NM1-63

Permit Application Vol 4

Part 3 of 3

10/12/16

Results

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 15, 2013

Peter Castiglia
Intera, Inc.
6000 Uptown Boulevard, NE Suite 220
Albuquerque, NM 87110
TEL: (505) 280-2889
FAX

RE: ICP Diamond Half Ranch Groundwater Sampling OrderNo.: 1304546

Dear Peter Castiglia:

Hall Environmental Analysis Laboratory received 11 sample(s) on 4/12/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1304546**
Date Reported: **5/15/2013**

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-01
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 9:05:00 AM
Lab ID: 1304546-001 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 4:19:56 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 12:31:52 AM	6964
Surr: Decachlorobiphenyl	105	23.9-124		%REC	1	4/17/2013 12:31:52 AM	6964
Surr: Tetrachloro-m-xylene	80.4	28.1-139		%REC	1	4/17/2013 12:31:52 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 1:57:35 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 1:57:35 PM	6980
Surr: DNOP	125	75.4-146		%REC	1	4/18/2013 1:57:35 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 2:47:21 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 2:47:21 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 2:47:21 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 2:47:21 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 2:47:21 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 2:47:21 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 2:47:21 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 2:47:21 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 2:47:21 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 2:47:21 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 2:47:21 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 2:47:21 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 2:47:21 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 2:47:21 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 2:47:21 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 2:47:21 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 2:47:21 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 2:47:21 AM	6965
Surr: Benzo(e)pyrene	77.7	46.4-106		%REC	1	4/17/2013 2:47:21 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.2	0.10		mg/L	1	4/12/2013 6:45:36 PM	R9856
Chloride	26	10		mg/L	20	4/12/2013 6:58:01 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-01
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 9:05:00 AM
Lab ID: 1304546-001 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	0.54	0.10		mg/L	1	4/12/2013 6:45:36 PM	R9856
Sulfate	130	10		mg/L	20	4/12/2013 6:58:01 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:03:17 PM	R9967
Barium	0.037	0.0020		mg/L	1	4/17/2013 1:39:47 PM	R9937
Boron	0.30	0.040		mg/L	1	4/17/2013 1:39:47 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 1:39:47 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 1:39:47 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 1:39:47 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 1:39:47 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 1:39:47 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 1:39:47 PM	R9937
Molybdenum	0.011	0.0080		mg/L	1	4/17/2013 1:39:47 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 1:39:47 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:03:17 PM	R9967
Zinc	ND	0.010		mg/L	1	4/17/2013 1:39:47 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	ND	0.0010		mg/L	1	5/2/2013 4:05:06 PM	R10275
Lead	ND	0.0010		mg/L	1	5/2/2013 4:05:06 PM	R10275
Selenium	0.015	0.0010		mg/L	1	5/2/2013 4:05:06 PM	R10275
Uranium	0.017	0.0010		mg/L	1	5/2/2013 4:05:06 PM	R10275
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 5:48:38 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 4:49:14 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

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Lab ID: 1304546-001 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 4:49:14 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 4:49:14 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 4:49:14 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 4:49:14 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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Hall Environmental Analysis Laboratory, Inc.

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Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 9:05:00 AM
Lab ID: 1304546-001 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 4:49:14 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 4:49:14 AM	R9945
Surr: 1,2-Dichloroethane-d4	80.8	70-130		%REC	1	4/18/2013 4:49:14 AM	R9945
Surr: 4-Bromofluorobenzene	87.1	69.5-130		%REC	1	4/18/2013 4:49:14 AM	R9945
Surr: Dibromofluoromethane	89.5	70-130		%REC	1	4/18/2013 4:49:14 AM	R9945
Surr: Toluene-d8	85.9	70-130		%REC	1	4/18/2013 4:49:14 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.01	1.68	H	pH units	1	4/12/2013 7:12:23 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	513	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-02
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:10:00 AM
Lab ID: 1304546-002 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 4:33:41 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 1:17:44 AM	6964
Surr: Decachlorobiphenyl	126	23.9-124	S	%REC	1	4/17/2013 1:17:44 AM	6964
Surr: Tetrachloro-m-xylene	106	28.1-139		%REC	1	4/17/2013 1:17:44 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 2:25:21 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 2:25:21 PM	6980
Surr: DNOP	116	75.4-146		%REC	1	4/18/2013 2:25:21 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 4:15:16 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 4:15:16 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 4:15:16 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 4:15:16 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 4:15:16 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 4:15:16 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 4:15:16 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 4:15:16 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 4:15:16 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 4:15:16 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 4:15:16 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 4:15:16 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 4:15:16 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 4:15:16 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 4:15:16 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 4:15:16 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 4:15:16 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 4:15:16 AM	6965
Surr: Benzo(e)pyrene	67.2	46.4-106		%REC	1	4/17/2013 4:15:16 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.2	0.10		mg/L	1	4/12/2013 7:10:26 PM	R9856
Chloride	36	10		mg/L	20	4/12/2013 7:22:51 PM	R9856

