

ANALYTICAL REPORT

Project: Prather Ranch, Garfield County, CO

Lot #: D8F050387

Chris Canfield

Colorado Oil & Gas Conservation Commission
707 Wapiti Court
Suite 204
Rifle, CO 81650



Patrick J. McEntee
Project Manager

June 20, 2008

Case Narrative

The results included in this report have been reviewed for compliance with TestAmerica Laboratories, Inc. Quality Assurance/Quality Control (QA/QC) plan. The test results relate only to the samples in this report and meet all requirements of NELAC with any exceptions noted below.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interferences or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Laboratories, Inc. utilizes USEPA approved methods in all analytical work. The sample presented in this report was analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

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Quality Control Summary for Lot D8F050387

Sample Receiving

TestAmerica Denver received seven aqueous and one solid sample under chain of custody on June 5, 2008.

The samples were received at temperatures of 2.8°C, 2.4°C and 2.3°C.

All sample containers were received intact.

Samples requiring dissolved metals were filtered and preserved upon receipt.

GC/MS Volatiles, Method SW846 8260B

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration curve, samples D8F050387-001, -002 and -007 were analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required.

GC/MS Semivolatiles, Method SW846 8270C

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Sample D8F050387-007 exhibited elevated reporting limits due to elevated final extract volume. The final extract volume should be 1 ml; however, this sample would not concentrate below a 10 ml final volume. An additional dilution was required at the instrument due to the presence of interfering, non-target compounds. The reporting limits have been adjusted relative to the dilutions required.

MS/MSD analyses could not be performed for the batch due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

Quality Control Summary for Lot D8F050387

Dissolved Methane Analysis by GC, Method RSK SOP-175

MS/MSD analyses could not be performed for the batch due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

Gasoline Range Organics Analysis by GC, Method SW846 8015B

Surrogate a,a,a-trifluorotoluene was below QC limits in sample D8F050387-008. This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary.

Diesel Range Organic Analysis by GC, Method SW846 8015B

The refrigerator containing the standards for DRO analysis exceeded the upper temperature control limit of 6.0°C for more than two hours from around 12pm on 6/17/08 until 12am on 6/17/08. The maximum temperature reached during this period was 7.8°C. The continuing calibration was in control, indicating that the temperature excursion had not impact on the data.

The refrigerator containing the extract for sample D8F050387-008 exceeded the lower temperature control limit of 2.0°C for more that 2 hours on 6/17/08 from approximately 4am until 4pm and again from 4am to 4pm on 6/18/08. Maintenance was immediately performed to bring the refrigerator back into control. Associated data should not be compromised from a low temperature excursion. All QC associated with the batch were in control.

No other anomalies were observed.

Total Metals Analysis, Method MCAWW 200.7/200.8

Percent recoveries and RPD data could not be calculated for the sodium MS/MSD performed on a sample from another client and/or lot due to the sample concentration reading greater than four times the spike amount

General Chemistry

MS/MSD analyses were performed on sample D8F050387-007. The MS/MSD for ortho-phosphate exhibited spike compound recoveries outside the QC limits. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data; therefore, corrective action is deemed unnecessary.

The RPD for the duplicate analysis performed on a sample from another client and/or lot was not in control for total alkalinity.

Quality Control Definitions of Terms

Term	Definition
Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. A LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. An LCSD is a second Laboratory Control Sample.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried throughout the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.
Sample Duplicate	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative to the precision for other samples in the batch.
Method Detection Limit "MDL"	The method detection limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from replicate analyses of low level standards in a typical representative matrix.
Reporting Limit "RL"	The STL reporting limit is normally the lowest level at which measurements become quantitatively meaningful, i.e., the quantitation limit, which is approximately three times the MDL. Some projects require RLs that are less than the quantitation limit to achieve particular maximum contaminant levels (MCLs) or relevant and appropriate requirements (ARARs), but RLs cannot be less than the statistically determined MDL.

Quality Control Definitions of Qualifiers

Qualifier	Definition
*	Surrogate or Relative Percent Difference (RPD) is outside control limits.
a	Spiked analyte recovery is outside control limits.
B	Organics: Method blank contamination. The associated method blank contains the target analyte at a reportable level. Inorganics: Estimated result. Result is less than the RL
COL	More than 40% difference between the primary and confirmation detector results. The lower of the two results is reported.
DIL	The concentration is estimated or not reported due to dilution.
E	Estimated result. Result concentrations exceeds the calibration range.
G	Inorganics: Elevated reporting limit. The reporting limit is elevated due to matrix interference.
J	Organics: Estimated result. Result is less than RL Inorganics: Method blank contamination. The associated method blank contains the target analyte at a reportable level.
L	Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present
N	Spiked analyte recovery is outside stated control limits.
NC	The recovery and/or RPD were not calculated.
ND	The analyte was not detected at the MDL concentration and with a measurable degree of confidence can be said not to be present at or above the RL concentration.
p	Relative percent difference (RPD) is outside stated control limits.
Q	Elevated reporting limit. The reporting limit is elevated due to high analyte levels.
V	General Chemistry: Elevated reporting limit due to limited sample volume.
Wa	Post digestion spike recovery fell between 40-85% due to matrix interference.
Wb	Post digestion spike recovery fell between 115-150% due to matrix interference.
I	Percent recovery is estimated since the results exceeded the calibration range.
T1	A tentatively identified compound that did not generate a spectral match of 80% or greater. Typically called "unknown"
T2	A tentatively identified compound with a spectral match of 80% or better
T3	A tentatively identified compound that was calibrated for by the lab, but not on the client target analyte list.
IC	Diluted due to high inorganic chloride.

