	0.13	U	ug/L	1	0.13	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
1,1-Dichloroethene [75-35-4] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	10/23/12 19:30	JKG	
1,2-Dibromoethane [106-93-4] ^	0.66	U	ug/L	1	0.66	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.19	U	ug/L	1	0.19	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
1,2-Dichloroethane [107-06-2] ^	0.21	U	ug/L	1	0.21	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,2-Dichloropropane [78-87-5] ^	0.10	U	ug/L	1	0.10	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
2-Butanone [78-93-3] ^	1.3	U	ug/L	1	1.3	5.0	100	EPA 8260B	10/23/12 19:30	JKG	
2-Hexanone [591-78-6] ^	0.88	U	ug/L	1	0.88	5.0	50	EPA 8260B	10/23/12 19:30	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	10/23/12 19:30	JKG	
Acetone [67-64-1] ^	1.2	U	ug/L	1	1.2	5.0	100	EPA 8260B	10/23/12 19:30	JKG	
Acrylonitrile [107-13-1] ^	3.5	U	ug/L	1	3.5	10	200	EPA 8260B	10/23/12 19:30	JKG	
Benzene [71-43-2] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Bromochloromethane [74-97-5] ^	0.48	U	ug/L	1	0.48	1.0	3	EPA 8260B	10/23/12 19:30	JKG	
Bromodichloromethane [75-27-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	3	EPA 8260B	10/23/12 19:30	JKG	
Bromomethane [74-83-9] ^	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	10/23/12 19:30	JKG	
Carbon disulfide [75-15-0] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	10/23/12 19:30	JKG	
Carbon tetrachloride [56-23-5] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Chlorobenzene [108-90-7] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 19:30	JKG	
Chloroethane [75-00-3] ^	0.23	U	ug/L	1	0.23	1.0	10	EPA 8260B	10/23/12 19:30	JKG	
Chloroform [67-66-3] ^	0.18	U	ug/L	1	0.18	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
Chloromethane [74-87-3] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.15	U	ug/L	1	0.15	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Dibromochloromethane [124-48-1] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 19:30	JKG	
Dibromomethane [74-95-3] ^	0.27	U	ug/L	1	0.27	1.0	10	EPA 8260B	10/23/12 19:30	JKG	
Ethylbenzene [100-41-4] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Iodomethane [74-88-4] ^	1.7	U	ug/L	1	1.7	5.0	10	EPA 8260B	10/23/12 19:30	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.17	U	ug/L	1	0.17	2.0	NE	EPA 8260B	10/23/12 19:30	JKG	
Methylene chloride [75-09-2] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
o-Xylene [95-47-6] ^	0.065	U	ug/L	1	0.065	1.0	NE	EPA 8260B	10/23/12 19:30	JKG	
Styrene [100-42-5] ^	0.11	U	ug/L	1	0.11	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Tetrachloroethene [127-18-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Toluene [108-88-3] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 19:30	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.70	U	ug/L	1	0.70	1.0	100	EPA 8260B	10/23/12 19:30	JKG	
Trichloroethene [79-01-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Trichlorofluoromethane [75-69-4] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	10/23/12 19:30	JKG	

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Description: W #6
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-04
Sampled: 10/11/12 08:40
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.95	U	ug/L	1	0.95	5.0	50	EPA 8260B	10/23/12 19:30	JKG	
Vinyl chloride [75-01-4] ^	0.32	U	ug/L	1	0.32	1.0	1	EPA 8260B	10/23/12 19:30	JKG	
Xylenes (Total) [1330-20-7] ^	0.45	U	ug/L	1	0.45	3.0	5	EPA 8260B	10/23/12 19:30	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*51-122*	*2J23015*	*EPA 8260B*	*10/23/12 19:30*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*68-117*	*2J23015*	*EPA 8260B*	*10/23/12 19:30*	*JKG*	
Toluene-d8	*43*	*1*	*50.0*	*86 %*	*67-127*	*2J23015*	*EPA 8260B*	*10/23/12 19:30*	*JKG*	

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Description: W #6
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-04
Sampled: 10/11/12 08:40
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	10/16/12 16:41	T1D	

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Description: W #6
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-04
Sampled: 10/11/12 08:40
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	10/17/12 14:29	JDH	
Barium [7440-39-3] ^	**349**		ug/L	1	1.00	10.0	100	EPA 6010C	10/17/12 14:29	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	10/17/12 14:29	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	10/17/12 14:29	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:29	JDH	
Selenium [7782-49-2] ^	4.50	U	ug/L	1	4.50	10.0	10	EPA 6010C	10/17/12 14:29	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:29	JDH	