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J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-02
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:10:00 AM
Lab ID: 1304546-002 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	0.72	0.10		mg/L	1	4/12/2013 7:10:26 PM	R9856
Sulfate	140	10		mg/L	20	4/12/2013 7:22:51 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:05:51 PM	R9967
Barium	0.050	0.0020		mg/L	1	4/17/2013 1:44:43 PM	R9937
Boron	0.31	0.040		mg/L	1	4/17/2013 1:44:43 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 1:44:43 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 1:44:43 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 1:44:43 PM	R9937
Copper	0.0071	0.0060		mg/L	1	4/17/2013 1:44:43 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 1:44:43 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 1:44:43 PM	R9937
Molybdenum	0.011	0.0080		mg/L	1	4/17/2013 1:44:43 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 1:44:43 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:05:51 PM	R9967
Zinc	0.023	0.010		mg/L	1	4/17/2013 1:44:43 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	ND	0.0010		mg/L	1	5/2/2013 4:09:12 PM	R10275
Lead	ND	0.0010		mg/L	1	5/2/2013 4:09:12 PM	R10275
Selenium	0.017	0.0010		mg/L	1	5/2/2013 4:09:12 PM	R10275
Uranium	0.015	0.0010		mg/L	1	5/2/2013 4:09:12 PM	R10275
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 5:50:28 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 5:20:43 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-02
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:10:00 AM
Lab ID: 1304546-002 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 5:20:43 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 5:20:43 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 5:20:43 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 5:20:43 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-02
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:10:00 AM
Lab ID: 1304546-002 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 5:20:43 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 5:20:43 AM	R9945
Surr: 1,2-Dichloroethane-d4	89.7	70-130		%REC	1	4/18/2013 5:20:43 AM	R9945
Surr: 4-Bromofluorobenzene	84.0	69.5-130		%REC	1	4/18/2013 5:20:43 AM	R9945
Surr: Dibromofluoromethane	92.6	70-130		%REC	1	4/18/2013 5:20:43 AM	R9945
Surr: Toluene-d8	89.3	70-130		%REC	1	4/18/2013 5:20:43 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.00	1.68	H	pH units	1	4/12/2013 7:16:36 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	533	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-03
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:55:00 AM
Lab ID: 1304546-003 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 4:47:27 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 2:02:33 AM	6964
Surr: Decachlorobiphenyl	123	23.9-124		%REC	1	4/17/2013 2:02:33 AM	6964
Surr: Tetrachloro-m-xylene	89.2	28.1-139		%REC	1	4/17/2013 2:02:33 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 3:13:52 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 3:13:52 PM	6980
Surr: DNOP	109	75.4-146		%REC	1	4/18/2013 3:13:52 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 4:44:28 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 4:44:28 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 4:44:28 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 4:44:28 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 4:44:28 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 4:44:28 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 4:44:28 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 4:44:28 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 4:44:28 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 4:44:28 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 4:44:28 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 4:44:28 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 4:44:28 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 4:44:28 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 4:44:28 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 4:44:28 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 4:44:28 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 4:44:28 AM	6965
Surr: Benzo(e)pyrene	69.2	46.4-106		%REC	1	4/17/2013 4:44:28 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.1	0.10		mg/L	1	4/12/2013 7:35:16 PM	R9856
Chloride	26	10		mg/L	20	4/12/2013 7:47:40 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-03
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:55:00 AM
Lab ID: 1304546-003 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	0.65	0.10		mg/L	1	4/12/2013 7:35:16 PM	R9856
Sulfate	120	10		mg/L	20	4/12/2013 7:47:40 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:08:21 PM	R9967
Barium	0.041	0.0020		mg/L	1	4/17/2013 1:49:38 PM	R9937
Boron	0.31	0.040		mg/L	1	4/17/2013 1:49:38 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 1:49:38 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 1:49:38 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 1:49:38 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 1:49:38 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 1:49:38 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 1:49:38 PM	R9937
Molybdenum	0.012	0.0080		mg/L	1	4/17/2013 1:49:38 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 1:49:38 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:08:21 PM	R9967
Zinc	ND	0.010		mg/L	1	4/17/2013 1:49:38 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	ND	0.0010		mg/L	1	5/2/2013 4:13:18 PM	R10275
Lead	ND	0.0010		mg/L	1	5/2/2013 4:13:18 PM	R10275
Selenium	0.021	0.0010		mg/L	1	5/2/2013 4:13:18 PM	R10275
Uranium	0.014	0.0010		mg/L	1	5/2/2013 4:13:18 PM	R10275
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 5:56:07 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 5:52:24 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-03
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:55:00 AM
Lab ID: 1304546-003 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 5:52:24 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 5:52:24 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 5:52:24 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 5:52:24 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-03
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 10:55:00 AM
Lab ID: 1304546-003 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 5:52:24 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 5:52:24 AM	R9945
Surr: 1,2-Dichloroethane-d4	84.5	70-130		%REC	1	4/18/2013 5:52:24 AM	R9945
Surr: 4-Bromofluorobenzene	83.6	69.5-130		%REC	1	4/18/2013 5:52:24 AM	R9945
Surr: Dibromofluoromethane	90.2	70-130		%REC	1	4/18/2013 5:52:24 AM	R9945
Surr: Toluene-d8	87.6	70-130		%REC	1	4/18/2013 5:52:24 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.02	1.68	H	pH units	1	4/12/2013 7:20:47 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	482	20.0		mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-04
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 11:33:00 AM
Lab ID: 1304546-004 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 5:01:19 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 2:47:59 AM	6964
Surr: Decachlorobiphenyl	118	23.9-124		%REC	1	4/17/2013 2:47:59 AM	6964
Surr: Tetrachloro-m-xylene	92.0	28.1-139		%REC	1	4/17/2013 2:47:59 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 3:41:19 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 3:41:19 PM	6980
Surr: DNOP	110	75.4-146		%REC	1	4/18/2013 3:41:19 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 5:13:49 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 5:13:49 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 5:13:49 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 5:13:49 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 5:13:49 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 5:13:49 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 5:13:49 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 5:13:49 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 5:13:49 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 5:13:49 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 5:13:49 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 5:13:49 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 5:13:49 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 5:13:49 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 5:13:49 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 5:13:49 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 5:13:49 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 5:13:49 AM	6965
Surr: Benzo(e)pyrene	75.8	46.4-106		%REC	1	4/17/2013 5:13:49 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.3	0.10		mg/L	1	4/12/2013 8:24:54 PM	R9856
Chloride	12	0.50		mg/L	1	4/12/2013 8:24:54 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-04
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 11:33:00 AM
Lab ID: 1304546-004 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	4/12/2013 8:24:54 PM	R9856
Sulfate	66	10		mg/L	20	4/12/2013 8:37:19 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:10:56 PM	R9967
Barium	0.046	0.0020		mg/L	1	4/17/2013 1:54:35 PM	R9937
Boron	0.30	0.040		mg/L	1	4/17/2013 1:54:35 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 1:54:35 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 1:54:35 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 1:54:35 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 1:54:35 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 1:54:35 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 1:54:35 PM	R9937
Molybdenum	0.012	0.0080		mg/L	1	4/17/2013 1:54:35 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 1:54:35 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:10:56 PM	R9967
Zinc	0.020	0.010		mg/L	1	4/17/2013 1:54:35 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	ND	0.0010		mg/L	1	5/2/2013 4:17:24 PM	R10275
Lead	ND	0.0010		mg/L	1	5/2/2013 4:17:24 PM	R10275
Selenium	ND	0.0010		mg/L	1	5/2/2013 4:17:24 PM	R10275
Uranium	0.018	0.0010		mg/L	1	5/2/2013 4:17:24 PM	R10275
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 5:57:53 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 6:24:06 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-04
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 11:33:00 AM
Lab ID: 1304546-004 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 6:24:06 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 6:24:06 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 6:24:06 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 6:24:06 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-04
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 11:33:00 AM
Lab ID: 1304546-004 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 6:24:06 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 6:24:06 AM	R9945
Surr: 1,2-Dichloroethane-d4	86.5	70-130		%REC	1	4/18/2013 6:24:06 AM	R9945
Surr: 4-Bromofluorobenzene	86.6	69.5-130		%REC	1	4/18/2013 6:24:06 AM	R9945
Surr: Dibromofluoromethane	91.5	70-130		%REC	1	4/18/2013 6:24:06 AM	R9945
Surr: Toluene-d8	86.9	70-130		%REC	1	4/18/2013 6:24:06 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.04	1.68	H	pH units	1	4/12/2013 7:24:59 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	416	20.0		mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-05
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 12:43:00 PM
Lab ID: 1304546-005 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 5:15:06 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 3:33:39 AM	6964
Surr: Decachlorobiphenyl	78.4	23.9-124		%REC	1	4/17/2013 3:33:39 AM	6964
Surr: Tetrachloro-m-xylene	60.0	28.1-139		%REC	1	4/17/2013 3:33:39 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 4:08:18 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 4:08:18 PM	6980
Surr: DNOP	111	75.4-146		%REC	1	4/18/2013 4:08:18 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 5:43:09 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 5:43:09 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 5:43:09 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 5:43:09 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 5:43:09 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 5:43:09 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 5:43:09 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 5:43:09 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 5:43:09 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 5:43:09 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 5:43:09 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 5:43:09 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 5:43:09 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 5:43:09 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 5:43:09 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 5:43:09 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 5:43:09 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 5:43:09 AM	6965
Surr: Benzo(e)pyrene	66.2	46.4-106		%REC	1	4/17/2013 5:43:09 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	4.1	2.0	*	mg/L	20	4/12/2013 9:02:08 PM	R9856
Chloride	200	10		mg/L	20	4/12/2013 9:02:08 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-05
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 12:43:00 PM
Lab ID: 1304546-005 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	24	2.0	*	mg/L	20	4/12/2013 9:02:08 PM	R9856
Sulfate	630	10		mg/L	20	4/12/2013 9:02:08 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:13:31 PM	R9967
Barium	0.049	0.0020		mg/L	1	4/17/2013 1:59:28 PM	R9937
Boron	0.60	0.040		mg/L	1	4/17/2013 1:59:28 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 1:59:28 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 1:59:28 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 1:59:28 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 1:59:28 PM	R9937
Iron	0.047	0.020		mg/L	1	4/17/2013 1:59:28 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 1:59:28 PM	R9937
Molybdenum	0.018	0.0080		mg/L	1	4/17/2013 1:59:28 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 1:59:28 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:13:31 PM	R9967
Zinc	ND	0.010		mg/L	1	4/17/2013 1:59:28 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.018	0.0010	*	mg/L	1	5/3/2013 3:43:15 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:43:15 PM	R10334
Selenium	0.048	0.0010		mg/L	1	5/3/2013 3:43:15 PM	R10334
Uranium	0.0056	0.0010		mg/L	1	5/3/2013 3:43:15 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 5:59:39 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 6:55:44 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-05
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 12:43:00 PM
Lab ID: 1304546-005 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 6:55:44 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 6:55:44 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 6:55:44 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 6:55:44 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-05
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 12:43:00 PM
Lab ID: 1304546-005 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 6:55:44 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 6:55:44 AM	R9945
Surr: 1,2-Dichloroethane-d4	85.7	70-130		%REC	1	4/18/2013 6:55:44 AM	R9945
Surr: 4-Bromofluorobenzene	82.4	69.5-130		%REC	1	4/18/2013 6:55:44 AM	R9945
Surr: Dibromofluoromethane	92.8	70-130		%REC	1	4/18/2013 6:55:44 AM	R9945
Surr: Toluene-d8	85.9	70-130		%REC	1	4/18/2013 6:55:44 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	7.66	1.68	H	pH units	1	4/12/2013 7:29:02 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1560	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-06
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 1:30:00 PM
Lab ID: 1304546-006 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 5:28:48 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 5:04:19 AM	6964
Surr: Decachlorobiphenyl	120	23.9-124		%REC	1	4/17/2013 5:04:19 AM	6964
Surr: Tetrachloro-m-xylene	88.4	28.1-139		%REC	1	4/17/2013 5:04:19 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 4:35:16 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 4:35:16 PM	6980
Surr: DNOP	127	75.4-146		%REC	1	4/18/2013 4:35:16 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 6:12:23 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 6:12:23 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 6:12:23 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 6:12:23 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 6:12:23 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 6:12:23 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 6:12:23 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 6:12:23 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 6:12:23 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 6:12:23 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 6:12:23 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 6:12:23 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 6:12:23 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 6:12:23 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 6:12:23 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 6:12:23 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 6:12:23 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 6:12:23 AM	6965
Surr: Benzo(e)pyrene	67.8	46.4-106		%REC	1	4/17/2013 6:12:23 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	3.5	0.10		mg/L	1	4/12/2013 9:14:33 PM	R9856
Chloride	130	10		mg/L	20	4/12/2013 9:26:58 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-06
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 1:30:00 PM
Lab ID: 1304546-006 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	8.3	2.0		mg/L	20	4/12/2013 9:26:58 PM	R9856
Sulfate	470	10		mg/L	20	4/12/2013 9:26:58 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/18/2013 3:16:05 PM	R9967
Barium	0.034	0.0020		mg/L	1	4/17/2013 2:12:01 PM	R9937
Boron	0.33	0.040		mg/L	1	4/17/2013 2:12:01 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 2:12:01 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 2:12:01 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 2:12:01 PM	R9937
Copper	0.021	0.0060		mg/L	1	4/17/2013 2:12:01 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 2:12:01 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 2:12:01 PM	R9937
Molybdenum	0.013	0.0080		mg/L	1	4/17/2013 2:12:01 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 2:12:01 PM	R9937
Silver	ND	0.0050		mg/L	1	4/18/2013 3:16:05 PM	R9967
Zinc	0.019	0.010		mg/L	1	4/17/2013 2:12:01 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.014	0.0010	*	mg/L	1	5/3/2013 3:45:35 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:45:35 PM	R10334
Selenium	0.023	0.0010		mg/L	1	5/3/2013 3:45:35 PM	R10334
Uranium	0.0030	0.0010		mg/L	1	5/3/2013 3:45:35 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 6:01:26 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 7:27:23 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc.
Project: ICP Diamond Half Ranch Groundwater S
Lab ID: 1304546-006 **Matrix:** AQUEOUS