EXECUTIVE SUMMARY - Detection Highlights

D8F050387

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NED'S SPRING 06/04/08 09:30 001				
Calcium - DISSOLVED	58	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	22	0.20	mg/L	SW846 6010B
Manganese - DISSOLVED	0.027	0.010	mg/L	SW846 6010B
Sodium - DISSOLVED	42	1.0	mg/L	SW846 6010B
Benzene	160	20	ug/L	SW846 8260B
Toluene	580	20	ug/L	SW846 8260B
Xylenes (total)	1200	40	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	76	20	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	100	20	ug/L	SW846 8260B
m-Xylene & p-Xylene	970	40	ug/L	SW846 8260B
o-Xylene	200	20	ug/L	SW846 8260B
Bicarbonate	230	5.0	mg/L	SM18 2320 B
Alkalinity				
Chloride	41	3.0	mg/L	MCAWW 300.0A
Sulfate	48	5.0	mg/L	MCAWW 300.0A
Specific Conductance	660	2.0	umhos/cm	SM18 2510 B
Total Dissolved	380	10	mg/L	SM18 2540 C
Solids				
Total Alkalinity	230	5.0	mg/L	SM18 2320 B
pH	7.6	0.10	No Units	SM18 4500-H B
NED'S CABIN 06/04/08 10:05 002				
Calcium - DISSOLVED	57	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	21	0.20	mg/L	SW846 6010B
Manganese - DISSOLVED	0.032	0.010	mg/L	SW846 6010B
Sodium - DISSOLVED	40	1.0	mg/L	SW846 6010B
Benzene	65	10	ug/L	SW846 8260B
Toluene	180	10	ug/L	SW846 8260B
Xylenes (total)	270	20	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	58	10	ug/L	SW846 8260B
m-Xylene & p-Xylene	150	20	ug/L	SW846 8260B
o-Xylene	110	10	ug/L	SW846 8260B
Bicarbonate	230	5.0	mg/L	SM18 2320 B
Alkalinity				
Chloride	35	3.0	mg/L	MCAWW 300.0A
Sulfate	45	5.0	mg/L	MCAWW 300.0A
Nitrate	0.53	0.50	mg/L	MCAWW 300.0A
Specific Conductance	630	2.0	umhos/cm	SM18 2510 B
Total Dissolved	360	10	mg/L	SM18 2540 C
Solids				
Total Alkalinity	230	5.0	mg/L	SM18 2320 B
pH	7.7	0.10	No Units	SM18 4500-H B

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EXECUTIVE SUMMARY - Detection Highlights

D8F050387

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SECOND SPRING 06/04/08 10:40 003				
Calcium - DISSOLVED	88	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	29	0.20	mg/L	SW846 6010B
Sodium - DISSOLVED	52	1.0	mg/L	SW846 6010B
Bicarbonate	210	5.0	mg/L	SM18 2320 B
Alkalinity				
Chloride	160 Q	15	mg/L	MCAWW 300.0A
Sulfate	43	5.0	mg/L	MCAWW 300.0A
Nitrate	0.71	0.50	mg/L	MCAWW 300.0A
Bromide	0.78	0.20	mg/L	MCAWW 300.0A
Specific Conductance	950	2.0	umhos/cm	SM18 2510 B
Total Dissolved	600	10	mg/L	SM18 2540 C
Solids				
Total Alkalinity	210	5.0	mg/L	SM18 2320 B
pH	7.8	0.10	No Units	SM18 4500-H B
DICK'S SPRING 06/04/08 11:05 004				
Calcium - DISSOLVED	55	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	19	0.20	mg/L	SW846 6010B
Sodium - DISSOLVED	30	1.0	mg/L	SW846 6010B
Bicarbonate	230	5.0	mg/L	SM18 2320 B
Alkalinity				
Chloride	24	3.0	mg/L	MCAWW 300.0A
Sulfate	35	5.0	mg/L	MCAWW 300.0A
Nitrate	0.97	0.50	mg/L	MCAWW 300.0A
Specific Conductance	570	2.0	umhos/cm	SM18 2510 B
Total Dissolved	370	10	mg/L	SM18 2540 C
Solids				
Total Alkalinity	230	5.0	mg/L	SM18 2320 B
pH	7.7	0.10	No Units	SM18 4500-H B
DONNA'S SPRING 06/04/08 11:31 005				
Calcium - DISSOLVED	64	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	24	0.20	mg/L	SW846 6010B
Sodium - DISSOLVED	77	1.0	mg/L	SW846 6010B
Bicarbonate	240	5.0	mg/L	SM18 2320 B
Alkalinity				
Chloride	110 Q	15	mg/L	MCAWW 300.0A
Sulfate	49	5.0	mg/L	MCAWW 300.0A
Nitrate	1.4	0.50	mg/L	MCAWW 300.0A
Bromide	0.47	0.20	mg/L	MCAWW 300.0A
Specific Conductance	870	2.0	umhos/cm	SM18 2510 B

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EXECUTIVE SUMMARY - Detection Highlights

D8F050387

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
DONNA'S SPRING 06/04/08 11:31 005				
Total Dissolved Solids	500	10	mg/L	SM18 2540 C
Total Alkalinity	240	5.0	mg/L	SM18 2320 B
pH	7.8	0.10	No Units	SM18 4500-H B
NED'S STOCK POND 06/04/08 11:58 006				
Calcium - DISSOLVED	64	0.20	mg/L	SW846 6010B
Magnesium - DISSOLVED	24	0.20	mg/L	SW846 6010B
Sodium - DISSOLVED	44	1.0	mg/L	SW846 6010B
Toluene	1.0	1.0	ug/L	SW846 8260B
Bicarbonate Alkalinity	200	5.0	mg/L	SM18 2320 B
Chloride	91 Q	15	mg/L	MCAWW 300.0A
Sulfate	41	5.0	mg/L	MCAWW 300.0A
Bromide	0.43	0.20	mg/L	MCAWW 300.0A
Specific Conductance	760	2.0	umhos/cm	SM18 2510 B
Total Dissolved Solids	410	10	mg/L	SM18 2540 C
Total Alkalinity	200	5.0	mg/L	SM18 2320 B
pH	8.2	0.10	No Units	SM18 4500-H B
CSOC 697-14 NO.1 PROD. WTR. 06/04/08 12:45 007				
Calcium - DISSOLVED	110	0.20	mg/L	SW846 6010B
Iron - DISSOLVED	18	0.10	mg/L	SW846 6010B
Potassium - DISSOLVED	420	3.0	mg/L	SW846 6010B
Magnesium - DISSOLVED	7.7	0.20	mg/L	SW846 6010B
Manganese - DISSOLVED	0.86	0.010	mg/L	SW846 6010B
Sodium - DISSOLVED	1100	1.0	mg/L	SW846 6010B
Benzene	540	100	ug/L	SW846 8260B
Toluene	1200	100	ug/L	SW846 8260B
Xylenes (total)	1300	200	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	250	100	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	290	100	ug/L	SW846 8260B
m-Xylene & p-Xylene	1100	200	ug/L	SW846 8260B
o-Xylene	210	100	ug/L	SW846 8260B
Bicarbonate Alkalinity	140	5.0	mg/L	SM18 2320 B
Chloride	2200 Q	150	mg/L	MCAWW 300.0A
Fluoride	25 Q	2.5	mg/L	MCAWW 300.0A
Phosphate as P, Ortho	11 Q	2.5	mg/L	MCAWW 300.0A

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EXECUTIVE SUMMARY - Detection Highlights

D8F050387

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
CSOC 697-14 NO.1 PROD. WTR. 06/04/08 12:45 007				
Bromide	8.4 G	1.0	mg/L	MCAWW 300.0A
Specific Conductance	7300	2.0	umhos/cm	SM18 2510 B
Total Dissolved Solids	4300	10	mg/L	SM18 2540 C
Total Alkalinity	140	5.0	mg/L	SM18 2320 B
pH	6.7	0.10	No Units	SM18 4500-H B
NED'S SPRING 06/04/08 09:30 008				
Diesel Range Organics (C10-C28)	29	5.5	mg/kg	SW846 8015B
Percent Moisture	28	0.10	%	MCAWW 160.3 MOD