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Description: W #6
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-04
Sampled: 10/11/12 08:40
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate as SO4 [14808-79-8] ^	**4900**	J	ug/L	1	40	5000	250000	EPA 300.0	10/23/12 06:02	AJB	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: W #7
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-05
Sampled: 10/11/12 08:25
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.17	U	ug/L	1	0.17	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.12	U	ug/L	1	0.12	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.28	U	ug/L	1	0.28	1.0	3	EPA 8260B	10/23/12 20:00	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,1-Dichloroethane [75-34-3] ^	**12**		ug/L	1	0.13	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
1,1-Dichloroethene [75-35-4] ^	**0.64**	J	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	13	EPA 8260B	10/23/12 20:00	JKG	
1,2-Dibromoethane [106-93-4] ^	0.66	U	ug/L	1	0.66	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.19	U	ug/L	1	0.19	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
1,2-Dichloroethane [107-06-2] ^	0.21	U	ug/L	1	0.21	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,2-Dichloropropane [78-87-5] ^	0.10	U	ug/L	1	0.10	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.19	U	ug/L	1	0.19	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
2-Butanone [78-93-3] ^	1.3	U	ug/L	1	1.3	5.0	100	EPA 8260B	10/23/12 20:00	JKG	
2-Hexanone [591-78-6] ^	0.88	U	ug/L	1	0.88	5.0	50	EPA 8260B	10/23/12 20:00	JKG	
4-Methyl-2-pentanone [108-10-1] ^	1.1	U	ug/L	1	1.1	5.0	100	EPA 8260B	10/23/12 20:00	JKG	
Acetone [67-64-1] ^	1.2	U	ug/L	1	1.2	5.0	100	EPA 8260B	10/23/12 20:00	JKG	
Acrylonitrile [107-13-1] ^	3.5	U	ug/L	1	3.5	10	200	EPA 8260B	10/23/12 20:00	JKG	
Benzene [71-43-2] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Bromochloromethane [74-97-5] ^	0.48	U	ug/L	1	0.48	1.0	3	EPA 8260B	10/23/12 20:00	JKG	
Bromodichloromethane [75-27-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Bromoform [75-25-2] ^	0.22	U	ug/L	1	0.22	1.0	3	EPA 8260B	10/23/12 20:00	JKG	
Bromomethane [74-83-9] ^	0.14	U	ug/L	1	0.14	1.0	10	EPA 8260B	10/23/12 20:00	JKG	
Carbon disulfide [75-15-0] ^	1.5	U	ug/L	1	1.5	5.0	100	EPA 8260B	10/23/12 20:00	JKG	
Carbon tetrachloride [56-23-5] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Chlorobenzene [108-90-7] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 20:00	JKG	
Chloroethane [75-00-3] ^	**2.4**	J	ug/L	1	0.23	1.0	10	EPA 8260B	10/23/12 20:00	JKG	
Chloroform [67-66-3] ^	0.18	U	ug/L	1	0.18	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
Chloromethane [74-87-3] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**3.0**	J	ug/L	1	0.15	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.20	U	ug/L	1	0.20	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Dibromochloromethane [124-48-1] ^	0.17	U	ug/L	1	0.17	1.0	3	EPA 8260B	10/23/12 20:00	JKG	
Dibromomethane [74-95-3] ^	0.27	U	ug/L	1	0.27	1.0	10	EPA 8260B	10/23/12 20:00	JKG	
Ethylbenzene [100-41-4] ^	0.13	U	ug/L	1	0.13	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Iodomethane [74-88-4] ^	1.7	U	ug/L	1	1.7	5.0	10	EPA 8260B	10/23/12 20:00	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.17	U	ug/L	1	0.17	2.0	NE	EPA 8260B	10/23/12 20:00	JKG	
Methylene chloride [75-09-2] ^	0.23	U	ug/L	1	0.23	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
o-Xylene [95-47-6] ^	0.065	U	ug/L	1	0.065	1.0	NE	EPA 8260B	10/23/12 20:00	JKG	
Styrene [100-42-5] ^	0.11	U	ug/L	1	0.11	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Tetrachloroethene [127-18-4] ^	0.17	U	ug/L	1	0.17	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Toluene [108-88-3] ^	0.14	U	ug/L	1	0.14	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.21	U	ug/L	1	0.21	1.0	5	EPA 8260B	10/23/12 20:00	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
trans-1,4-Dichloro-2-butene [110-57-6] ^	0.70	U	ug/L	1	0.70	1.0	100	EPA 8260B	10/23/12 20:00	JKG	
Trichloroethene [79-01-6] ^	0.15	U	ug/L	1	0.15	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Trichlorofluoromethane [75-69-4] ^	0.24	U	ug/L	1	0.24	1.0	1	EPA 8260B	10/23/12 20:00	JKG	

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Description: W #7
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-05
Sampled: 10/11/12 08:25
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Vinyl acetate [108-05-4] ^	0.95	U	ug/L	1	0.95	5.0	50	EPA 8260B	10/23/12 20:00	JKG	
Vinyl chloride [75-01-4] ^	**0.64**	J	ug/L	1	0.32	1.0	1	EPA 8260B	10/23/12 20:00	JKG	
Xylenes (Total) [1330-20-7] ^	0.45	U	ug/L	1	0.45	3.0	5	EPA 8260B	10/23/12 20:00	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*51-122*	*2J23015*	*EPA 8260B*	*10/23/12 20:00*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*2J23015*	*EPA 8260B*	*10/23/12 20:00*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*85 %*	*67-127*	*2J23015*	*EPA 8260B*	*10/23/12 20:00*	*JKG*	

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Description: W #7
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-05
Sampled: 10/11/12 08:25
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Mercury [7439-97-6] ^	0.170	U	ug/L	1	0.170	0.200	0.2	EPA 7470A	10/16/12 16:43	T1D	

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Description: W #7
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-05
Sampled: 10/11/12 08:25
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	2.80	U	ug/L	1	2.80	10.0	10	EPA 6010C	10/17/12 14:31	JDH	
Barium [7440-39-3] ^	**48.7**	J	ug/L	1	1.00	10.0	100	EPA 6010C	10/17/12 14:31	JDH	
Cadmium [7440-43-9] ^	0.360	U	ug/L	1	0.360	1.00	1	EPA 6010C	10/17/12 14:31	JDH	
Chromium [7440-47-3] ^	1.00	U	ug/L	1	1.00	10.0	10	EPA 6010C	10/17/12 14:31	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:31	JDH	
Selenium [7782-49-2] ^	4.50	U	ug/L	1	4.50	10.0	10	EPA 6010C	10/17/12 14:31	JDH	
Silver [7440-22-4] ^	1.90	U	ug/L	1	1.90	10.0	10	EPA 6010C	10/17/12 14:31	JDH	

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Description: W #7
Matrix: Ground Water
Project: Harris Nuclear Plant Landfill

Lab Sample ID: C212065-05
Sampled: 10/11/12 08:25
Sampled By: Jack Sherrill

Received: 10/11/12 09:59
Work Order: C212065

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	NC SWSL	Method	Analyzed	By	Notes
Sulfate as SO4 [14808-79-8] ^	**2900**	J	ug/L	1	40	5000	250000	EPA 300.0	10/23/12 06:17	AJB	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2J23015 - EPA 5030B_MS

Blank (2J23015-BLK1) Prepared: 10/23/2012 11:46 Analyzed: 10/23/2012 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Acrylonitrile	3.5	U	10	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Iodomethane	1.7	U	5.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.70	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl acetate	0.95	U	5.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2J23015 - EPA 5030B_MS

Blank (2J23015-BLK1) Continued Prepared: 10/23/2012 11:46 Analyzed: 10/23/2012 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*93*	*51-122*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*93*	*68-117*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*84*	*67-127*			

LCS (2J23015-BS1) Prepared: 10/23/2012 11:46 Analyzed: 10/23/2012 15:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		94	75-133			
Benzene	18		1.0	ug/L	20.0		92	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		102	83-117			
Toluene	21		1.0	ug/L	20.0		106	71-118			
Trichloroethene	21		1.0	ug/L	20.0		104	74-119			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*51-122*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*86*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*67-127*			

Matrix Spike (2J23015-MS1) Prepared: 10/23/2012 11:46 Analyzed: 10/23/2012 16:02

Source: C212478-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	91	75-133			
Benzene	18		1.0	ug/L	20.0	0.15 U	90	81-134			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	83-117			
Toluene	21		1.0	ug/L	20.0	0.14 U	103	71-118			
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	103	74-119			
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*67-127*			

Matrix Spike Dup (2J23015-MSD1) Prepared: 10/23/2012 11:46 Analyzed: 10/23/2012 16:32