Client Sample ID: ICP-DHR-06
Collection Date: 4/11/2013 1:30:00 PM
Received Date: 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES							Analyst: **RAA**
Bromoform	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 7:27:23 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 7:27:23 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 7:27:23 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 7:27:23 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-06
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 1:30:00 PM
Lab ID: 1304546-006 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 7:27:23 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 7:27:23 AM	R9945
Surr: 1,2-Dichloroethane-d4	82.8	70-130		%REC	1	4/18/2013 7:27:23 AM	R9945
Surr: 4-Bromofluorobenzene	84.0	69.5-130		%REC	1	4/18/2013 7:27:23 AM	R9945
Surr: Dibromofluoromethane	87.9	70-130		%REC	1	4/18/2013 7:27:23 AM	R9945
Surr: Toluene-d8	87.6	70-130		%REC	1	4/18/2013 7:27:23 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	7.77	1.68	H	pH units	1	4/12/2013 7:33:07 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1110	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-07
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 2:48:00 PM
Lab ID: 1304546-007 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 5:42:33 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 5:49:59 AM	6964
Surr: Decachlorobiphenyl	120	23.9-124		%REC	1	4/17/2013 5:49:59 AM	6964
Surr: Tetrachloro-m-xylene	86.4	28.1-139		%REC	1	4/17/2013 5:49:59 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 5:02:30 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 5:02:30 PM	6980
Surr: DNOP	125	75.4-146		%REC	1	4/18/2013 5:02:30 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 6:41:37 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 6:41:37 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 6:41:37 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 6:41:37 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 6:41:37 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 6:41:37 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 6:41:37 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 6:41:37 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 6:41:37 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 6:41:37 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 6:41:37 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 6:41:37 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 6:41:37 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 6:41:37 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 6:41:37 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 6:41:37 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 6:41:37 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 6:41:37 AM	6965
Surr: Benzo(e)pyrene	63.8	46.4-106		%REC	1	4/17/2013 6:41:37 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.6	0.10		mg/L	1	4/12/2013 10:04:12 PM	R9856
Chloride	28	10		mg/L	20	4/12/2013 10:16:37 PM	R9856

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Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-07
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 2:48:00 PM
Lab ID: 1304546-007 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	4/12/2013 10:04:12 PM	R9856
Sulfate	190	10		mg/L	20	4/12/2013 10:16:37 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/23/2013 1:55:06 PM	R10048
Barium	0.027	0.0020		mg/L	1	4/17/2013 2:17:04 PM	R9937
Boron	0.56	0.040		mg/L	1	4/17/2013 2:17:04 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 2:17:04 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 2:17:04 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 2:17:04 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 2:17:04 PM	R9937
Iron	0.14	0.020		mg/L	1	4/17/2013 2:17:04 PM	R9937
Manganese	0.0071	0.0020		mg/L	1	4/17/2013 2:17:04 PM	R9937
Molybdenum	0.020	0.0080		mg/L	1	4/17/2013 2:17:04 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 2:17:04 PM	R9937
Silver	ND	0.0050		mg/L	1	4/23/2013 1:55:06 PM	R10048
Zinc	0.012	0.010		mg/L	1	4/17/2013 2:17:04 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	ND	0.0010		mg/L	1	5/3/2013 3:47:56 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:47:56 PM	R10334
Selenium	ND	0.0010		mg/L	1	5/3/2013 3:47:56 PM	R10334
Uranium	ND	0.0010		mg/L	1	5/3/2013 3:47:56 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 6:03:14 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 7:59:02 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-07
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 2:48:00 PM
Lab ID: 1304546-007 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 7:59:02 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 7:59:02 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 7:59:02 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 7:59:02 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-07
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 2:48:00 PM
Lab ID: 1304546-007 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 7:59:02 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 7:59:02 AM	R9945
Surr: 1,2-Dichloroethane-d4	83.3	70-130		%REC	1	4/18/2013 7:59:02 AM	R9945
Surr: 4-Bromofluorobenzene	84.9	69.5-130		%REC	1	4/18/2013 7:59:02 AM	R9945
Surr: Dibromofluoromethane	92.1	70-130		%REC	1	4/18/2013 7:59:02 AM	R9945
Surr: Toluene-d8	87.6	70-130		%REC	1	4/18/2013 7:59:02 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.11	1.68	H	pH units	1	4/12/2013 7:37:28 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	640	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-08
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:05:00 PM
Lab ID: 1304546-008 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 5:56:12 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 6:35:20 AM	6964
Surr: Decachlorobiphenyl	68.0	23.9-124		%REC	1	4/17/2013 6:35:20 AM	6964
Surr: Tetrachloro-m-xylene	50.8	28.1-139		%REC	1	4/17/2013 6:35:20 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 5:29:34 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 5:29:34 PM	6980
Surr: DNOP	119	75.4-146		%REC	1	4/18/2013 5:29:34 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/18/2013 2:02:00 PM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/18/2013 2:02:00 PM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/18/2013 2:02:00 PM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/18/2013 2:02:00 PM	6965
Acenaphthene	ND	5.0		µg/L	1	4/18/2013 2:02:00 PM	6965
Fluorene	ND	0.80		µg/L	1	4/18/2013 2:02:00 PM	6965
Phenanthrene	ND	0.60		µg/L	1	4/18/2013 2:02:00 PM	6965
Anthracene	ND	0.60		µg/L	1	4/18/2013 2:02:00 PM	6965
Fluoranthene	ND	0.30		µg/L	1	4/18/2013 2:02:00 PM	6965
Pyrene	ND	0.30		µg/L	1	4/18/2013 2:02:00 PM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/18/2013 2:02:00 PM	6965
Chrysene	ND	0.20		µg/L	1	4/18/2013 2:02:00 PM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/18/2013 2:02:00 PM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/18/2013 2:02:00 PM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/18/2013 2:02:00 PM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/18/2013 2:02:00 PM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/18/2013 2:02:00 PM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/18/2013 2:02:00 PM	6965
Surr: Benzo(e)pyrene	54.8	46.4-106		%REC	1	4/18/2013 2:02:00 PM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	3.9	0.10		mg/L	1	4/12/2013 10:53:52 PM	R9856
Chloride	110	10		mg/L	20	4/12/2013 11:06:16 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-08
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:05:00 PM
Lab ID: 1304546-008 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	8.4	0.10		mg/L	1	4/12/2013 10:53:52 PM	R9856
Sulfate	660	10		mg/L	20	4/12/2013 11:06:16 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/23/2013 1:57:44 PM	R10048
Barium	0.015	0.0020		mg/L	1	4/17/2013 2:21:58 PM	R9937
Boron	0.57	0.040		mg/L	1	4/17/2013 2:21:58 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 2:21:58 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 2:21:58 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 2:21:58 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 2:21:58 PM	R9937
Iron	ND	0.020		mg/L	1	4/17/2013 2:21:58 PM	R9937
Manganese	ND	0.0020		mg/L	1	4/17/2013 2:21:58 PM	R9937
Molybdenum	0.035	0.0080		mg/L	1	4/17/2013 2:21:58 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 2:21:58 PM	R9937
Silver	ND	0.0050		mg/L	1	4/23/2013 1:57:44 PM	R10048
Zinc	0.011	0.010		mg/L	1	4/17/2013 2:21:58 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.013	0.0010	*	mg/L	1	5/3/2013 3:50:17 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:50:17 PM	R10334
Selenium	0.060	0.0050	*	mg/L	5	5/9/2013 11:32:45 AM	R10515
Uranium	0.0039	0.0010		mg/L	1	5/3/2013 3:50:17 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 6:05:03 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 8:30:43 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-08
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:05:00 PM
Lab ID: 1304546-008 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 8:30:43 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 8:30:43 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 8:30:43 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 8:30:43 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-08
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:05:00 PM
Lab ID: 1304546-008 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 8:30:43 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 8:30:43 AM	R9945
Surr: 1,2-Dichloroethane-d4	84.4	70-130		%REC	1	4/18/2013 8:30:43 AM	R9945
Surr: 4-Bromofluorobenzene	80.5	69.5-130		%REC	1	4/18/2013 8:30:43 AM	R9945
Surr: Dibromofluoromethane	90.3	70-130		%REC	1	4/18/2013 8:30:43 AM	R9945
Surr: Toluene-d8	88.7	70-130		%REC	1	4/18/2013 8:30:43 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	7.73	1.68	H	pH units	1	4/12/2013 7:41:39 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1310	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-09
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:45:00 PM
Lab ID: 1304546-009 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 6:23:39 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 7:20:31 AM	6964
Surr: Decachlorobiphenyl	118	23.9-124		%REC	1	4/17/2013 7:20:31 AM	6964
Surr: Tetrachloro-m-xylene	93.2	28.1-139		%REC	1	4/17/2013 7:20:31 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 5:56:48 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 5:56:48 PM	6980
Surr: DNOP	109	75.4-146		%REC	1	4/18/2013 5:56:48 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 7:40:08 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 7:40:08 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 7:40:08 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 7:40:08 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 7:40:08 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 7:40:08 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 7:40:08 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 7:40:08 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 7:40:08 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 7:40:08 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 7:40:08 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 7:40:08 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 7:40:08 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 7:40:08 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 7:40:08 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 7:40:08 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 7:40:08 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 7:40:08 AM	6965
Surr: Benzo(e)pyrene	65.4	46.4-106		%REC	1	4/17/2013 7:40:08 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	3.8	0.10		mg/L	1	4/12/2013 11:18:41 PM	R9856
Chloride	340	10		mg/L	20	4/12/2013 11:31:06 PM	R9856