METHODS SUMMARY

D8F050387

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	SM18 4500-H B	SM18 4500-H B
Alkalinity, Total	SM18 2320 B	SM18 2320 B
Bicarbonate alkalinity	SM18 2320 B	SM20 2320B
Bromide	MCAWW 300.0A	MCAWW 300.0A
Carbonate Alkalinity	SM18 2320 B	SM20 2320B
Chloride	MCAWW 300.0A	MCAWW 300.0A
Dissolved Gases in Water	RSK SOP-175	RSK RSKSOP-175
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Fluoride	MCAWW 300.0A	MCAWW 300.0A
Hydroxide Alkalinity	SM18 2320 B	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3005A
ICP-MS (6020)	SW846 6020	SW846 3005A
Nitrate as N	MCAWW 300.0A	MCAWW 300.0A
Nitrite as N	MCAWW 300.0A	MCAWW 300.0A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Phosphate as P, Ortho	MCAWW 300.0A	MCAWW 300.0A
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Specific Conductance	SM18 2510 B	MCAWW 2510B
Sulfate	MCAWW 300.0A	MCAWW 300.0A
Total Dissolved Solids	SM18 2540 C	SM18 2540 C
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SM18	"Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D8F050387

<u>ANALYTICAL METHOD</u>	<u>ANALYST</u>	<u>ANALYST ID</u>
MCAWW 160.3 MOD	Erica Arteaga	005682
MCAWW 300.0A	Brett Wolff	009878
MCAWW 300.0A	Eva Jonska-Muteba	004988
RSK SOP-175	Brian Ream	000323
SM18 2320 B	Marcia DeRosia	002500
SM18 2510 B	Athena Lopez	002674
SM18 2540 C	Athena Lopez	002674
SM18 4500-H B	Erica Arteaga	005682
SM18 4500-H B	Sarah Lambert	005039
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6020	Thomas Lill	6929
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8260B	Ashley Wolfe	004211
SW846 8270C	Mike G. Hoffman	001880

References:

MCAWW	"Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
RSK	Sample Prep and Calculations for Dissolved Gas Analysis in Water Samples Using a GC Headspace Equilibration Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab
SM18	"Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.
SW846	"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D8F050387

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KPGKD	001	NED'S SPRING	06/04/08	09:30
KPGKF	002	NED'S CABIN	06/04/08	10:05
KPGKH	003	SECOND SPRING	06/04/08	10:40
KPGKJ	004	DICK'S SPRING	06/04/08	11:05
KPGKK	005	DONNA'S SPRING	06/04/08	11:31
KPGKM	006	NED'S STOCK POND	06/04/08	11:58
KPGKP	007	CSOC 697-14 NO.1 PROD. WTR.	06/04/08	12:45
KPGKT	008	NED'S SPRING	06/04/08	09:30

NOTE(S) :

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

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

GC/MS Volatiles

Lot-Sample #....: D8F050387-001 **Work Order #....:** KPGKD1A2 **Matrix.....:** WATER
Date Sampled....: 06/04/08 09:30 **Date Received...:** 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...:** 06/11/08
Prep Batch #....: 8163537 **Analysis Time...:** 03:41
Dilution Factor: 20
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	200	ug/L
Benzene	160	20	ug/L
Bromodichloromethane	ND	20	ug/L
Bromoform	ND	20	ug/L
Bromomethane	ND	40	ug/L
2-Butanone (MEK)	ND	120	ug/L
Carbon tetrachloride	ND	20	ug/L
Chlorobenzene	ND	20	ug/L
Chloroethane	ND	40	ug/L
Chloroform	ND	20	ug/L
Chloromethane	ND	40	ug/L
Dibromomethane	ND	20	ug/L
1,2-Dibromoethane (EDB)	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,3-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	20	ug/L
Dichlorodifluoromethane	ND	40	ug/L
1,1-Dichloroethane	ND	20	ug/L
1,2-Dichloroethane	ND	20	ug/L
1,1-Dichloroethene	ND	20	ug/L
1,2-Dichloroethene	ND	20	ug/L
(total)			
cis-1,2-Dichloroethene	ND	20	ug/L
trans-1,2-Dichloroethene	ND	20	ug/L
1,2-Dichloropropane	ND	20	ug/L
cis-1,3-Dichloropropene	ND	20	ug/L
trans-1,3-Dichloropropene	ND	60	ug/L
Ethylbenzene	ND	20	ug/L
2-Hexanone	ND	100	ug/L
Methylene chloride	ND	100	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Styrene	ND	20	ug/L
1,1,1,2-Tetrachloroethane	ND	20	ug/L
1,1,2,2-Tetrachloroethane	ND	20	ug/L
Tetrachloroethene	ND	20	ug/L
Toluene	580	20	ug/L
1,2,4-Trichloro- benzene	ND	20	ug/L

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Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

GC/MS Volatiles

Lot-Sample #....: D8F050387-001 Work Order #....: KPGKD1A2 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	20	ug/L
1,1,2-Trichloroethane	ND	20	ug/L
Trichloroethene	ND	20	ug/L
Trichlorofluoromethane	ND	40	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
Vinyl chloride	ND	20	ug/L
Xylenes (total)	1200	40	ug/L
n-Butylbenzene	ND	20	ug/L
sec-Butylbenzene	ND	20	ug/L
Isopropylbenzene	ND	20	ug/L
1,2,4-Trimethylbenzene	76	20	ug/L
1,3,5-Trimethylbenzene	100	20	ug/L
n-Propylbenzene	ND	20	ug/L
tert-Butylbenzene	ND	20	ug/L
Dibromochloromethane	ND	20	ug/L
2-Chlorotoluene	ND	20	ug/L
4-Chlorotoluene	ND	20	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	100	ug/L
1,3-Dichloropropane	ND	20	ug/L
2,2-Dichloropropane	ND	100	ug/L
1,1-Dichloropropene	ND	20	ug/L
Hexachlorobutadiene	ND	20	ug/L
4-Isopropyltoluene	ND	20	ug/L
Methyl tert-butyl ether	ND	100	ug/L
1,2,3-Trichlorobenzene	ND	20	ug/L
m-Xylene & p-Xylene	970	40	ug/L
o-Xylene	200	20	ug/L
Bromobenzene	ND	20	ug/L
Bromochloromethane	ND	20	ug/L
Naphthalene	ND	20	ug/L
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
Dibromofluoromethane	100	(79 - 119)	
1,2-Dichloroethane-d4	90	(65 - 126)	
4-Bromofluorobenzene	103	(75 - 115)	
Toluene-d8	86	(78 - 118)	