Source: C212478-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	91	75-133	0.3	20	
Benzene	18		1.0	ug/L	20.0	0.15 U	90	81-134	0.2	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	83-117	1	16	
Toluene	20		1.0	ug/L	20.0	0.14 U	101	71-118	2	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	101	74-119	3	22	
Surrogate: 4-Bromofluorobenzene	*48*			*ug/L*	*50.0*		*96*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*91*	*67-127*			

Batch 2J23020 - EPA 5030B_MS

Blank (2J23020-BLK1) Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 03:55

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2J23020 - EPA 5030B_MS

Blank (2J23020-BLK1) Continued Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 03:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	1.2	U	5.0	ug/L							
Acrylonitrile	3.5	U	10	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Iodomethane	1.7	U	5.0	ug/L							
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	0.70	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl acetate	0.95	U	5.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2J23020 - EPA 5030B_MS

Blank (2J23020-BLK1) Continued Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 03:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*51-122*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*68-117*			
Surrogate: Toluene-d8	*42*			*ug/L*	*50.0*		*83*	*67-127*			

LCS (2J23020-BS1) Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 04:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		92	75-133			
Benzene	17		1.0	ug/L	20.0		85	81-134			
Chlorobenzene	19		1.0	ug/L	20.0		93	83-117			
Toluene	19		1.0	ug/L	20.0		96	71-118			
Trichloroethene	19		1.0	ug/L	20.0		93	74-119			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*93*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*82*	*68-117*			
Surrogate: Toluene-d8	*43*			*ug/L*	*50.0*		*86*	*67-127*			

Matrix Spike (2J23020-MS1) Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 04:55

Source: C212509-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.21 U	95	75-133			
Benzene	18		1.0	ug/L	20.0	0.15 U	90	81-134			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	83-117			
Toluene	21		1.0	ug/L	20.0	0.14 U	105	71-118			
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	104	74-119			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*51-122*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*81*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*88*	*67-127*			

Matrix Spike Dup (2J23020-MSD1) Prepared: 10/23/2012 13:07 Analyzed: 10/24/2012 05:25

Source: C212509-04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.21 U	98	75-133	3	20	
Benzene	18		1.0	ug/L	20.0	0.15 U	89	81-134	1	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	83-117	2	16	
Toluene	21		1.0	ug/L	20.0	0.14 U	105	71-118	0.2	17	
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	103	74-119	1	22	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*51-122*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*68-117*			
Surrogate: Toluene-d8	*44*			*ug/L*	*50.0*		*87*	*67-127*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2J16016 - EPA 7470A

Blank (2J16016-BLK1) Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:08

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 2J16016 - EPA 7470A

Blank (2J16016-BLK1) Continued Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.170	U	0.200	ug/L							

LCS (2J16016-BS1) Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.06		0.200	ug/L	5.00		101	80-120			

Matrix Spike (2J16016-MS1) Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:15

Source: C210454-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.23		0.200	ug/L	5.00	0.170 U	105	75-125			

Matrix Spike Dup (2J16016-MSD1) Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:17

Source: C210454-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.20		0.200	ug/L	5.00	0.170 U	104	75-125	0.6	25	

Post Spike (2J16016-PS1) Prepared: 10/16/2012 10:36 Analyzed: 10/16/2012 16:19

Source: C210454-03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	4.45		0.200	ug/L	5.00	-0.0300	90	75-125			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 2J15044 - EPA 3005A

Blank (2J15044-BLK1) Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 13:40

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	2.80	U	10.0	ug/L							
Barium	1.00	U	10.0	ug/L							
Cadmium	0.360	U	1.00	ug/L							
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							
Selenium	4.50	U	10.0	ug/L							
Silver	1.90	U	10.0	ug/L							

LCS (2J15044-BS1) Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 13:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	200		10.0	ug/L	200		100	80-120			
Barium	211		10.0	ug/L	200		105	80-120			
Cadmium	21.4		1.00	ug/L	20.0		107	80-120			
Chromium	204		10.0	ug/L	200		102	80-120			

QUALITY CONTROL

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 2J15044 - EPA 3005A

LCS (2J15044-BS1) Continued Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 13:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Lead	208		10.0	ug/L	200		104	80-120			
Selenium	200		10.0	ug/L	200		100	80-120			
Silver	213		10.0	ug/L	200		106	80-120			

Matrix Spike (2J15044-MS1) Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 13:56

Source: C212163-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	225		10.0	ug/L	200	21.6	102	75-125			
Barium	240		10.0	ug/L	200	39.7	100	75-125			
Cadmium	17.8		1.00	ug/L	20.0	0.360 U	89	75-125			
Chromium	205		10.0	ug/L	200	1.00 U	102	75-125			
Lead	212		10.0	ug/L	200	2.89	104	75-125			
Selenium	203		10.0	ug/L	200	4.50 U	102	75-125			
Silver	216		10.0	ug/L	200	2.66	107	75-125			

Matrix Spike Dup (2J15044-MSD1) Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 13:59

Source: C212163-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	226		10.0	ug/L	200	21.6	102	75-125	0.3	20	
Barium	241		10.0	ug/L	200	39.7	101	75-125	0.5	20	
Cadmium	16.8		1.00	ug/L	20.0	0.360 U	84	75-125	6	20	
Chromium	206		10.0	ug/L	200	1.00 U	103	75-125	0.7	20	
Lead	208		10.0	ug/L	200	2.89	102	75-125	2	20	
Selenium	205		10.0	ug/L	200	4.50 U	103	75-125	0.9	20	
Silver	217		10.0	ug/L	200	2.66	107	75-125	0.3	20	

Post Spike (2J15044-PS1) Prepared: 10/15/2012 15:51 Analyzed: 10/17/2012 14:01

Source: C212163-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.213		0.0100	mg/L	0.200	0.0216	96	80-120			
Barium	0.229		0.0100	mg/L	0.200	0.0397	94	80-120			
Cadmium	0.0169		0.00100	mg/L	0.0200	-0.00122	91	80-120			
Chromium	0.191		0.0100	mg/L	0.200	0.000729	95	80-120			
Lead	0.195		0.0100	mg/L	0.200	0.00289	96	80-120			
Selenium	0.194		0.0100	mg/L	0.200	-0.00381	99	80-120			
Silver	0.204		0.0100	mg/L	0.200	0.00266	101	80-120			

Classical Chemistry Parameters - Quality Control

Batch 2J22013 - NO PREP

Blank (2J22013-BLK1) Prepared: 10/22/2012 10:03 Analyzed: 10/22/2012 11:51

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	40	U	5000	ug/L							

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 2J22013 - NO PREP

LCS (2J22013-BS1) Prepared: 10/22/2012 10:03 Analyzed: 10/22/2012 12:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	46000		5000	ug/L	50000		92	90-110			