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-09
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:45:00 PM
Lab ID: 1304546-009 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	28	2.0	*	mg/L	20	4/12/2013 11:31:06 PM	R9856
Sulfate	710	10		mg/L	20	4/12/2013 11:31:06 PM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/23/2013 2:00:22 PM	R10048
Barium	0.047	0.0020		mg/L	1	4/17/2013 2:27:07 PM	R9937
Boron	0.62	0.040		mg/L	1	4/17/2013 2:27:07 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 2:27:07 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 2:27:07 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 2:27:07 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 2:27:07 PM	R9937
Iron	0.039	0.020		mg/L	1	4/17/2013 2:27:07 PM	R9937
Manganese	0.0036	0.0020		mg/L	1	4/17/2013 2:27:07 PM	R9937
Molybdenum	0.013	0.0080		mg/L	1	4/17/2013 2:27:07 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 2:27:07 PM	R9937
Silver	ND	0.0050		mg/L	1	4/23/2013 2:00:22 PM	R10048
Zinc	ND	0.010		mg/L	1	4/17/2013 2:27:07 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.017	0.0010	*	mg/L	1	5/3/2013 3:52:38 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:52:38 PM	R10334
Selenium	0.055	0.0050	*	mg/L	5	5/9/2013 11:35:05 AM	R10515
Uranium	0.0066	0.0010		mg/L	1	5/3/2013 3:52:38 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 6:06:51 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 9:02:24 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc.
Project: ICP Diamond Half Ranch Groundwater S
Lab ID: 1304546-009 **Matrix:** AQUEOUS

Client Sample ID: ICP-DHR-09
Collection Date: 4/11/2013 4:45:00 PM
Received Date: 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Bromoform	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 9:02:24 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 9:02:24 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 9:02:24 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 9:02:24 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-09
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 4:45:00 PM
Lab ID: 1304546-009 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 9:02:24 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 9:02:24 AM	R9945
Surr: 1,2-Dichloroethane-d4	82.3	70-130		%REC	1	4/18/2013 9:02:24 AM	R9945
Surr: 4-Bromofluorobenzene	83.7	69.5-130		%REC	1	4/18/2013 9:02:24 AM	R9945
Surr: Dibromofluoromethane	90.1	70-130		%REC	1	4/18/2013 9:02:24 AM	R9945
Surr: Toluene-d8	89.3	70-130		%REC	1	4/18/2013 9:02:24 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	7.62	1.68	H	pH units	1	4/12/2013 7:46:03 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1920	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-10
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 5:55:00 PM
Lab ID: 1304546-010 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 6:37:17 PM	7026
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1221	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1232	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1242	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1248	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1254	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Aroclor 1260	ND	1.0		µg/L	1	4/17/2013 8:05:36 AM	6964
Surr: Decachlorobiphenyl	71.2	23.9-124		%REC	1	4/17/2013 8:05:36 AM	6964
Surr: Tetrachloro-m-xylene	56.8	28.1-139		%REC	1	4/17/2013 8:05:36 AM	6964
EPA METHOD 8015D: DIESEL RANGE						Analyst:	**GSA**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/18/2013 6:23:47 PM	6980
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/18/2013 6:23:47 PM	6980
Surr: DNOP	102	75.4-146		%REC	1	4/18/2013 6:23:47 PM	6980
EPA METHOD 8310: PAHS						Analyst:	**SCC**
Naphthalene	ND	2.0		µg/L	1	4/17/2013 8:09:23 AM	6965
1-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 8:09:23 AM	6965
2-Methylnaphthalene	ND	2.0		µg/L	1	4/17/2013 8:09:23 AM	6965
Acenaphthylene	ND	2.5		µg/L	1	4/17/2013 8:09:23 AM	6965
Acenaphthene	ND	5.0		µg/L	1	4/17/2013 8:09:23 AM	6965
Fluorene	ND	0.80		µg/L	1	4/17/2013 8:09:23 AM	6965
Phenanthrene	ND	0.60		µg/L	1	4/17/2013 8:09:23 AM	6965
Anthracene	ND	0.60		µg/L	1	4/17/2013 8:09:23 AM	6965
Fluoranthene	ND	0.30		µg/L	1	4/17/2013 8:09:23 AM	6965
Pyrene	ND	0.30		µg/L	1	4/17/2013 8:09:23 AM	6965
Benz(a)anthracene	ND	0.070		µg/L	1	4/17/2013 8:09:23 AM	6965
Chrysene	ND	0.20		µg/L	1	4/17/2013 8:09:23 AM	6965
Benzo(b)fluoranthene	ND	0.10		µg/L	1	4/17/2013 8:09:23 AM	6965
Benzo(k)fluoranthene	ND	0.070		µg/L	1	4/17/2013 8:09:23 AM	6965
Benzo(a)pyrene	ND	0.070		µg/L	1	4/17/2013 8:09:23 AM	6965
Dibenz(a,h)anthracene	ND	0.12		µg/L	1	4/17/2013 8:09:23 AM	6965
Benzo(g,h,i)perylene	ND	0.12		µg/L	1	4/17/2013 8:09:23 AM	6965
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	4/17/2013 8:09:23 AM	6965
Surr: Benzo(e)pyrene	62.8	46.4-106		%REC	1	4/17/2013 8:09:23 AM	6965
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Fluoride	1.1	0.10		mg/L	1	4/12/2013 11:43:31 PM	R9856
Chloride	550	25		mg/L	50	4/16/2013 6:06:51 PM	R9928

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-10
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 5:55:00 PM
Lab ID: 1304546-010 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	**JRR**
Nitrogen, Nitrate (As N)	0.43	0.10		mg/L	1	4/12/2013 11:43:31 PM	R9856
Sulfate	220	10		mg/L	20	4/13/2013 12:20:46 AM	R9856
EPA METHOD 200.7: DISSOLVED METALS						Analyst:	**JLF**
Aluminum	ND	0.020		mg/L	1	4/23/2013 2:03:08 PM	R10048
Barium	0.026	0.0020		mg/L	1	4/17/2013 2:32:14 PM	R9937
Boron	0.78	0.040		mg/L	1	4/17/2013 2:32:14 PM	R9937
Cadmium	ND	0.0020		mg/L	1	4/17/2013 2:32:14 PM	R9937
Chromium	ND	0.0060		mg/L	1	4/17/2013 2:32:14 PM	R9937
Cobalt	ND	0.0060		mg/L	1	4/17/2013 2:32:14 PM	R9937
Copper	ND	0.0060		mg/L	1	4/17/2013 2:32:14 PM	R9937
Iron	0.17	0.020		mg/L	1	4/17/2013 2:32:14 PM	R9937
Manganese	0.13	0.0020	*	mg/L	1	4/17/2013 2:32:14 PM	R9937
Molybdenum	0.037	0.0080		mg/L	1	4/17/2013 2:32:14 PM	R9937
Nickel	ND	0.010		mg/L	1	4/17/2013 2:32:14 PM	R9937
Silver	ND	0.0050		mg/L	1	4/23/2013 2:03:08 PM	R10048
Zinc	0.29	0.010		mg/L	1	4/17/2013 2:32:14 PM	R9937
EPA 200.8: DISSOLVED METALS						Analyst:	**DBD**
Arsenic	0.0014	0.0010		mg/L	1	5/3/2013 3:54:58 PM	R10334
Lead	ND	0.0010		mg/L	1	5/3/2013 3:54:58 PM	R10334
Selenium	0.037	0.0050		mg/L	5	5/9/2013 11:37:26 AM	R10515
Uranium	0.016	0.0010		mg/L	1	5/3/2013 3:54:58 PM	R10334
EPA METHOD 245.1: MERCURY						Analyst:	**TES**
Mercury	ND	0.00020		mg/L	1	4/15/2013 6:08:40 PM	6976
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 9:34:10 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-10
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 5:55:00 PM
Lab ID: 1304546-010 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Bromoform	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 9:34:10 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 9:34:10 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 9:34:10 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 9:34:10 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** ICP-DHR-10
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:** 4/11/2013 5:55:00 PM
Lab ID: 1304546-010 **Matrix:** AQUEOUS **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 9:34:10 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 9:34:10 AM	R9945
Surr: 1,2-Dichloroethane-d4	81.9	70-130		%REC	1	4/18/2013 9:34:10 AM	R9945
Surr: 4-Bromofluorobenzene	85.8	69.5-130		%REC	1	4/18/2013 9:34:10 AM	R9945
Surr: Dibromofluoromethane	88.2	70-130		%REC	1	4/18/2013 9:34:10 AM	R9945
Surr: Toluene-d8	88.5	70-130		%REC	1	4/18/2013 9:34:10 AM	R9945
TOTAL PHENOLICS BY SW-846 9067						Analyst:	**SCC**
Phenolics, Total Recoverable	ND	2.5		µg/L	1	4/15/2013	6971
SM4500-H+B: PH						Analyst:	**JML**
pH	8.02	1.68	H	pH units	1	4/12/2013 7:50:21 PM	R9854
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst:	**KS**
Total Dissolved Solids	1400	20.0	*	mg/L	1	4/16/2013 4:33:00 PM	6974