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

GC/MS Volatiles

Lot-Sample #...: D8F050387-002 **Work Order #...**: KPGKF1AD **Matrix.....**: WATER
Date Sampled...: 06/04/08 10:05 **Date Received...**: 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...**: 06/11/08
Prep Batch #...: 8163537 **Analysis Time...**: 04:01
Dilution Factor: 10
Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Acetone	ND	100	ug/L
Benzene	65	10	ug/L
Bromodichloromethane	ND	10	ug/L
Bromoform	ND	10	ug/L
Bromomethane	ND	20	ug/L
2-Butanone (MEK)	ND	60	ug/L
Carbon tetrachloride	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
Chloroethane	ND	20	ug/L
Chloroform	ND	10	ug/L
Chloromethane	ND	20	ug/L
Dibromomethane	ND	10	ug/L
1,2-Dibromoethane (EDB)	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
Dichlorodifluoromethane	ND	20	ug/L
1,1-Dichloroethane	ND	10	ug/L
1,2-Dichloroethane	ND	10	ug/L
1,1-Dichloroethene	ND	10	ug/L
1,2-Dichloroethene	ND	10	ug/L
(total)			
cis-1,2-Dichloroethene	ND	10	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,2-Dichloropropane	ND	10	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	30	ug/L
Ethylbenzene	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Methylene chloride	ND	50	ug/L
4-Methyl-2-pentanone	ND	50	ug/L
Styrene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
1,1,2,2-Tetrachloroethane	ND	10	ug/L
Tetrachloroethene	ND	10	ug/L
Toluene	180	10	ug/L
1,2,4-Trichloro- benzene	ND	10	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

GC/MS Volatiles

Lot-Sample #....: D8F050387-002 Work Order #....: KPGKF1AD Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	10	ug/L
1,1,2-Trichloroethane	ND	10	ug/L
Trichloroethene	ND	10	ug/L
Trichlorofluoromethane	ND	20	ug/L
1,2,3-Trichloropropane	ND	25	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	270	20	ug/L
n-Butylbenzene	ND	10	ug/L
sec-Butylbenzene	ND	10	ug/L
Isopropylbenzene	ND	10	ug/L
1,2,4-Trimethylbenzene	ND	10	ug/L
1,3,5-Trimethylbenzene	58	10	ug/L
n-Propylbenzene	ND	10	ug/L
tert-Butylbenzene	ND	10	ug/L
Dibromochloromethane	ND	10	ug/L
2-Chlorotoluene	ND	10	ug/L
4-Chlorotoluene	ND	10	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	ug/L
1,3-Dichloropropane	ND	10	ug/L
2,2-Dichloropropane	ND	50	ug/L
1,1-Dichloropropene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
4-Isopropyltoluene	ND	10	ug/L
Methyl tert-butyl ether	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
m-Xylene & p-Xylene	150	20	ug/L
o-Xylene	110	10	ug/L
Bromobenzene	ND	10	ug/L
Bromochloromethane	ND	10	ug/L
Naphthalene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	87	(78 - 118)

Colorado Oil&Gas Conservation Commision

Client Sample ID: SECOND SPRING

GC/MS Volatiles

Lot-Sample #....: D8F050387-003 **Work Order #....:** KPGKH1AD **Matrix.....:** WATER
Date Sampled....: 06/04/08 10:40 **Date Received...:** 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...:** 06/11/08
Prep Batch #....: 8163537 **Analysis Time...:** 04:21
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone (MEK)	ND	6.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene	ND	1.0	ug/L
(total)			
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	3.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: SECOND SPRING

GC/MS Volatiles

Lot-Sample #...: D8F050387-003 Work Order #...: KPGKH1AD Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
4-Isopropyltoluene	ND	1.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	98	(79 - 119)
1,2-Dichloroethane-d4	88	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	85	(78 - 118)

Colorado Oil&Gas Conservation Commision

Client Sample ID: DICK'S SPRING

GC/MS Volatiles

Lot-Sample #....: D8F050387-004 Work Order #....: KPGKJ1AD Matrix.....: WATER
 Date Sampled....: 06/04/08 11:05 Date Received...: 06/05/08
 Prep Date.....: 06/10/08 Analysis Date...: 06/11/08
 Prep Batch #....: 8163537 Analysis Time...: 04:41
 Dilution Factor: 1
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone (MEK)	ND	6.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene (total)	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	3.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: DICK'S SPRING

GC/MS Volatiles

Lot-Sample #...: D8F050387-004 Work Order #...: KPGKJ1AD Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3- chloropropane (DBCP)	ND	5.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
4-Isopropyltoluene	ND	1.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	98	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
4-Bromofluorobenzene	104	(75 - 115)
Toluene-d8	85	(78 - 118)

Colorado Oil&Gas Conservation Commision

Client Sample ID: DONNA'S SPRING

GC/MS Volatiles

Lot-Sample #....: D8F050387-005 **Work Order #....:** KPGKK1AD **Matrix.....:** WATER
Date Sampled....: 06/04/08 11:31 **Date Received...:** 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...:** 06/11/08
Prep Batch #....: 8163537 **Analysis Time...:** 05:01
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone (MEK)	ND	6.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene	ND	1.0	ug/L
(total)			
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	3.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commission

Client Sample ID: DONNA'S SPRING

GC/MS Volatiles

Lot-Sample #...: D8F050387-005 Work Order #...: KPGKK1AD Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
4-Isopropyltoluene	ND	1.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	99	(79 - 119)
1,2-Dichloroethane-d4	86	(65 - 126)
4-Bromofluorobenzene	105	(75 - 115)
Toluene-d8	83	(78 - 118)

Colorado Oil&Gas Conservation Commission

Client Sample ID: NED'S STOCK POND

GC/MS Volatiles

Lot-Sample #....: D8F050387-006 **Work Order #....:** KPGKM1AD **Matrix.....:** WATER
Date Sampled....: 06/04/08 11:58 **Date Received...:** 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...:** 06/11/08
Prep Batch #....: 8163537 **Analysis Time...:** 05:22
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	10	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
2-Butanone (MEK)	ND	6.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloroethene	ND	1.0	ug/L
(total)			
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	3.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	1.0	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S STOCK POND

GC/MS Volatiles

Lot-Sample #...: D8F050387-006 Work Order #...: KPGKM1AD Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
4-Isopropyltoluene	ND	1.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
1,2-Dichloroethane-d4	85	(65 - 126)
4-Bromofluorobenzene	103	(75 - 115)
Toluene-d8	86	(78 - 118)