Matrix Spike (2J22013-MS1) Prepared: 10/22/2012 10:03 Analyzed: 10/22/2012 12:22

Source: C212057-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	83000		5000	ug/L	20000	62000	108	90-110			

Matrix Spike Dup (2J22013-MSD1) Prepared: 10/22/2012 10:03 Analyzed: 10/22/2012 12:38

Source: C212057-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate as SO4	83000		5000	ug/L	20000	62000	108	90-110	0.08	10	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

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Client Name	Progress Energy Carolinas (PR015)
Project Number	Permit #92-10
Address	5413 Shearon Harris Road
Project Name/Desc	Harris Nuclear Plant Landfill
City/ST/Zip	New Hill, NC 27562
PO # / Billing Info	
Tel	(919) 362-2444
Fax	(919) 362-2307
Reporting Contact	Robert T. Wilson
Sampler(s) Name, Affiliation (Print)	Jack Sherrill Sherrill Environmental
Billing Contact	Robert T. Wilson
Sampler(s) Signature	Jack Sherrill
Site Location / Time Zone	

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder C212065

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	Ag,As,Ba,Cd,Cr,Pb,Se	Hg	Sulfate 300							Sample Comments
	W #1	10/11/12	905	G	GW	5	X	X	X	X							
	W #2	↓	815	↓	GW	5	X	X	X	X							
	W #3	↓	800	↓	GW	5	X	X	X	X							
	W #6	↓	840	↓	GW	5	X	X	X	X							
	W #7	↓	825	↓	GW	5	X	X	X	X							

<-- Total # of Containers

Sample Kit Prepared By: BF	Date/Time: 10/9/12	Relinquished By: Jack Sherrill	Date/Time: 10/11/12 955	Received By: Jack K	Date/Time: 10/11/12 9:55
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: CA-123 2.8°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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FACILITY_PERMIT	WELL_ID	CAS_Number	SWS_ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION_FACTOR	COLLECT_DATE	EXTRACTION_DATE	ANALYSIS_DATE	LAB_CERTID
92-10	W #1	100-41-4	110	Ethylbenzene	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	591-78-6	124	2-Hexanone	0.88	ug/L	U	8260B	0.88	5.0	50	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	7439-92-1	131	Lead Total	1.96	ug/L	J	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	7439-97-6	132	Mercury Total	0.170	ug/L	U	7470A	0.170	0.200	0.2	1	10/11/2012	10/16/2012	10/16/2012	591
92-10	W #1	74-83-9	136	Bromomethane	0.14	ug/L	U	8260B	0.14	1.0	10	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	74-87-3	137	Chloromethane	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	74-95-3	139	Dibromomethane	0.27	ug/L	U	8260B	0.27	1.0	10	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	7440-38-2	14	Arsenic Total	2.80	ug/L	U	6010C	2.80	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	75-09-2	140	Methylene chloride	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	78-93-3	141	2-Butanone	1.3	ug/L	U	8260B	1.3	5.0	100	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	74-88-4	142	Iodomethane	1.7	ug/L	U	8260B	1.7	5.0	10	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	108-10-1	147	4-Methyl-2-pentanone	1.1	ug/L	U	8260B	1.1	5.0	100	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	7440-39-3	15	Barium Total	130	ug/L		6010C	1.00	10.0	100	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	71-43-2	16	Benzene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	7782-49-2	183	Selenium Total	4.50	ug/L	U	6010C	4.50	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	7440-22-4	184	Silver Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	100-42-5	186	Styrene	0.11	ug/L	U	8260B	0.11	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	630-20-6	190	1,1,1,2-Tetrachloroethane	0.17	ug/L	U	8260B	0.17	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	79-34-5	191	1,1,2,2-Tetrachloroethane	0.28	ug/L	U	8260B	0.28	1.0	3	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	127-18-4	192	Tetrachloroethene	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	108-88-3	196	Toluene	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	71-55-6	200	1,1,1-Trichloroethane	0.12	ug/L	U	8260B	0.12	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	79-01-6	201	Trichloroethene	2.6	ug/L		8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	79-00-5	202	1,1,2-Trichloroethane	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-69-4	203	Trichlorofluoromethane	0.24	ug/L	U	8260B	0.24	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	96-18-4	206	1,2,3-Trichloropropane	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	108-05-4	210	Vinyl acetate	0.95	ug/L	U	8260B	0.95	5.0	50	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-01-4	211	Vinyl chloride	0.32	ug/L	U	8260B	0.32	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	74-97-5	28	Bromochloromethane	0.48	ug/L	U	8260B	0.48	1.0	3	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-27-4	29	Bromodichloromethane	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	67-64-1	3	Acetone	1.2	ug/L	U	8260B	1.2	5.0	100	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-25-2	30	Bromoform	0.22	ug/L	U	8260B	0.22	1.0	3	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	14808-79-8	315	Sulfate as SO4	2900	ug/L	J	300.0	40	5000	250000	1	10/11/2012	10/22/2012	10/23/2012	591
92-10	W #1	7440-43-9	34	Cadmium Total	0.360	ug/L	U	6010C	0.360	1.00	1	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	1330-20-7	346	Xylenes (Total)	0.45	ug/L	U	8260B	0.45	3.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-15-0	35	Carbon disulfide	1.5	ug/L	U	8260B	1.5	5.0	100	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	SW359	359	m,p-Xylenes	0.17	ug/L	U	8260B	0.17	2.0	NE	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	56-23-5	36	Carbon tetrachloride	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	108-90-7	39	Chlorobenzene	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	96-47-6	408	o-Xylene	0.065	ug/L	U	8260B	0.065	1.0	NE	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-00-3	41	Chloroethane	2.2	ug/L	J	8260B	0.23	1.0	10	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	67-66-3	44	Chloroform	0.18	ug/L	U	8260B	0.18	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	7440-47-3	51	Chromium Total	1.00	ug/L	U	6010C	1.00	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #1	124-48-1	66	Dibromochloromethane	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	96-12-8	67	1,2-Dibromo-3-chloropropane	0.48	ug/L	U	8260B	0.48	1.0	13	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	106-93-4	68	1,2-Dibromoethane	0.66	ug/L	U	8260B	0.66	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	95-50-1	69	1,2-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	106-46-7	71	1,4-Dichlorobenzene	1.2	ug/L		8260B	0.19	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	110-57-6	73	trans-1,4-Dichloro-2-butene	0.70	ug/L	U	8260B	0.70	1.0	100	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-34-3	75	1,1-Dichloroethane	43	ug/L		8260B	0.13	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	107-06-2	76	1,2-Dichloroethane	0.21	ug/L	U	8260B	0.21	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	75-35-4	77	1,1-Dichloroethene	3.2	ug/L	J	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	156-59-2	78	cis-1,2-Dichloroethene	1.3	ug/L	J	8260B	0.15	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	156-60-5	79	trans-1,2-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	107-13-1	8	Acrylonitrile	3.5	ug/L	U	8260B	3.5	10	200	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	78-87-5	82	1,2-Dichloropropane	0.10	ug/L	U	8260B	0.10	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	10061-01-5	86	cis-1,3-Dichloropropene	0.20	ug/L	U	8260B	0.20	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #1	10061-02-6	87	trans-1,3-Dichloropropene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/24/2012	591
92-10	W #2	100-41-4	110	Ethylbenzene	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591