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Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** Trip Blank
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:**
Lab ID: 1304546-011 **Matrix:** TRIP BLANK **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8011/504.1: EDB						Analyst:	**LRW**
1,2-Dibromoethane	ND	0.010		µg/L	1	4/17/2013 6:50:56 PM	7026
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
Benzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Toluene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Ethylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Naphthalene	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Acetone	ND	10		µg/L	1	4/18/2013 10:05:45 AM	R9945
Bromobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Bromoform	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Bromomethane	ND	3.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
2-Butanone	ND	10		µg/L	1	4/18/2013 10:05:45 AM	R9945
Carbon disulfide	ND	10		µg/L	1	4/18/2013 10:05:45 AM	R9945
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Chlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Chloroethane	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Chloroform	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Chloromethane	ND	3.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Dibromomethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Intera, Inc. **Client Sample ID:** Trip Blank
Project: ICP Diamond Half Ranch Groundwater S **Collection Date:**
Lab ID: 1304546-011 **Matrix:** TRIP BLANK **Received Date:** 4/12/2013 1:50:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**RAA**
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
2-Hexanone	ND	10		µg/L	1	4/18/2013 10:05:45 AM	R9945
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2013 10:05:45 AM	R9945
Methylene Chloride	ND	3.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
n-Butylbenzene	ND	3.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Styrene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Vinyl chloride	ND	1.0		µg/L	1	4/18/2013 10:05:45 AM	R9945
Xylenes, Total	ND	1.5		µg/L	1	4/18/2013 10:05:45 AM	R9945
Surr: 1,2-Dichloroethane-d4	85.8	70-130		%REC	1	4/18/2013 10:05:45 AM	R9945
Surr: 4-Bromofluorobenzene	83.0	69.5-130		%REC	1	4/18/2013 10:05:45 AM	R9945
Surr: Dibromofluoromethane	88.6	70-130		%REC	1	4/18/2013 10:05:45 AM	R9945
Surr: Toluene-d8	89.4	70-130		%REC	1	4/18/2013 10:05:45 AM	R9945

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Anatek Labs, Inc.

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 130416021
Project Name: 1304546

Analytical Results Report

Sample Number 130416021-001 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-001I / ICP-DHR-01 **Sampling Time** 9:05 AM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-002 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-002I / ICP-DHR-02 **Sampling Time** 10:10 AM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-003 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-003I / ICP-DHR-03 **Sampling Time** 10:55 AM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-004 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-004I / ICP-DHR-04 **Sampling Time** 11:33 AM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 130416021
Project Name: 1304546

Analytical Results Report

Sample Number 130416021-005 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-005I / ICP-DHR-05 **Sampling Time** 12:43 PM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-006 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-006I / ICP-DHR-06 **Sampling Time** 1:30 PM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-007 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-007I / ICP-DHR-07 **Sampling Time** 2:48 PM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number 130416021-008 **Sampling Date** 4/11/2013 **Date/Time Received** 4/16/2013 11:44 AM
Client Sample ID 1304546-008I / ICP-DHR-08 **Sampling Time** 4:05 PM
Matrix Water
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	130416021
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1304546
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	130416021-009	**Sampling Date**	4/11/2013	**Date/Time Received**	4/16/2013	11:44 AM
Client Sample ID	1304546-009I / ICP-DHR-09	**Sampling Time**	4:45 PM			
Matrix	Water					
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Sample Number	130416021-010	**Sampling Date**	4/11/2013	**Date/Time Received**	4/16/2013	11:44 AM
Client Sample ID	1304546-010I / ICP-DHR-10	**Sampling Time**	5:55 PM			
Matrix	Water					
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	4/24/2013	CRW	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C596
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095

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ANALYTICAL RESULTS

Project: 1304546
Pace Project No.: 3092036

Sample: 1304546-001 ICP-DHR-01 Lab ID: 3092036001 Collected: 04/11/13 09:05 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.481 ± 0.444 (0.647)**	pCi/L	05/07/13 12:32	13982-63-3	
Radium-228	EPA 904.0	**0.688 ± 0.499 (0.980)**	pCi/L	05/03/13 11:29	15262-20-1	

Sample: 1304546-002 ICP-DHR-02 Lab ID: 3092036002 Collected: 04/11/13 10:10 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**1.21 ± 0.572 (0.444)**	pCi/L	05/07/13 12:32	13982-63-3	
Radium-228	EPA 904.0	**0.546 ± 0.477 (0.955)**	pCi/L	05/03/13 12:23	15262-20-1	

Sample: 1304546-003 ICP-DHR-03 Lab ID: 3092036003 Collected: 04/11/13 10:55 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.176 ± 0.344 (0.628)**	pCi/L	05/07/13 13:20	13982-63-3	
Radium-228	EPA 904.0	**0.941 ± 0.441 (0.721)**	pCi/L	05/03/13 11:32	15262-20-1	

Sample: 1304546-004 ICP-DHR-04 Lab ID: 3092036004 Collected: 04/11/13 11:33 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.589 ± 0.437 (0.547)**	pCi/L	05/07/13 12:45	13982-63-3	
Radium-228	EPA 904.0	**0.503 ± 0.439 (0.893)**	pCi/L	05/03/13 11:30	15262-20-1	

Sample: 1304546-005 ICP-DHR-05 Lab ID: 3092036005 Collected: 04/11/13 12:43 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.728 ± 0.405 (0.152)**	pCi/L	05/07/13 12:45	13982-63-3	
Radium-228	EPA 904.0	**1.16 ± 0.519 (0.879)**	pCi/L	05/03/13 11:43	15262-20-1	

Sample: 1304546-006 ICP-DHR-06 Lab ID: 3092036006 Collected: 04/11/13 13:30 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	**0.000 ± 0.281 (0.454)**	pCi/L	05/07/13 13:34	13982-63-3	
Radium-228	EPA 904.0	**0.391 ± 0.396 (0.817)**	pCi/L	05/03/13 11:43	15262-20-1	

Date: 05/08/2013 10:35 AM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1304546
Pace Project No.: 3092036

Sample: 1304546-007 ICP-DHR-07 Lab ID: 3092036007 Collected: 04/11/13 14:48 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	0.388 ± 0.394 (0.597)	pCi/L	05/07/13 12:59	13982-63-3	
Radium-228	EPA 904.0	0.697 ± 0.472 (0.913)	pCi/L	05/03/13 11:43	15262-20-1	

Sample: 1304546-008 ICP-DHR-08 Lab ID: 3092036008 Collected: 04/11/13 16:05 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	0.112 ± 0.310 (0.602)	pCi/L	05/07/13 12:59	13982-63-3	
Radium-228	EPA 904.0	0.282 ± 0.439 (0.909)	pCi/L	05/03/13 12:23	15262-20-1	

Sample: 1304546-009 ICP-DHR-09 Lab ID: 3092036009 Collected: 04/11/13 16:45 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	0.234 ± 0.282 (0.431)	pCi/L	05/07/13 12:59	13982-63-3	
Radium-228	EPA 904.0	0.617 ± 0.462 (0.907)	pCi/L	05/03/13 11:31	15262-20-1	

Sample: 1304546-010 ICP-DHR-10 Lab ID: 3092036010 Collected: 04/11/13 17:55 Received: 04/17/13 09:30 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226	EPA 903.1	0.185 ± 0.437 (0.809)	pCi/L	05/07/13 13:48	13982-63-3	
Radium-228	EPA 904.0	0.770 ± 0.469 (0.888)	pCi/L	05/03/13 11:43	15262-20-1	

Date: 05/08/2013 10:35 AM

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QUALITY CONTROL DATA

Project: 1304546
Pace Project No.: 3092036

QC Batch: RADC/15509 Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0 Analysis Description: 904.0 Radium 228
Associated Lab Samples: 3092036001, 3092036002, 3092036003, 3092036004, 3092036005, 3092036006, 3092036007, 3092036008, 3092036009, 3092036010

METHOD BLANK: 570821 Matrix: Water
Associated Lab Samples: 3092036001, 3092036002, 3092036003, 3092036004, 3092036005, 3092036006, 3092036007, 3092036008, 3092036009, 3092036010

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	-0.173 ± 0.311 (0.785)	pCi/L	05/03/13 11:29	

Date: 05/08/2013 10:35 AM

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QUALITY CONTROL DATA

Project: 1304546
Pace Project No.: 3092036

QC Batch: RADC/15505 Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1 Analysis Description: 903.1 Radium-226
Associated Lab Samples: 3092036001, 3092036002, 3092036003, 3092036004, 3092036005, 3092036006, 3092036007, 3092036008, 3092036009, 3092036010

METHOD BLANK: 570817 Matrix: Water
Associated Lab Samples: 3092036001, 3092036002, 3092036003, 3092036004, 3092036005, 3092036006, 3092036007, 3092036008, 3092036009, 3092036010

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.300 (0.650)	pCi/L	05/07/13 13:00	