Colorado Oil&Gas Conservation Commission

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

GC/MS Volatiles

Lot-Sample #....: D8F050387-007 **Work Order #....:** KPGKP1A1 **Matrix.....:** WATER
Date Sampled....: 06/04/08 12:45 **Date Received...:** 06/05/08
Prep Date.....: 06/10/08 **Analysis Date...:** 06/11/08
Prep Batch #....: 8163537 **Analysis Time...:** 05:42
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1000	ug/L
Benzene	540	100	ug/L
Bromodichloromethane	ND	100	ug/L
Bromoform	ND	100	ug/L
Bromomethane	ND	200	ug/L
2-Butanone (MEK)	ND	600	ug/L
Carbon tetrachloride	ND	100	ug/L
Chlorobenzene	ND	100	ug/L
Chloroethane	ND	200	ug/L
Chloroform	ND	100	ug/L
Chloromethane	ND	200	ug/L
Dibromomethane	ND	100	ug/L
1,2-Dibromoethane (EDB)	ND	100	ug/L
1,2-Dichlorobenzene	ND	100	ug/L
1,3-Dichlorobenzene	ND	100	ug/L
1,4-Dichlorobenzene	ND	100	ug/L
Dichlorodifluoromethane	ND	200	ug/L
1,1-Dichloroethane	ND	100	ug/L
1,2-Dichloroethane	ND	100	ug/L
1,1-Dichloroethene	ND	100	ug/L
1,2-Dichloroethene	ND	100	ug/L
(total)			
cis-1,2-Dichloroethene	ND	100	ug/L
trans-1,2-Dichloroethene	ND	100	ug/L
1,2-Dichloropropane	ND	100	ug/L
cis-1,3-Dichloropropene	ND	100	ug/L
trans-1,3-Dichloropropene	ND	300	ug/L
Ethylbenzene	ND	100	ug/L
2-Hexanone	ND	500	ug/L
Methylene chloride	ND	500	ug/L
4-Methyl-2-pentanone	ND	500	ug/L
Styrene	ND	100	ug/L
1,1,1,2-Tetrachloroethane	ND	100	ug/L
1,1,2,2-Tetrachloroethane	ND	100	ug/L
Tetrachloroethene	ND	100	ug/L
Toluene	1200	100	ug/L
1,2,4-Trichloro- benzene	ND	100	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

GC/MS Volatiles

Lot-Sample #....: D8F050387-007 Work Order #....: KPGKP1A1 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	100	ug/L
1,1,2-Trichloroethane	ND	100	ug/L
Trichloroethene	ND	100	ug/L
Trichlorofluoromethane	ND	200	ug/L
1,2,3-Trichloropropane	ND	250	ug/L
Vinyl chloride	ND	150	ug/L
Xylenes (total)	1300	200	ug/L
n-Butylbenzene	ND	100	ug/L
sec-Butylbenzene	ND	100	ug/L
Isopropylbenzene	ND	100	ug/L
1,2,4-Trimethylbenzene	250	100	ug/L
1,3,5-Trimethylbenzene	290	100	ug/L
n-Propylbenzene	ND	100	ug/L
tert-Butylbenzene	ND	100	ug/L
Dibromochloromethane	ND	100	ug/L
2-Chlorotoluene	ND	100	ug/L
4-Chlorotoluene	ND	100	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	500	ug/L
1,3-Dichloropropane	ND	100	ug/L
2,2-Dichloropropane	ND	500	ug/L
1,1-Dichloropropene	ND	100	ug/L
Hexachlorobutadiene	ND	100	ug/L
4-Isopropyltoluene	ND	100	ug/L
Methyl tert-butyl ether	ND	500	ug/L
1,2,3-Trichlorobenzene	ND	100	ug/L
m-Xylene & p-Xylene	1100	200	ug/L
o-Xylene	210	100	ug/L
Bromobenzene	ND	100	ug/L
Bromochloromethane	ND	100	ug/L
Naphthalene	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(79 - 119)
1,2-Dichloroethane-d4	87	(65 - 126)
4-Bromofluorobenzene	101	(75 - 115)
Toluene-d8	88	(78 - 118)

Colorado Oil&Gas Conservation Commission

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

GC/MS Semivolatiles

Lot-Sample #....: D8F050387-007 **Work Order #....:** KPGKP1A2 **Matrix.....:** WATER
Date Sampled....: 06/04/08 12:45 **Date Received...:** 06/05/08
Prep Date.....: 06/09/08 **Analysis Date...:** 06/18/08
Prep Batch #....: 8161340 **Analysis Time...:** 21:24
Dilution Factor: 80
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzidine	ND	8000	ug/L
Acenaphthene	ND	320	ug/L
Acenaphthylene	ND	320	ug/L
Acetophenone	ND	800	ug/L
Anthracene	ND	320	ug/L
Benzo (a) anthracene	ND	320	ug/L
Benzo (b) fluoranthene	ND	320	ug/L
Benzo (k) fluoranthene	ND	320	ug/L
Benzo (ghi) perylene	ND	320	ug/L
Benzo (a) pyrene	ND	320	ug/L
bis (2-Chloroethoxy) methane	ND	800	ug/L
bis (2-Chloroethyl) - ether	ND	800	ug/L
bis (2-Ethylhexyl) phthalate	ND	800	ug/L
4-Bromophenyl phenyl ether	ND	800	ug/L
Butyl benzyl phthalate	ND	320	ug/L
4-Chloroaniline	ND	800	ug/L
4-Chloro-3-methylphenol	ND	800	ug/L
2-Chloronaphthalene	ND	320	ug/L
2-Chlorophenol	ND	800	ug/L
4-Chlorophenyl phenyl ether	ND	800	ug/L
Chrysene	ND	320	ug/L
Dibenz (a,h) anthracene	ND	320	ug/L
Dibenzofuran	ND	320	ug/L
Di-n-butyl phthalate	ND	320	ug/L
3,3'-Dichlorobenzidine	ND	4000	ug/L
2,4-Dichlorophenol	ND	800	ug/L
Diethyl phthalate	ND	320	ug/L
2,4-Dimethylphenol	ND	800	ug/L
Dimethyl phthalate	ND	320	ug/L
4,6-Dinitro- 2-methylphenol	ND	4000	ug/L
2,4-Dinitrophenol	ND	2400	ug/L
2,4-Dinitrotoluene	ND	800	ug/L