FACILITY_PERMIT	WELL_ID	CAS_Number	SWS_ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION_FACTOR	COLLECT_DATE	EXTRACTION_DATE	ANALYSIS_DATE	LAB_CERTID
92-10	W #2	591-78-6	124	2-Hexanone	0.88	ug/L	U	8260B	0.88	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	7439-92-1	131	Lead Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	7439-97-6	132	Mercury Total	0.170	ug/L	U	7470A	0.170	0.200	0.2	1	10/11/2012	10/16/2012	10/16/2012	591
92-10	W #2	74-83-9	136	Bromomethane	0.14	ug/L	U	8260B	0.14	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	74-87-3	137	Chloromethane	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	74-95-3	139	Dibromomethane	0.27	ug/L	U	8260B	0.27	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	7440-38-2	14	Arsenic Total	2.80	ug/L	U	6010C	2.80	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	75-09-2	140	Methylene chloride	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	78-93-3	141	2-Butanone	1.3	ug/L	U	8260B	1.3	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	74-88-4	142	Iodomethane	1.7	ug/L	U	8260B	1.7	5.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	108-10-1	147	4-Methyl-2-pentanone	1.1	ug/L	U	8260B	1.1	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	7440-39-3	15	Barium Total	82.7	ug/L	J	6010C	1.00	10.0	100	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	71-43-2	16	Benzene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	7782-49-2	183	Selenium Total	4.50	ug/L	U	6010C	4.50	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	7440-22-4	184	Silver Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	100-42-5	186	Styrene	0.11	ug/L	U	8260B	0.11	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	630-20-6	190	1,1,1,2-Tetrachloroethane	0.17	ug/L	U	8260B	0.17	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	79-34-5	191	1,1,2,2-Tetrachloroethane	0.28	ug/L	U	8260B	0.28	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	127-18-4	192	Tetrachloroethene	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	108-88-3	196	Toluene	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	71-55-6	200	1,1,1-Trichloroethane	0.12	ug/L	U	8260B	0.12	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	79-01-6	201	Trichloroethene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	79-00-5	202	1,1,2-Trichloroethane	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-69-4	203	Trichlorofluoromethane	0.24	ug/L	U	8260B	0.24	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	96-18-4	206	1,2,3-Trichloropropane	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	108-05-4	210	Vinyl acetate	0.95	ug/L	U	8260B	0.95	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-01-4	211	Vinyl chloride	0.32	ug/L	U	8260B	0.32	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	74-97-5	28	Bromochloromethane	0.48	ug/L	U	8260B	0.48	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-27-4	29	Bromodichloromethane	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	67-64-1	3	Acetone	1.2	ug/L	U	8260B	1.2	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-25-2	30	Bromoform	0.22	ug/L	U	8260B	0.22	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	14808-79-8	315	Sulfate as SO4	4900	ug/L	J	300.0	40	5000	250000	1	10/11/2012	10/22/2012	10/23/2012	591
92-10	W #2	7440-43-9	34	Cadmium Total	0.360	ug/L	U	6010C	0.360	1.00	1	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	1330-20-7	346	Xylenes (Total)	0.45	ug/L	U	8260B	0.45	3.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-15-0	35	Carbon disulfide	1.5	ug/L	U	8260B	1.5	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	SW359	359	m,p-Xylenes	0.17	ug/L	U	8260B	0.17	2.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	56-23-5	36	Carbon tetrachloride	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	108-90-7	39	Chlorobenzene	0.49	ug/L	J	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	96-47-6	408	o-Xylene	0.065	ug/L	U	8260B	0.065	1.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-00-3	41	Chloroethane	0.23	ug/L	U	8260B	0.23	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	67-66-3	44	Chloroform	0.18	ug/L	U	8260B	0.18	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	7440-47-3	51	Chromium Total	1.00	ug/L	U	6010C	1.00	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #2	124-48-1	66	Dibromochloromethane	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	96-12-8	67	1,2-Dibromo-3-chloropropane	0.48	ug/L	U	8260B	0.48	1.0	13	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	106-93-4	68	1,2-Dibromoethane	0.66	ug/L	U	8260B	0.66	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	95-50-1	69	1,2-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	106-46-7	71	1,4-Dichlorobenzene	0.91	ug/L	J	8260B	0.19	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	110-57-6	73	trans-1,4-Dichloro-2-butene	0.70	ug/L	U	8260B	0.70	1.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-34-3	75	1,1-Dichloroethane	4.8	ug/L	J	8260B	0.13	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	107-06-2	76	1,2-Dichloroethane	0.21	ug/L	U	8260B	0.21	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	75-35-4	77	1,1-Dichloroethene	0.50	ug/L	J	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	156-59-2	78	cis-1,2-Dichloroethene	0.15	ug/L	U	8260B	0.15	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	156-60-5	79	trans-1,2-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	107-13-1	8	Acrylonitrile	3.5	ug/L	U	8260B	3.5	10	200	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	78-87-5	82	1,2-Dichloropropane	0.10	ug/L	U	8260B	0.10	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	10061-01-5	86	cis-1,3-Dichloropropene	0.20	ug/L	U	8260B	0.20	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #2	10061-02-6	87	trans-1,3-Dichloropropene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	100-41-4	110	Ethylbenzene	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	591-78-6	124	2-Hexanone	0.88	ug/L	U	8260B	0.88	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591