Date: 05/08/2013 10:35 AM

REPORT OF LABORATORY ANALYSIS

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R9937** RunNo: **9937**

Prep Date: Analysis Date: **4/17/2013** SeqNo: **283074** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.49	0.0020	0.5000	0	98.6	85	115			
Boron	0.49	0.040	0.5000	0	97.4	85	115			
Cadmium	0.50	0.0020	0.5000	0	100	85	115			
Chromium	0.51	0.0060	0.5000	0	102	85	115			
Cobalt	0.49	0.0060	0.5000	0	97.8	85	115			
Copper	0.51	0.0060	0.5000	0	102	85	115			
Iron	0.50	0.020	0.5000	0	99.4	85	115			
Manganese	0.51	0.0020	0.5000	0	101	85	115			
Molybdenum	0.50	0.0080	0.5000	0	99.2	85	115			
Nickel	0.51	0.010	0.5000	0	101	85	115			
Zinc	0.48	0.010	0.5000	0	96.0	85	115			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **PBW** Batch ID: **R9967** RunNo: **9967**

Prep Date: **2/22/2013** Analysis Date: **4/18/2013** SeqNo: **283917** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Silver	ND	0.0050								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R9967** RunNo: **9967**

Prep Date: Analysis Date: **4/18/2013** SeqNo: **283918** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0	115	85	115			
Silver	0.10	0.0050	0.1000	0	102	85	115			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **PBW** Batch ID: **R10048** RunNo: **10048**

Prep Date: Analysis Date: **4/23/2013** SeqNo: **286311** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	ND	0.020								
Silver	ND	0.0050								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R10048** RunNo: **10048**

Prep Date: Analysis Date: **4/23/2013** SeqNo: **286312** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R10048** RunNo: **10048**

Prep Date: Analysis Date: **4/23/2013** SeqNo: **286312** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.57	0.020	0.5000	0	114	85	115			
Silver	0.10	0.0050	0.1000	0	102	85	115			

Sample ID **1304546-010GMS** SampType: **MS** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **ICP-DHR-10** Batch ID: **R10048** RunNo: **10048**

Prep Date: Analysis Date: **4/23/2013** SeqNo: **286324** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.64	0.020	0.5000	0	127	70	130			
Silver	0.10	0.0050	0.1000	0	104	70	130			

Sample ID **1304546-010GMSD** SampType: **MSD** TestCode: **EPA Method 200.7: Dissolved Metals**

Client ID: **ICP-DHR-10** Batch ID: **R10048** RunNo: **10048**

Prep Date: Analysis Date: **4/23/2013** SeqNo: **286325** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aluminum	0.63	0.020	0.5000	0	125	70	130	1.53	20	
Silver	0.10	0.0050	0.1000	0	102	70	130	2.06	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R10334** RunNo: **10334**

Prep Date: Analysis Date: **5/3/2013** SeqNo: **294679** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.024	0.0010	0.02500	0	97.9	85	115			
Lead	0.025	0.0010	0.02500	0	99.1	85	115			
Selenium	0.023	0.0010	0.02500	0	93.0	85	115			
Uranium	0.025	0.0010	0.02500	0	99.4	85	115			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Dissolved Metals**

Client ID: **PBW** Batch ID: **R10334** RunNo: **10334**

Prep Date: Analysis Date: **5/3/2013** SeqNo: **294680** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Lead	ND	0.0010								
Selenium	ND	0.0010								
Uranium	ND	0.0010								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Dissolved Metals**

Client ID: **LCSW** Batch ID: **R10515** RunNo: **10515**

Prep Date: Analysis Date: **5/9/2013** SeqNo: **297327** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.023	0.0010	0.02500	0	91.1	85	115			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Dissolved Metals**

Client ID: **PBW** Batch ID: **R10515** RunNo: **10515**

Prep Date: Analysis Date: **5/9/2013** SeqNo: **297329** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	ND	0.0010								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID	**MB-6976**	SampType:	**MBLK**	TestCode:	**EPA Method 245.1: Mercury**
Client ID:	**PBW**	Batch ID:	**6976**	RunNo:	**9872**
Prep Date:	**4/15/2013**	Analysis Date:	**4/15/2013**	SeqNo:	**281281** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	**LCS-6976**	SampType:	**LCS**	TestCode:	**EPA Method 245.1: Mercury**
Client ID:	**LCSW**	Batch ID:	**6976**	RunNo:	**9872**
Prep Date:	**4/15/2013**	Analysis Date:	**4/15/2013**	SeqNo:	**281282** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0049	0.00020	0.005000	0	97.6	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBW** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280578** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSW** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280579** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.49	0.10	0.5000	0	97.2	90	110			
Chloride	4.7	0.50	5.000	0	94.5	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	97.5	90	110			
Sulfate	9.5	0.50	10.00	0	94.9	90	110			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBW** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280632** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrate (As N)	ND	0.10								
Sulfate	ND	0.50								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSW** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280633** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.48	0.10	0.5000	0	96.1	90	110			
Chloride	4.6	0.50	5.000	0	92.3	90	110			
Nitrogen, Nitrate (As N)	2.4	0.10	2.500	0	96.2	90	110			
Sulfate	9.3	0.50	10.00	0	93.2	90	110			

Sample ID **1304546-010EMS** SampType: **MS** TestCode: **EPA Method 300.0: Anions**

Client ID: **ICP-DHR-10** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280643** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.6	0.10	0.5000	1.125	91.8	76.6	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **1304546-010EMS** SampType: **MS** TestCode: **EPA Method 300.0: Anions**

Client ID: **ICP-DHR-10** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/12/2013** SeqNo: **280643** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Nitrogen, Nitrate (As N)	3.0	0.10	2.500	0.4275	101	90.4	113			

Sample ID **1304546-010EMSD** SampType: **MSD** TestCode: **EPA Method 300.0: Anions**

Client ID: **ICP-DHR-10** Batch ID: **R9856** RunNo: **9856**

Prep Date: Analysis Date: **4/13/2013** SeqNo: **280644** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.6	0.10	0.5000	1.125	92.6	76.6	110	0.252	20	
Nitrogen, Nitrate (As N)	3.0	0.10	2.500	0.4275	102	90.4	113	0.569	20	

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBW** Batch ID: **R9928** RunNo: **9928**

Prep Date: Analysis Date: **4/16/2013** SeqNo: **282746** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSW** Batch ID: **R9928** RunNo: **9928**

Prep Date: Analysis Date: **4/16/2013** SeqNo: **282747** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.9	0.50	5.000	0	98.4	90	110			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBW** Batch ID: **R9928** RunNo: **9928**

Prep Date: Analysis Date: **4/16/2013** SeqNo: **282802** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSW** Batch ID: **R9928** RunNo: **9928**

Prep Date: Analysis Date: **4/16/2013** SeqNo: **282803** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.1	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB-7026** SampType: **MBLK** TestCode: **EPA Method 8011/504.1: EDB**

Client ID: **PBW** Batch ID: **7026** RunNo: **9926**

Prep Date: **4/17/2013** Analysis Date: **4/17/2013** SeqNo: **283347** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-7026** SampType: **LCS** TestCode: **EPA Method 8011/504.1: EDB**

Client ID: **LCSW** Batch ID: **7026** RunNo: **9926**

Prep Date: **4/17/2013** Analysis Date: **4/17/2013** SeqNo: **283349** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.088	0.010	0.1000	0	88.0	70	130			

Sample ID **LCSD-7026** SampType: **LCS** TestCode: **EPA Method 8011/504.1: EDB**

Client ID: **LCSW** Batch ID: **7026** RunNo: **9926**

Prep Date: **4/17/2013** Analysis Date: **4/17/2013** SeqNo: **283353** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromoethane	0.088	0.010	0.1000	0	88.0	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB-6980** SampType: **MBLK** TestCode: **EPA Method 8015D: Diesel Range**

Client ID: **PBW** Batch ID: **6980** RunNo: **9893**

Prep Date: **4/15/2013** Analysis Date: **4/16/2013** SeqNo: **281476** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	1.0								
Motor Oil Range Organics (MRO)	ND	5.0								
Surr: DNOP	1.2		1.000		125	75.4	146			

Sample ID **LCS-6980** SampType: **LCS** TestCode: **EPA Method 8015D: Diesel Range**

Client ID: **LCSW** Batch ID: **6980** RunNo: **9893**

Prep Date: **4/15/2013** Analysis Date: **4/16/2013** SeqNo: **281477** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	6.2	1.0	5.000	0	124	89.1	151			
Surr: DNOP	0.65		0.5000		130	75.4	146			

Sample ID **LCSD-6980** SampType: **LCSD** TestCode: **EPA Method 8015D: Diesel Range**

Client ID: **LCSS02** Batch ID: **6980** RunNo: **9893**

Prep Date: **4/15/2013** Analysis Date: **4/16/2013** SeqNo: **281478** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	6.2	1.0	5.000	0	124	89.1	151	1.37	20	
Surr: DNOP	0.65		0.5000		130	75.4	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB-6964**	SampType: **MBLK**	TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW**	Batch ID: **6964**	RunNo: **9907**
Prep Date: **4/14/2013**	Analysis Date: **4/16/2013**	SeqNo: **281780** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	3.2		2.500		128	23.9	124			S
Surr: Tetrachloro-m-xylene	2.6		2.500		102	28.1	139			

Sample ID **LCS-6964**	SampType: **LCS**	TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW**	Batch ID: **6964**	RunNo: **9907**
Prep Date: **4/14/2013**	Analysis Date: **4/16/2013**	SeqNo: **281781** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.9	1.0	5.000	0	78.2	32.3	121			
Aroclor 1260	5.8	1.0	5.000	0	115	34	128			
Surr: Decachlorobiphenyl	3.2		2.500		127	23.9	124			S
Surr: Tetrachloro-m-xylene	2.3		2.500		93.2	28.1	139			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **5ml-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R9945**	RunNo: **9945**	
Prep Date:	Analysis Date: **4/17/2013**	SeqNo: **283211**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **5ml-rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**