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

GC/MS Semivolatiles

Lot-Sample #...: D8F050387-007 Work Order #...: KPGKP1A2 Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
2,6-Dinitrotoluene	ND	800	ug/L
Di-n-octyl phthalate	ND	320	ug/L
Fluoranthene	ND	320	ug/L
Fluorene	ND	320	ug/L
Hexachlorobenzene	ND	800	ug/L
Hexachlorocyclopenta- diene	ND	4000	ug/L
Hexachloroethane	ND	800	ug/L
Indeno (1,2,3-cd) pyrene	ND	320	ug/L
2-Methylnaphthalene	ND	320	ug/L
2-Methylphenol	ND	800	ug/L
Naphthalene	ND	320	ug/L
2-Nitroaniline	ND	800	ug/L
3-Nitroaniline	ND	800	ug/L
4-Nitroaniline	ND	800	ug/L
Nitrobenzene	ND	800	ug/L
2-Nitrophenol	ND	800	ug/L
4-Nitrophenol	ND	800	ug/L
N-Nitrosodiphenylamine	ND	800	ug/L
N-Nitrosodi-n-propyl- amine	ND	800	ug/L
Pentachlorophenol	ND	4000	ug/L
Phenanthrene	ND	320	ug/L
Phenol	ND	800	ug/L
Pyrene	ND	800	ug/L
2,4,5-Trichloro- phenol	ND	800	ug/L
2,4,6-Trichloro- phenol	ND	800	ug/L
bis (2-Chloroisopropyl) ether	ND	800	ug/L
4-Methylphenol	ND	800	ug/L
Hexachlorobutadiene	ND	800	ug/L
Caprolactam	ND	800	ug/L
Atrazine	ND	800	ug/L
Carbazole	ND	320	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2-Fluorophenol	NC,DIL	(40 - 120)
Phenol-d5	NC,DIL	(51 - 120)
Nitrobenzene-d5	NC,DIL	(47 - 120)
2-Fluorobiphenyl	NC,DIL	(42 - 120)
2,4,6-Tribromophenol	NC,DIL	(47 - 120)
Terphenyl-d14	NC,DIL	(30 - 127)

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

GC/MS Semivolatiles

Lot-Sample #...: D8F050387-007 Work Order #...: KPGKP1A2 Matrix.....: WATER

NOTE(S) :

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

GC Volatiles

Lot-Sample #...: D8F050387-001 Work Order #...: KPGKD1AH Matrix.....: WATER
Date Sampled...: 06/04/08 09:30 Date Received...: 06/05/08
Prep Date.....: 06/10/08 Analysis Date...: 06/10/08
Prep Batch #...: 8162376 Analysis Time...: 11:48
Dilution Factor: 1
Method.....: RSK SOP-175

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

GC Volatiles

Lot-Sample #....: D8F050387-002 Work Order #....: KPGKF1AL Matrix.....: WATER
Date Sampled....: 06/04/08 10:05 Date Received...: 06/05/08
Prep Date.....: 06/10/08 Analysis Date...: 06/10/08
Prep Batch #....: 8162376 Analysis Time...: 11:52
Dilution Factor: 1
Method.....: RSK SOP-175

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commision

Client Sample ID: SECOND SPRING

GC Volatiles

Lot-Sample #...: D8F050387-003 Work Order #...: KPGKH1AL Matrix.....: WATER
Date Sampled...: 06/04/08 10:40 Date Received...: 06/05/08
Prep Date.....: 06/10/08 Analysis Date...: 06/10/08
Prep Batch #...: 8162376 Analysis Time...: 12:00
Dilution Factor: 1
Method.....: RSK SOP-175

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commission

Client Sample ID: DICK'S SPRING

GC Volatiles

Lot-Sample #...: D8F050387-004 Work Order #...: KPGKJ1AL Matrix.....: WATER
Date Sampled...: 06/04/08 11:05 Date Received...: 06/05/08
Prep Date.....: 06/10/08 Analysis Date...: 06/10/08
Prep Batch #...: 8162376 Analysis Time...: 12:04
Dilution Factor: 1
Method.....: RSK SOP-175

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commision

Client Sample ID: DONNA'S SPRING

GC Volatiles

Lot-Sample #...: D8F050387-005 Work Order #...: KPGKK1AL Matrix.....: WATER
Date Sampled...: 06/04/08 11:31 Date Received..: 06/05/08
Prep Date.....: 06/10/08 Analysis Date..: 06/10/08
Prep Batch #...: 8162376 Analysis Time..: 12:08
Dilution Factor: 1
Method.....: RSK SOP-175

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S STOCK POND

GC Volatiles

Lot-Sample #...: D8F050387-006 Work Order #...: KPGKM1AL Matrix.....: WATER
Date Sampled...: 06/04/08 11:58 Date Received...: 06/05/08
Prep Date.....: 06/10/08 Analysis Date...: 06/10/08
Prep Batch #...: 8162376 Analysis Time...: 12:12
Dilution Factor: 1
Method.....: RSK SOP-175

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Methane	ND	5.0	ug/L

Colorado Oil&Gas Conservation Commission

Client Sample ID: NED'S SPRING

GC Volatiles

Lot-Sample #....: D8F050387-008 Work Order #....: KPGKT1AA Matrix.....: SOLID
Date Sampled....: 06/04/08 09:30 Date Received...: 06/05/08
Prep Date.....: 06/13/08 Analysis Date...: 06/13/08
Prep Batch #....: 8166053 Analysis Time...: 13:57
Dilution Factor: 1
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Gasoline Range Organics	ND	1.7	mg/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
a,a,a-Trifluorotoluene	76 *	(77 - 123)

NOTE(S) :

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

GC Semivolatiles

Lot-Sample #...: D8F050387-008 Work Order #...: KPGKT1AC Matrix.....: SOLID
Date Sampled...: 06/04/08 09:30 Date Received...: 06/05/08
Prep Date.....: 06/16/08 Analysis Date...: 06/18/08
Prep Batch #...: 8168495 Analysis Time...: 15:57
Dilution Factor: 1
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Diesel Range Organics (C10-C28)	29	5.5	mg/kg

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
o-Terphenyl	56	(45 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

DISSOLVED Metals

Lot-Sample #...: D8F050387-001

Matrix.....: WATER

Date Sampled...: 06/04/08 09:30 Date Received...: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 8159049						
Calcium	58	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AR
		Dilution Factor: 1		Analysis Time...: 08:47		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AT
		Dilution Factor: 1		Analysis Time...: 08:47		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AU
		Dilution Factor: 1		Analysis Time...: 08:47		
Magnesium	22	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AV
		Dilution Factor: 1		Analysis Time...: 08:47		
Manganese	0.027	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AW
		Dilution Factor: 1		Analysis Time...: 08:47		
Sodium	42	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKD1AX
		Dilution Factor: 1		Analysis Time...: 08:47		
Prep Batch #...: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKD1A0
		Dilution Factor: 1		Analysis Time...: 21:04		

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

DISSOLVED Metals

Lot-Sample #...: D8F050387-002

Matrix.....: WATER

Date Sampled...: 06/04/08 10:05 Date Received...: 06/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8159049						
Calcium	57	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1AV
		Dilution Factor: 1		Analysis Time...: 08:51		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1AW
		Dilution Factor: 1		Analysis Time...: 08:51		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1AX
		Dilution Factor: 1		Analysis Time...: 08:51		
Magnesium	21	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1A0
		Dilution Factor: 1		Analysis Time...: 08:51		
Manganese	0.032	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1A1
		Dilution Factor: 1		Analysis Time...: 08:51		
Sodium	40	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKF1A2
		Dilution Factor: 1		Analysis Time...: 08:51		
Prep Batch #...: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKF1AA
		Dilution Factor: 1		Analysis Time...: 21:09		