FACILITY_PERMIT	WELL_ID	CAS_Number	SWS_ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION_FACTOR	COLLECT_DATE	EXTRACTION_DATE	ANALYSIS_DATE	LAB_CERTID
92-10	W #3	7439-92-1	131	Lead Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	7439-97-6	132	Mercury Total	0.170	ug/L	U	7470A	0.170	0.200	0.2	1	10/11/2012	10/16/2012	10/16/2012	591
92-10	W #3	74-83-9	136	Bromomethane	0.14	ug/L	U	8260B	0.14	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	74-87-3	137	Chloromethane	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	74-95-3	139	Dibromomethane	0.27	ug/L	U	8260B	0.27	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	7440-38-2	14	Arsenic Total	2.80	ug/L	U	6010C	2.80	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	75-09-2	140	Methylene chloride	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	78-93-3	141	2-Butanone	1.3	ug/L	U	8260B	1.3	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	74-88-4	142	Iodomethane	1.7	ug/L	U	8260B	1.7	5.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	108-10-1	147	4-Methyl-2-pentanone	1.1	ug/L	U	8260B	1.1	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	7440-39-3	15	Barium Total	191	ug/L		6010C	1.00	10.0	100	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	71-43-2	16	Benzene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	7782-49-2	183	Selenium Total	4.50	ug/L	U	6010C	4.50	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	7440-22-4	184	Silver Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	100-42-5	186	Styrene	0.11	ug/L	U	8260B	0.11	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	630-20-6	190	1,1,1,2-Tetrachloroethane	0.17	ug/L	U	8260B	0.17	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	79-34-5	191	1,1,2,2-Tetrachloroethane	0.28	ug/L	U	8260B	0.28	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	127-18-4	192	Tetrachloroethene	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	108-88-3	196	Toluene	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	71-55-6	200	1,1,1-Trichloroethane	0.12	ug/L	U	8260B	0.12	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	79-01-6	201	Trichloroethene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	79-00-5	202	1,1,2-Trichloroethane	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-69-4	203	Trichlorofluoromethane	0.24	ug/L	U	8260B	0.24	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	96-18-4	206	1,2,3-Trichloropropane	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	108-05-4	210	Vinyl acetate	0.95	ug/L	U	8260B	0.95	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-01-4	211	Vinyl chloride	0.32	ug/L	U	8260B	0.32	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	74-97-5	28	Bromochloromethane	0.48	ug/L	U	8260B	0.48	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-27-4	29	Bromodichloromethane	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	67-64-1	3	Acetone	1.2	ug/L	U	8260B	1.2	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-25-2	30	Bromoform	0.22	ug/L	U	8260B	0.22	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	14808-79-8	315	Sulfate as SO4	4400	ug/L	J	300.0	40	5000	250000	1	10/11/2012	10/22/2012	10/23/2012	591
92-10	W #3	7440-43-9	34	Cadmium Total	0.360	ug/L	U	6010C	0.360	1.00	1	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	1330-20-7	346	Xylenes (Total)	0.45	ug/L	U	8260B	0.45	3.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-15-0	35	Carbon disulfide	1.5	ug/L	U	8260B	1.5	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	SW359	359	m,p-Xylenes	0.17	ug/L	U	8260B	0.17	2.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	56-23-5	36	Carbon tetrachloride	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	108-90-7	39	Chlorobenzene	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	96-47-6	408	o-Xylene	0.065	ug/L	U	8260B	0.065	1.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-00-3	41	Chloroethane	0.23	ug/L	U	8260B	0.23	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	67-66-3	44	Chloroform	0.18	ug/L	U	8260B	0.18	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	7440-47-3	51	Chromium Total	1.00	ug/L	U	6010C	1.00	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #3	124-48-1	66	Dibromochloromethane	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	96-12-8	67	1,2-Dibromo-3-chloropropane	0.48	ug/L	U	8260B	0.48	1.0	13	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	106-93-4	68	1,2-Dibromoethane	0.66	ug/L	U	8260B	0.66	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	95-50-1	69	1,2-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	106-46-7	71	1,4-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	110-57-6	73	trans-1,4-Dichloro-2-butene	0.70	ug/L	U	8260B	0.70	1.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-34-3	75	1,1-Dichloroethane	0.13	ug/L	U	8260B	0.13	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	107-06-2	76	1,2-Dichloroethane	0.21	ug/L	U	8260B	0.21	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	75-35-4	77	1,1-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	156-59-2	78	cis-1,2-Dichloroethene	0.15	ug/L	U	8260B	0.15	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	156-60-5	79	trans-1,2-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	107-13-1	8	Acrylonitrile	3.5	ug/L	U	8260B	3.5	10	200	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	78-87-5	82	1,2-Dichloropropane	0.10	ug/L	U	8260B	0.10	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	10061-01-5	86	cis-1,3-Dichloropropene	0.20	ug/L	U	8260B	0.20	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #3	10061-02-6	87	trans-1,3-Dichloropropene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	100-41-4	110	Ethylbenzene	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	591-78-6	124	2-Hexanone	0.88	ug/L	U	8260B	0.88	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	7439-92-1	131	Lead Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591