Client ID: **PBW** Batch ID: **R9945** RunNo: **9945**

Prep Date: Analysis Date: **4/17/2013** SeqNo: **283211** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.1	70	130			
Surr: 4-Bromofluorobenzene	8.8		10.00		87.8	69.5	130			
Surr: Dibromofluoromethane	9.0		10.00		89.7	70	130			
Surr: Toluene-d8	9.0		10.00		89.8	70	130			

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**

Client ID: **LCSW** Batch ID: **R9945** RunNo: **9945**

Prep Date: Analysis Date: **4/17/2013** SeqNo: **283213** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	109	70	130			
Toluene	23	1.0	20.00	0	114	80	120			
Chlorobenzene	21	1.0	20.00	0	107	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	112	85.8	133			
Trichloroethene (TCE)	21	1.0	20.00	0	105	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R9945**	RunNo: **9945**
Prep Date:	Analysis Date: **4/17/2013**	SeqNo: **283213** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.8	70	130			
Surr: 4-Bromofluorobenzene	9.0		10.00		90.2	69.5	130			
Surr: Dibromofluoromethane	8.8		10.00		87.7	70	130			
Surr: Toluene-d8	8.7		10.00		87.4	70	130			

Sample ID **b3**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R9945**	RunNo: **9945**
Prep Date:	Analysis Date: **4/17/2013**	SeqNo: **283360** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **b3**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R9945**	RunNo: **9945**	
Prep Date:	Analysis Date: **4/17/2013**	SeqNo: **283360**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.3	70	130			
Surr: 4-Bromofluorobenzene	8.2		10.00		82.0	69.5	130			
Surr: Dibromofluoromethane	9.3		10.00		92.9	70	130			
Surr: Toluene-d8	8.9		10.00		89.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **LCSW**	Batch ID: **R9945**	RunNo: **9945**	
Prep Date:	Analysis Date: **4/18/2013**	SeqNo: **283366**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	113	70	130			
Toluene	23	1.0	20.00	0	117	80	120			
Chlorobenzene	22	1.0	20.00	0	111	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	107	85.8	133			
Trichloroethene (TCE)	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.4	70	130			
Surr: 4-Bromofluorobenzene	8.4		10.00		83.7	69.5	130			
Surr: Dibromofluoromethane	9.1		10.00		90.9	70	130			
Surr: Toluene-d8	9.1		10.00		90.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB-6965** SampType: **MBLK** TestCode: **EPA Method 8310: PAHs**

Client ID: **PBW** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/16/2013** SeqNo: **281803** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	2.0								
2-Methylnaphthalene	ND	2.0								
Acenaphthylene	ND	2.5								
Acenaphthene	ND	5.0								
Fluorene	ND	0.80								
Phenanthrene	ND	0.60								
Anthracene	ND	0.60								
Fluoranthene	ND	0.30								
Pyrene	ND	0.30								
Benz(a)anthracene	ND	0.070								
Chrysene	ND	0.20								
Benzo(b)fluoranthene	ND	0.10								
Benzo(k)fluoranthene	ND	0.070								
Benzo(a)pyrene	ND	0.070								
Dibenz(a,h)anthracene	ND	0.12								
Benzo(g,h,i)perylene	ND	0.12								
Indeno(1,2,3-cd)pyrene	ND	0.080								
Surr: Benzo(e)pyrene	16		20.00		79.6	46.4	106			

Sample ID **1304546-001DMS** SampType: **MS** TestCode: **EPA Method 8310: PAHs**

Client ID: **ICP-DHR-01** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/17/2013** SeqNo: **281950** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	22	2.0	80.00	1.780	25.7	70	130			S
1-Methylnaphthalene	34	2.0	80.20	1.740	39.7	70	130			S
2-Methylnaphthalene	34	2.0	80.00	1.560	40.4	70	130			S
Acenaphthylene	37	2.5	80.20	0	46.1	70	130			S
Acenaphthene	42	5.0	80.00	0	51.9	70	130			S
Fluorene	4.4	0.80	8.020	0	54.9	70	130			S
Phenanthrene	2.2	0.60	4.020	0	55.7	70	130			S
Anthracene	2.2	0.60	4.020	0	54.5	70	130			S
Fluoranthene	5.3	0.30	8.020	0	65.5	70	130			S
Pyrene	4.3	0.30	8.020	0	54.1	70	130			S
Benz(a)anthracene	0.53	0.070	0.8020	0	66.1	70	130			S
Chrysene	2.5	0.20	4.020	0	60.9	70	130			S
Benzo(b)fluoranthene	0.67	0.10	1.002	0	66.9	70	130			S
Benzo(k)fluoranthene	0.32	0.070	0.5000	0	64.0	70	130			S
Benzo(a)pyrene	0.31	0.070	0.5020	0	61.8	70	130			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **1304546-001DMS** SampType: **MS** TestCode: **EPA Method 8310: PAHs**

Client ID: **ICP-DHR-01** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/17/2013** SeqNo: **281950** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibenz(a,h)anthracene	0.69	0.12	1.002	0	68.9	70	130			S
Benzo(g,h,i)perylene	0.63	0.12	1.000	0	63.0	70	130			S
Indeno(1,2,3-cd)pyrene	1.2	0.080	2.004	0	60.9	70	130			S
Surr: Benzo(e)pyrene	13		20.00		64.7	46.4	106			

Sample ID **1304546-001DMSD** SampType: **MSD** TestCode: **EPA Method 8310: PAHs**

Client ID: **ICP-DHR-01** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/17/2013** SeqNo: **281951** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	24	2.0	80.00	1.780	27.6	70	130	6.79	20	S
1-Methylnaphthalene	34	2.0	80.20	1.740	40.5	70	130	1.98	20	S
2-Methylnaphthalene	35	2.0	80.00	1.560	41.9	70	130	3.39	20	S
Acenaphthylene	38	2.5	80.20	0	48.0	70	130	3.84	20	S
Acenaphthene	42	5.0	80.00	0	52.6	70	130	1.22	20	S
Fluorene	4.4	0.80	8.020	0	55.2	70	130	0.680	20	S
Phenanthrene	2.3	0.60	4.020	0	58.2	70	130	4.37	20	S
Anthracene	2.3	0.60	4.020	0	56.5	70	130	3.59	20	S
Fluoranthene	4.9	0.30	8.020	0	61.2	70	130	6.69	20	S
Pyrene	4.4	0.30	8.020	0	54.2	70	130	0.230	20	S
Benz(a)anthracene	0.54	0.070	0.8020	0	67.3	70	130	1.87	20	S
Chrysene	2.4	0.20	4.020	0	60.7	70	130	0.409	20	S
Benzo(b)fluoranthene	0.66	0.10	1.002	0	65.9	70	130	1.50	20	S
Benzo(k)fluoranthene	0.33	0.070	0.5000	0	66.0	70	130	3.08	20	S
Benzo(a)pyrene	0.32	0.070	0.5020	0	63.7	70	130	3.17	20	S
Dibenz(a,h)anthracene	0.69	0.12	1.002	0	68.9	70	130	0	20	S
Benzo(g,h,i)perylene	0.64	0.12	1.000	0	64.0	70	130	1.57	20	S
Indeno(1,2,3-cd)pyrene	1.2	0.080	2.004	0	61.9	70	130	1.63	20	S
Surr: Benzo(e)pyrene	13		20.00		65.4	46.4	106	0		

Sample ID **LCS-6965** SampType: **LCS** TestCode: **EPA Method 8310: PAHs**

Client ID: **LCSW** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/18/2013** SeqNo: **283869** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	51	2.0	80.00	0	63.6	46	82.9			
1-Methylnaphthalene	54	2.0	80.20	0	66.8	47.2	85.8			
2-Methylnaphthalene	56	2.0	80.00	0	69.4	48.4	84.6			
Acenaphthylene	56	2.5	80.20	0	69.7	58.7	78.7			
Acenaphthene	56	5.0	80.00	0	69.6	55.3	85.1			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **LCS-6965** SampType: **LCS** TestCode: **EPA Method 8310: PAHs**

Client ID: **LCSW** Batch ID: **6965** RunNo: **9888**

Prep Date: **4/14/2013** Analysis Date: **4/18/2013** SeqNo: **283869** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluorene	4.2	0.80	8.020	0	52.4	31.9	82.2			
Phenanthrene	2.7	0.60	4.020	0	66.9	54.5	81.9			
Anthracene	2.6	0.60	4.020	0	63.7	51.9	82.7			
Fluoranthene	5.5	0.30	8.020	0	68.7	57.6	83.7			
Pyrene	5.0	0.30	8.020	0	61.7	53.1	70.4			
Benz(a)anthracene	0.57	0.070	0.8020	0	71.1	48	85.7			
Chrysene	2.6	0.20	4.020	0	64.4	44.3	78.2			
Benzo(b)fluoranthene	0.74	0.10	1.002	0	73.9	60	90.4			
Benzo(k)fluoranthene	0.36	0.070	0.5000	0	72.0	61.4	89			
Benzo(a)pyrene	0.34	0.070	0.5020	0	67.7	63.5	88.6			
Dibenz(a,h)anthracene	0.70	0.12	1.002	0	69.9	57	92.6			
Benzo(g,h,i)perylene	0.70	0.12	1.000	0	70.0	55.4	95.9			
Indeno(1,2,3-cd)pyrene	1.3	0.080	2.004	0	64.4	52.7	88.6			
Surr: Benzo(e)pyrene	15		20.00		73.4	46.4	106			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID **MB-6971** SampType: **MBLK** TestCode: **Total Phenolics by SW-846 9067**