Colorado Oil&Gas Conservation Commision

Client Sample ID: SECOND SPRING

DISSOLVED Metals

Lot-Sample #...: D8F050387-003

Matrix.....: WATER

Date Sampled...: 06/04/08 10:40 Date Received...: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 8159049						
Calcium	88	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1AV
		Dilution Factor: 1		Analysis Time...: 08:56		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1AW
		Dilution Factor: 1		Analysis Time...: 08:56		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1AX
		Dilution Factor: 1		Analysis Time...: 08:56		
Magnesium	29	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1A0
		Dilution Factor: 1		Analysis Time...: 08:56		
Manganese	ND	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1A1
		Dilution Factor: 1		Analysis Time...: 08:56		
Sodium	52	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKH1A2
		Dilution Factor: 1		Analysis Time...: 08:56		
Prep Batch #...: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKH1AA
		Dilution Factor: 1		Analysis Time...: 21:13		

Colorado Oil&Gas Conservation Commision

Client Sample ID: DICK'S SPRING

DISSOLVED Metals

Lot-Sample #...: D8F050387-004

Matrix.....: WATER

Date Sampled...: 06/04/08 11:05 Date Received...: 06/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 8159049						
Calcium	55	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1AV
		Dilution Factor: 1		Analysis Time...: 09:01		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1AW
		Dilution Factor: 1		Analysis Time...: 09:01		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1AX
		Dilution Factor: 1		Analysis Time...: 09:01		
Magnesium	19	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1A0
		Dilution Factor: 1		Analysis Time...: 09:01		
Manganese	ND	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1A1
		Dilution Factor: 1		Analysis Time...: 09:01		
Sodium	30	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKJ1A2
		Dilution Factor: 1		Analysis Time...: 09:01		
Prep Batch #....: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKJ1AA
		Dilution Factor: 1		Analysis Time...: 21:18		

Colorado Oil&Gas Conservation Commision

Client Sample ID: DONNA'S SPRING

DISSOLVED Metals

Lot-Sample #....: D8F050387-005

Matrix.....: WATER

Date Sampled...: 06/04/08 11:31 Date Received...: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 8159049						
Calcium	64	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1AV
		Dilution Factor: 1		Analysis Time...: 09:06		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1AW
		Dilution Factor: 1		Analysis Time...: 09:06		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1AX
		Dilution Factor: 1		Analysis Time...: 09:06		
Magnesium	24	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1A0
		Dilution Factor: 1		Analysis Time...: 09:06		
Manganese	ND	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1A1
		Dilution Factor: 1		Analysis Time...: 09:06		
Sodium	77	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKK1A2
		Dilution Factor: 1		Analysis Time...: 09:06		
Prep Batch #....: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKK1AA
		Dilution Factor: 1		Analysis Time...: 21:22		

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S STOCK POND

DISSOLVED Metals

Lot-Sample #...: D8F050387-006

Matrix.....: WATER

Date Sampled...: 06/04/08 11:58 Date Received...: 06/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8159049						
Calcium	64	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1AV
		Dilution Factor: 1		Analysis Time...: 09:11		
Iron	ND	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1AW
		Dilution Factor: 1		Analysis Time...: 09:11		
Potassium	ND	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1AX
		Dilution Factor: 1		Analysis Time...: 09:11		
Magnesium	24	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1A0
		Dilution Factor: 1		Analysis Time...: 09:11		
Manganese	ND	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1A1
		Dilution Factor: 1		Analysis Time...: 09:11		
Sodium	44	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKM1A2
		Dilution Factor: 1		Analysis Time...: 09:11		
Prep Batch #...: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKM1AA
		Dilution Factor: 1		Analysis Time...: 21:27		

Colorado Oil&Gas Conservation Commission

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

DISSOLVED Metals

Lot-Sample #...: D8F050387-007

Matrix.....: WATER

Date Sampled...: 06/04/08 12:45 Date Received...: 06/05/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8159049						
Calcium	110	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AQ
		Dilution Factor: 1		Analysis Time...: 09:30		
Iron	18	0.10	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AR
		Dilution Factor: 1		Analysis Time...: 09:30		
Potassium	420	3.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AT
		Dilution Factor: 1		Analysis Time...: 09:30		
Magnesium	7.7	0.20	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AU
		Dilution Factor: 1		Analysis Time...: 09:30		
Manganese	0.86	0.010	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AV
		Dilution Factor: 1		Analysis Time...: 09:30		
Sodium	1100	1.0	mg/L	SW846 6010B	06/11-06/12/08	KPGKP1AW
		Dilution Factor: 1		Analysis Time...: 09:30		
Prep Batch #...: 8159091						
Selenium	ND	0.0050	mg/L	SW846 6020	06/11-06/12/08	KPGKP1AX
		Dilution Factor: 1		Analysis Time...: 21:40		

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-001 Work Order #...: KPGKD Matrix.....: WATER
Date Sampled...: 06/04/08 09:30 Date Received...: 06/05/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	7.6	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:28		
Bicarbonate Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	ND	0.20	mg/L	MCAWW 300.0A	06/05/08	8158134
		Dilution Factor: 1		Analysis Time...: 22:02		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	41	3.0	mg/L	MCAWW 300.0A	06/05/08	8158126
		Dilution Factor: 1		Analysis Time...: 22:02		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158133
		Dilution Factor: 1		Analysis Time...: 22:02		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158122
		Dilution Factor: 1		Analysis Time...: 22:02		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158121
		Dilution Factor: 1		Analysis Time...: 22:02		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158123
		Dilution Factor: 1		Analysis Time...: 22:02		
Specific Conductance	660	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	48	5.0	mg/L	MCAWW 300.0A	06/05/08	8158129
		Dilution Factor: 1		Analysis Time...: 22:02		
Total Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-001

Work Order #...: KPGKD

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	380	10	mg/L	SM18 2540 C	06/10/08	8162499

Dilution Factor: 1

Analysis Time..: 16:30

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

General Chemistry

Lot-Sample #...: D8F050387-002 **Work Order #...:** KPGKF **Matrix.....:** WATER
Date Sampled...: 06/04/08 10:05 **Date Received...:** 06/05/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	7.7	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:44		
Bicarbonate Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	ND	0.20	mg/L	MCAWW 300.0A	06/05/08	8158134
		Dilution Factor: 1		Analysis Time...: 22:52		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	35	3.0	mg/L	MCAWW 300.0A	06/05/08	8158126
		Dilution Factor: 1		Analysis Time...: 22:52		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158133
		Dilution Factor: 1		Analysis Time...: 22:52		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	0.53	0.50	mg/L	MCAWW 300.0A	06/05/08	8158122
		Dilution Factor: 1		Analysis Time...: 22:52		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158121
		Dilution Factor: 1		Analysis Time...: 22:52		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158123
		Dilution Factor: 1		Analysis Time...: 22:52		
Specific Conductance	630	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	45	5.0	mg/L	MCAWW 300.0A	06/05/08	8158129
		Dilution Factor: 1		Analysis Time...: 22:52		
Total Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