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92-10	W #6	7439-97-6	132	Mercury Total	0.170	ug/L	U	7470A	0.170	0.200	0.2	1	10/11/2012	10/16/2012	10/16/2012	591
92-10	W #6	74-83-9	136	Bromomethane	0.14	ug/L	U	8260B	0.14	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	74-87-3	137	Chloromethane	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	74-95-3	139	Dibromomethane	0.27	ug/L	U	8260B	0.27	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	7440-38-2	14	Arsenic Total	2.80	ug/L	U	6010C	2.80	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	75-09-2	140	Methylene chloride	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	78-93-3	141	2-Butanone	1.3	ug/L	U	8260B	1.3	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	74-88-4	142	Iodomethane	1.7	ug/L	U	8260B	1.7	5.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	108-10-1	147	4-Methyl-2-pentanone	1.1	ug/L	U	8260B	1.1	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	7440-39-3	15	Barium Total	349	ug/L		6010C	1.00	10.0	100	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	71-43-2	16	Benzene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	7782-49-2	183	Selenium Total	4.50	ug/L	U	6010C	4.50	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	7440-22-4	184	Silver Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	100-42-5	186	Styrene	0.11	ug/L	U	8260B	0.11	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	630-20-6	190	1,1,1,2-Tetrachloroethane	0.17	ug/L	U	8260B	0.17	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	79-34-5	191	1,1,2,2-Tetrachloroethane	0.28	ug/L	U	8260B	0.28	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	127-18-4	192	Tetrachloroethene	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	108-88-3	196	Toluene	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	71-55-6	200	1,1,1-Trichloroethane	0.12	ug/L	U	8260B	0.12	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	79-01-6	201	Trichloroethene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	79-00-5	202	1,1,2-Trichloroethane	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-69-4	203	Trichlorofluoromethane	0.24	ug/L	U	8260B	0.24	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	96-18-4	206	1,2,3-Trichloropropane	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	108-05-4	210	Vinyl acetate	0.95	ug/L	U	8260B	0.95	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-01-4	211	Vinyl chloride	0.32	ug/L	U	8260B	0.32	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	74-97-5	28	Bromochloromethane	0.48	ug/L	U	8260B	0.48	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-27-4	29	Bromodichloromethane	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	67-64-1	3	Acetone	1.2	ug/L	U	8260B	1.2	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-25-2	30	Bromoform	0.22	ug/L	U	8260B	0.22	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	14808-79-8	315	Sulfate as SO4	4900	ug/L	J	300.0	40	5000	250000	1	10/11/2012	10/22/2012	10/23/2012	591
92-10	W #6	7440-43-9	34	Cadmium Total	0.360	ug/L	U	6010C	0.360	1.00	1	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	1330-20-7	346	Xylenes (Total)	0.45	ug/L	U	8260B	0.45	3.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-15-0	35	Carbon disulfide	1.5	ug/L	U	8260B	1.5	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	SW359	359	m,p-Xylenes	0.17	ug/L	U	8260B	0.17	2.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	56-23-5	36	Carbon tetrachloride	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	108-90-7	39	Chlorobenzene	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	96-47-6	408	o-Xylene	0.065	ug/L	U	8260B	0.065	1.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-00-3	41	Chloroethane	0.23	ug/L	U	8260B	0.23	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	67-66-3	44	Chloroform	0.18	ug/L	U	8260B	0.18	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	7440-47-3	51	Chromium Total	1.00	ug/L	U	6010C	1.00	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #6	124-48-1	66	Dibromochloromethane	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	96-12-8	67	1,2-Dibromo-3-chloropropane	0.48	ug/L	U	8260B	0.48	1.0	13	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	106-93-4	68	1,2-Dibromoethane	0.66	ug/L	U	8260B	0.66	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	95-50-1	69	1,2-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	106-46-7	71	1,4-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	110-57-6	73	trans-1,4-Dichloro-2-butene	0.70	ug/L	U	8260B	0.70	1.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-34-3	75	1,1-Dichloroethane	0.13	ug/L	U	8260B	0.13	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	107-06-2	76	1,2-Dichloroethane	0.21	ug/L	U	8260B	0.21	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	75-35-4	77	1,1-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	156-59-2	78	cis-1,2-Dichloroethene	0.15	ug/L	U	8260B	0.15	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	156-60-5	79	trans-1,2-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	107-13-1	8	Acrylonitrile	3.5	ug/L	U	8260B	3.5	10	200	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	78-87-5	82	1,2-Dichloropropane	0.10	ug/L	U	8260B	0.10	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	10061-01-5	86	cis-1,3-Dichloropropene	0.20	ug/L	U	8260B	0.20	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #6	10061-02-6	87	trans-1,3-Dichloropropene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	100-41-4	110	Ethylbenzene	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	591-78-6	124	2-Hexanone	0.88	ug/L	U	8260B	0.88	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	7439-92-1	131	Lead Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	7439-97-6	132	Mercury Total	0.170	ug/L	U	7470A	0.170	0.200	0.2	1	10/11/2012	10/16/2012	10/16/2012	591

FACILITY_PERMIT	WELL_ID	CAS_Number	SWS_ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION_FACTOR	COLLECT_DATE	EXTRACTION_DATE	ANALYSIS_DATE	LAB_CERTID
92-10	W #7	74-83-9	136	Bromomethane	0.14	ug/L	U	8260B	0.14	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	74-87-3	137	Chloromethane	0.13	ug/L	U	8260B	0.13	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	74-95-3	139	Dibromomethane	0.27	ug/L	U	8260B	0.27	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	7440-38-2	14	Arsenic Total	2.80	ug/L	U	6010C	2.80	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	75-09-2	140	Methylene chloride	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	78-93-3	141	2-Butanone	1.3	ug/L	U	8260B	1.3	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	74-88-4	142	Iodomethane	1.7	ug/L	U	8260B	1.7	5.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	108-10-1	147	4-Methyl-2-pentanone	1.1	ug/L	U	8260B	1.1	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	7440-39-3	15	Barium Total	48.7	ug/L	J	6010C	1.00	10.0	100	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	71-43-2	16	Benzene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	7782-49-2	183	Selenium Total	4.50	ug/L	U	6010C	4.50	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	7440-22-4	184	Silver Total	1.90	ug/L	U	6010C	1.90	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	100-42-5	186	Styrene	0.11	ug/L	U	8260B	0.11	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	630-20-6	190	1,1,1,2-Tetrachloroethane	0.17	ug/L	U	8260B	0.17	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	79-34-5	191	1,1,2,2-Tetrachloroethane	0.28	ug/L	U	8260B	0.28	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	127-18-4	192	Tetrachloroethene	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	108-88-3	196	Toluene	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	71-55-6	200	1,1,1-Trichloroethane	0.12	ug/L	U	8260B	0.12	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	79-01-6	201	Trichloroethene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	79-00-5	202	1,1,2-Trichloroethane	0.14	ug/L	U	8260B	0.14	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-69-4	203	Trichlorofluoromethane	0.24	ug/L	U	8260B	0.24	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	96-18-4	206	1,2,3-Trichloropropane	0.23	ug/L	U	8260B	0.23	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	108-05-4	210	Vinyl acetate	0.95	ug/L	U	8260B	0.95	5.0	50	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-01-4	211	Vinyl chloride	0.64	ug/L	J	8260B	0.32	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	74-97-5	28	Bromochloromethane	0.48	ug/L	U	8260B	0.48	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-27-4	29	Bromodichloromethane	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	67-64-1	3	Acetone	1.2	ug/L	U	8260B	1.2	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-25-2	30	Bromoform	0.22	ug/L	U	8260B	0.22	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	14808-79-8	315	Sulfate as SO4	2900	ug/L	J	300.0	40	5000	250000	1	10/11/2012	10/22/2012	10/23/2012	591
92-10	W #7	7440-43-9	34	Cadmium Total	0.360	ug/L	U	6010C	0.360	1.00	1	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	1330-20-7	346	Xylenes (Total)	0.45	ug/L	U	8260B	0.45	3.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-15-0	35	Carbon disulfide	1.5	ug/L	U	8260B	1.5	5.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	SW359	359	m,p-Xylenes	0.17	ug/L	U	8260B	0.17	2.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	56-23-5	36	Carbon tetrachloride	0.17	ug/L	U	8260B	0.17	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	108-90-7	39	Chlorobenzene	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	96-47-6	408	o-Xylene	0.065	ug/L	U	8260B	0.065	1.0	NE	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-00-3	41	Chloroethane	2.4	ug/L	J	8260B	0.23	1.0	10	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	67-66-3	44	Chloroform	0.18	ug/L	U	8260B	0.18	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	7440-47-3	51	Chromium Total	1.00	ug/L	U	6010C	1.00	10.0	10	1	10/11/2012	10/15/2012	10/17/2012	591
92-10	W #7	124-48-1	66	Dibromochloromethane	0.17	ug/L	U	8260B	0.17	1.0	3	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	96-12-8	67	1,2-Dibromo-3-chloropropane	0.48	ug/L	U	8260B	0.48	1.0	13	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	106-93-4	68	1,2-Dibromoethane	0.66	ug/L	U	8260B	0.66	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	95-50-1	69	1,2-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	106-46-7	71	1,4-Dichlorobenzene	0.19	ug/L	U	8260B	0.19	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	110-57-6	73	trans-1,4-Dichloro-2-butene	0.70	ug/L	U	8260B	0.70	1.0	100	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-34-3	75	1,1-Dichloroethane	12	ug/L		8260B	0.13	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	107-06-2	76	1,2-Dichloroethane	0.21	ug/L	U	8260B	0.21	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	75-35-4	77	1,1-Dichloroethene	0.64	ug/L	J	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	156-59-2	78	cis-1,2-Dichloroethene	3.0	ug/L	J	8260B	0.15	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	156-60-5	79	trans-1,2-Dichloroethene	0.21	ug/L	U	8260B	0.21	1.0	5	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	107-13-1	8	Acrylonitrile	3.5	ug/L	U	8260B	3.5	10	200	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	78-87-5	82	1,2-Dichloropropane	0.10	ug/L	U	8260B	0.10	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	10061-01-5	86	cis-1,3-Dichloropropene	0.20	ug/L	U	8260B	0.20	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591
92-10	W #7	10061-02-6	87	trans-1,3-Dichloropropene	0.15	ug/L	U	8260B	0.15	1.0	1	1	10/11/2012	10/23/2012	10/23/2012	591