Client ID: **PBW** Batch ID: **6971** RunNo: **9847**

Prep Date: **4/15/2013** Analysis Date: **4/15/2013** SeqNo: **280320** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	ND	2.5								

Sample ID **LCS-6971** SampType: **LCS** TestCode: **Total Phenolics by SW-846 9067**

Client ID: **LCSW** Batch ID: **6971** RunNo: **9847**

Prep Date: **4/15/2013** Analysis Date: **4/15/2013** SeqNo: **280321** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	20	2.5	20.00	0	102	81.1	120			

Sample ID **LCSD-6971** SampType: **LCSD** TestCode: **Total Phenolics by SW-846 9067**

Client ID: **LCSS02** Batch ID: **6971** RunNo: **9847**

Prep Date: **4/15/2013** Analysis Date: **4/15/2013** SeqNo: **280338** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Phenolics, Total Recoverable	19	2.5	20.00	0	94.7	81.1	120	7.67	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1304546**

15-May-13

Client: Intera, Inc.

Project: ICP Diamond Half Ranch Groundwater Samplin

Sample ID	**MB-6974**	SampType:	**MBLK**		TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**PBW**	Batch ID:	**6974**		RunNo:	**9906**					
Prep Date:	**4/15/2013**	Analysis Date:	**4/16/2013**		SeqNo:	**281728**		Units:	**mg/L**		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids		ND	20.0								

Sample ID	**LCS-6974**	SampType:	**LCS**		TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**LCSW**	Batch ID:	**6974**		RunNo:	**9906**					
Prep Date:	**4/15/2013**	Analysis Date:	**4/16/2013**		SeqNo:	**281729**		Units:	**mg/L**		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids		1020	20.0	1000	0	102	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: INT Work Order Number: 1304546 RcptNo: 1

Received by/date: 04/12/13

Logged By: Lindsay Mangin 4/12/2013 1:50:00 PM

Completed By: Lindsay Mangin 4/12/2013 1:57:52 PM

Reviewed By: 04/12/13

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 60, 10 (<2 or >12 unless noted)
Adjusted? No
Checked by: mg

Special Handling (If applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.0	Good	Not Present			

Chain-of-Custody Record

Client: INTERA, INC.

Mailing Address: 6000 Uptown Blvd Suite 220
Albuquerque, NM 87110

Phone #: 505-246-1600

email or Fax#: pcastiglia@intera.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☒ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: ICP Diamond Half Ranch Groundwater Sampling

Project #: INTCP.C001.OMP W013.1

Project Manager: Peter Castiglia

Sampler: Annelia Tinklenberg

[redacted]

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	[redacted]	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	WQCC (attached)				Air Bubbles (Y or N)
4/11/13	9:05	Aq.	ICP-DHR-01	VARIOUS	VARIOUS	-001			X									X				
4/11/13	10:10	Aq.	ICP-DHR-02			-002			X									X				
4/11/13	10:55	Aq.	ICP-DHR-03*	(2x VOA-HCl)		-003			X									X				
4/11/13	11:33	Aq.	ICP-DHR-04			-004			X									X				
4/11/13	12:43	Aq.	ICP-DHR-05			-005			X									X				
4/11/13	13:30	Aq.	ICP-DHR-06			-006			X									X				
4/11/13	14:48	Aq.	ICP-DHR-07			-007			X									X				
4/11/13	16:05	Aq.	ICP-DHR-08			-008			X									X				
4/11/13	16:45	Aq.	ICP-DHR-09			-009			X									X				
4/11/13	17:55	Aq.	ICP-DHR-10			-010			X									X				
			Trip Blank																			

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/12/13	1350	[signature]	[signature]	04/12/13	1350
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:
* Sample ICP-DHR-03 = one 8260 VOA not submitted, sample compromised in the field. See Attached for WQCC list. Please send EDD and report to Peter and Annelia. (pcastiglia@intera.com)

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Analytical Parameters and Analysis Methods for Aqueous Samples Collected from Shallow Groundwater Wells near the Plant Facilities and Jal Loadout.

Analytical Parameter	Analysis Method	Practical Quantitation Limit (mg/L unless noted)	Sample Holding Times
Anions			
Fluoride	EPA Method 300.0	0.2	28 days
Chloride	EPA Method 300.0	4.0	28 days
Nitrogen, Nitrate (as N)	EPA Method 300.0	0.1	2 days
Sulfate	EPA Method 300.0	10.0	28 days
Dissolved Metals (Filtered at 0.45 µm prior to preservation)			
Aluminum (Al)	EPA Method 200.7	0.02	6 months
Arsenic (As)	EPA Method 200.8	0.001	6 months
Barium (Ba)	EPA Method 200.7	0.002	6 months
Boron (B)	EPA Method 200.7	0.04	6 months
Cadmium (Cd)	EPA Method 200.8	0.002	6 months
Chromium (Cr)	EPA Method 200.7	0.006	6 months
Cobalt (Co)	EPA Method 200.7	0.006	6 months
Copper (Cu)	EPA Method 200.8	0.006	6 months
Iron (Fe)	EPA Method 200.7	0.02	6 months
Lead (Pb)	EPA Method 200.8	0.005	6 months
Manganese (Mn)	EPA Method 200.8	0.002	6 months
Mercury (Hg)	EPA Method 245.1	0.0002	28 days
Molybdenum (Mo)	EPA Method 200.7	0.008	6 months
Nickel (Ni)	EPA Method 200.7	0.01	6 months
Selenium (Se)	EPA Method 200.8	0.001	6 months
Silver (Ag)	EPA Method 200.7	0.005	6 months
Uranium (U)	EPA Method 200.8	0.001	6 months
Zinc (Zn)	EPA Method 200.7	0.01	6 months
Radiochemistry*			
Radium 226 and 228	EPA Method E903.0/E904.0		
Volatiles			
Benzene	EPA Method 8260B or EPA Method 524	0.001	14 days

Analytical Parameter	Analysis Method	Practical Quantitation Limit (mg/L unless noted)	Sample Holding Times
Benzo-a-pyrene	EPA Method 8310	0.0002	7 days
Carbon Tetrachloride	EPA Method 8260B or EPA Method 524	0.001	14 days
Chloroform	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1-dichloroethane	EPA Method 8260B or EPA Method 524	0.001	14 days
1,2-dichloroethane (EDC)	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1-dichloroethylene (1,1-DCE)	EPA Method 8260B or EPA Method 524	0.001	14 days
Ethylbenzene	EPA Method 8260B or EPA Method 524	0.001	14 days
Ethylene dibromide (EDB)	EPA Method 504.1	0.0001	14 days
Methylene chloride (dichloromethane)	EPA Method 8260B	0.003	14 days
Naphthalene, total plus monomethylnaphthalenes (PAHs)	EPA Method 8260B	0.002	14 days
Polychlorinated biphenyls (PCB's)	EPA Method 8082 or EPA Method 505	0.001	7 days
1,1,2,2-tetrachloroethylene (PCE)	EPA Method 8260B or EPA Method 524	0.001	14 days
Toluene	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1,2-trichloroethylene (TCE)	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1,1-trichloroethane	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1,2-trichloroethane	EPA Method 8260B or EPA Method 524	0.001	14 days
1,1,2,2-tetrachloroethane	EPA Method 8260B or EPA Method 524	0.001	14 days
Vinyl chloride	EPA Method 8260B or EPA Method 524	0.001	14 days
Xylenes, Total	EPA Method 8021B	0.001	14 days
Phenols			

Analytical Parameter	Analysis Method	Practical Quantitation Limit (mg/L unless noted)	Sample Holding Times
Dissolved Gases And Hydrocarbons			
Methane (CH_4)	RSK 175 or EPA Method 8015M	0.001	14 days
Diesel Range Organics (DRO)***	EPA Method 8015 B	1.00	14 days
Gasoline Range Organics (GRO)	EPA Method 8015 B	1.00	14 days
Other			
pH	SM 4500 H+B	0.1 pH Units	Upon receipt
Total Dissolved Solids (TDS)	SM 2540C	5.0	7 days
Cyanide	EPA Method 335.3		

Notes: Practical Quantitation Limit = the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence;
NA = Not Applicable;
SM = Standard Method;
EPA = U.S. Environmental Protection Agency;
*Sub-contracted to laboratory to be identified by INTERA/ICP;
^Calculated from analysis of sulfide in water;
***DRO should be left on the chromatogram long enough to detect motor-oil range organics (MRO)
[-] = Defined by sub-contracted laboratory running radiochemistry analyses;
NTU = natural turbidity unit;
ASTM = American Society for Testing and Materials

Established in 1960, Golder Associates is a global, employee-owned organization that helps clients find sustainable solutions to the challenges of finite resources, energy and water supply and management, waste management, urbanization, and climate change. We provide a wide range of independent consulting, design, and construction services in our specialist areas of earth, environment, and energy. By building strong relationships and meeting the needs of clients, our people have created one of the most trusted professional services organizations in the world.

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