Sherrill Environmental, Inc.

GROUNDWATER SAMPLING FIELD DATA WORK SHEET

Project Name: Progress Energy Carolinas
Harris Nuclear Plant Landfill

Permit . No.: 92-10

Date: 10/10/2012
Time: 1110
Weather: 62° clear
Personnel: J. Sherrill

WELL NUMBER: MW- 1

Well I.Diam: 2 inch

Measurements from TOC

Screened interval:

Total well depth (TD): 96.05

Depth to water (DTW): 27.32

Length of water column: 68.73

Volume in well (gal): 10.9

Total water volume purged: 33

Method Purged: SS Sub Pump

Method sampled: Disposable Polyethylene Bailer

Purge Volume	pH	Temp.	Specific Conductivity (mS/cm)	
11.0	7.76	16.4	0.708	
11.0	7.87	16.3	0.722	
11.0	7.89	16.3	0.715	

Remarks on Sampling and Well Condition:

Sample Collected:
Appendix I Volatile Organic Constituents
RCRA 8 Metals and Sulfate

10/11/12

Sample Collection Time: 905

Sherrill Environmental, Inc.

GROUNDWATER SAMPLING FIELD DATA WORK SHEET

Project Name: Progress Energy Carolinas
Harris Nuclear Plant Landfill

Permit . No.: 92-10

Date: 10/10/2012
Time: 1030
Weather: 60 clear
Personnel: J. Sherrill

WELL NUMBER: MW- 2

Well I.Diam: 2 inch

Measurements from TOC

Screened interval:

Total well depth (TD): 41.65

Depth to water (DTW): 17.85

Length of water column: 23.8

Volume in well (gal): 3.8

Total water volume purged: 5.0

Method Purged: Disposable Polyethylene Bailer

Method sampled: Disposable Polyethylene Bailer

Purge Volume	pH	Temp.	Specific Conductivity (mS/cm)	
3.0	6.63	16.4	0.376	
2.0 → Dry	6.63	16.4	0.377	

Remarks on Sampling and Well Condition:

Sample Collected:
Appendix I Volatile Organic Constituents
RCRA 8 Metals and Sulfate

Sample Collection Time: 10/11/12 815

Sherrill Environmental, Inc.

GROUNDWATER SAMPLING FIELD DATA WORK SHEET

Project Name: Progress Energy Carolinas
Harris Nuclear Plant Landfill

Permit . No.: 92-10

Date: 10/10/2012
Time: 950
Weather: 50°
Personnel: J. Sherrill

WELL NUMBER: MW- 3

Well I.Diam: 2 inch

Measurements from TOC

Screened interval:

Total well depth (TD): 59.25

Depth to water (DTW): 28.81

Length of water column: 30.44

Volume in well (gal): 4.8

Total water volume purged: 6.2

Method Purged: Disposable Polyethylene Bailer

Method sampled: Disposable Polyethylene Bailer

Purge Volume	pH	Temp.	Specific Conductivity (mS/cm)	
5.0	8.24	15.9	0.396	
1.2 → Dry	8.23	15.9	0.396	

Remarks on Sampling and Well Condition:

Sample Collected:
Appendix I Volatile Organic Constituents
RCRA 8 Metals and Sulfate

10/11/12

Sample Collection Time: 800

Sherrill Environmental, Inc.

GROUNDWATER SAMPLING FIELD DATA WORK SHEET

Project Name: Progress Energy Carolinas
Harris Nuclear Plant Landfill

Permit . No.: 92-10

Date: 10/10/2012
Time: 1350
Weather: 65° clear
Personnel: J. Sherrill

WELL NUMBER: MW- 6

Well I.Diam: 2 inch

Measurements from TOC

Screened interval:

Total well depth (TD): 70.83

Depth to water (DTW): 6.80

Length of water column: 64.03

Volume in well (gal): 10.2

Total water volume purged: 30

Method Purged: SS Sub Pump

Method sampled: Disposable Polyethylene Bailer

Purge Volume	pH	Temp.	Specific Conductivity (mS/cm)	
10	7.93	18.7	0.287	
10	7.96	17.0	0.288	
10	7.98	16.6	0.283	

Remarks on Sampling and Well Condition:

Sample Collected:
Appendix I Volatile Organic Constituents
RCRA 8 Metals and Sulfate

10/11/12

Sample Collection Time: 840

Sherrill Environmental, Inc.

GROUNDWATER SAMPLING FIELD DATA WORK SHEET

Project Name: Progress Energy Carolinas
Harris Nuclear Plant Landfill

Permit . No.: 92-10

Date: 10/10/2012
Time: 1300
Weather: 65° Clear
Personnel: J. Sherrill

WELL NUMBER: MW- 7
Well I.Diam: 2 inch
Measurements from TOC
Screened interval:
Total well depth (TD): 55.2
Depth to water (DTW): 0.40
Length of water column: 54.8
Volume in well (gal): 8.7
Total water volume purged: 27
Method Purged: SS Sub Pump
Method sampled: Disposable Polyethylene Bailer

Purge Volume	pH	Temp.	Specific Conductivity (mS/cm)	
9	8.54	17.7	0.520	
9	8.59	17.0	0.533	
9	8.59	16.9	0.518	

Remarks on Sampling and Well Condition:

Sample Collected:
Appendix I Volatile Organic Constituents
RCRA 8 Metals and Sulfate

10/11/12

Sample Collection Time: 825