(Continued on next page)

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S CABIN

General Chemistry

Lot-Sample #....: D8F050387-002

Work Order #....: KPGKF

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	360	10	mg/L	SM18 2540 C	06/10/08	8162499
			Dilution Factor: 1	Analysis Time...: 16:30		

Colorado Oil&Gas Conservation Commission

Client Sample ID: SECOND SPRING

General Chemistry

Lot-Sample #... D8F050387-003 **Work Order #...** KPGKH **Matrix.....** WATER
Date Sampled... 06/04/08 10:40 **Date Received...** 06/05/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	7.8	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:47		
Bicarbonate Alkalinity	210	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	0.78	0.20	mg/L	MCAWW 300.0A	06/05/08	8158134
		Dilution Factor: 1		Analysis Time...: 23:09		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	160 Q	15	mg/L	MCAWW 300.0A	06/05-06/06/08	8158126
		Dilution Factor: 5		Analysis Time...: 08:06		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158133
		Dilution Factor: 1		Analysis Time...: 23:09		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	0.71	0.50	mg/L	MCAWW 300.0A	06/05/08	8158122
		Dilution Factor: 1		Analysis Time...: 23:09		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158121
		Dilution Factor: 1		Analysis Time...: 23:09		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158123
		Dilution Factor: 1		Analysis Time...: 23:09		
Specific Conductance	950	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	43	5.0	mg/L	MCAWW 300.0A	06/05/08	8158129
		Dilution Factor: 1		Analysis Time...: 23:09		
Total Alkalinity	210	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commision

Client Sample ID: SECOND SPRING

General Chemistry

Lot-Sample #...: D8F050387-003

Work Order #...: KPGKH

Matrix.....: WATER

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	600	10	mg/L	SM18 2540 C	06/10/08	8162499
Dilution Factor: 1			Analysis Time..: 16:30			

NOTE(S) :

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Colorado Oil&Gas Conservation Commission

Client Sample ID: DICK'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-004 **Work Order #...**: KPGKJ **Matrix.....**: WATER
Date Sampled...: 06/04/08 11:05 **Date Received...**: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	7.7	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:48		
Bicarbonate Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	ND	0.20	mg/L	MCAWW 300.0A	06/05/08	8158134
		Dilution Factor: 1		Analysis Time...: 23:59		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	24	3.0	mg/L	MCAWW 300.0A	06/05/08	8158126
		Dilution Factor: 1		Analysis Time...: 23:59		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158133
		Dilution Factor: 1		Analysis Time...: 23:59		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	0.97	0.50	mg/L	MCAWW 300.0A	06/05/08	8158122
		Dilution Factor: 1		Analysis Time...: 23:59		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158121
		Dilution Factor: 1		Analysis Time...: 23:59		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05/08	8158123
		Dilution Factor: 1		Analysis Time...: 23:59		
Specific Conductance	570	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	35	5.0	mg/L	MCAWW 300.0A	06/05/08	8158129
		Dilution Factor: 1		Analysis Time...: 23:59		
Total Alkalinity	230	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commission

Client Sample ID: DICK'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-004

Work Order #...: KPGKJ

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	370	10	mg/L	SM18 2540 C	06/10/08	8162499

Dilution Factor: 1

Analysis Time..: 16:30

Colorado Oil&Gas Conservation Commission

Client Sample ID: DONNA'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-005 **Work Order #...**: KPGKK **Matrix.....**: WATER
Date Sampled...: 06/04/08 11:31 **Date Received...**: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	7.8	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:51		
Bicarbonate Alkalinity	240	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	0.47	0.20	mg/L	MCAWW 300.0A	06/05-06/06/08	8158134
		Dilution Factor: 1		Analysis Time...: 00:16		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	110 Q	15	mg/L	MCAWW 300.0A	06/05-06/06/08	8158126
		Dilution Factor: 5		Analysis Time...: 08:23		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158133
		Dilution Factor: 1		Analysis Time...: 00:16		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	1.4	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158122
		Dilution Factor: 1		Analysis Time...: 00:16		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158121
		Dilution Factor: 1		Analysis Time...: 00:16		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158123
		Dilution Factor: 1		Analysis Time...: 00:16		
Specific Conductance	870	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	49	5.0	mg/L	MCAWW 300.0A	06/05-06/06/08	8158129
		Dilution Factor: 1		Analysis Time...: 00:16		
Total Alkalinity	240	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commision

Client Sample ID: DONNA'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-005

Work Order #...: KPGKK

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	500	10	mg/L	SM18 2540 C	06/10/08	8162499
Dilution Factor: 1				Analysis Time...: 16:30		

NOTE(S) :

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Colorado Oil&Gas Conservation Commission

Client Sample ID: NED'S STOCK POND

General Chemistry

Lot-Sample #...: D8F050387-006 Work Order #...: KPGKM Matrix.....: WATER
Date Sampled...: 06/04/08 11:58 Date Received...: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	8.2	0.10	No Units	SM18 4500-H B	06/06/08	8158496
		Dilution Factor: 1		Analysis Time...: 11:52		
Bicarbonate Alkalinity	200	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	0.43	0.20	mg/L	MCAWW 300.0A	06/05-06/06/08	8158134
		Dilution Factor: 1		Analysis Time...: 00:33		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	91 Q	15	mg/L	MCAWW 300.0A	06/05-06/06/08	8158126
		Dilution Factor: 5		Analysis Time...: 08:40		
Fluoride	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158133
		Dilution Factor: 1		Analysis Time...: 00:33		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158122
		Dilution Factor: 1		Analysis Time...: 00:33		
Nitrite	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158121
		Dilution Factor: 1		Analysis Time...: 00:33		
Phosphate as P, Ortho	ND	0.50	mg/L	MCAWW 300.0A	06/05-06/06/08	8158123
		Dilution Factor: 1		Analysis Time...: 00:33		
Specific Conductance	760	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	41	5.0	mg/L	MCAWW 300.0A	06/05-06/06/08	8158129
		Dilution Factor: 1		Analysis Time...: 00:33		
Total Alkalinity	200	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S STOCK POND

General Chemistry

Lot-Sample #...: D8F050387-006

Work Order #...: KPGKM

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	410	10	mg/L	SM18 2540 C	06/10/08	8162499

Dilution Factor: 1

Analysis Time..: 16:30

NOTE(S) :

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Colorado Oil&Gas Conservation Commision

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

General Chemistry

Lot-Sample #...: D8F050387-007 Work Order #...: KPGKP Matrix.....: WATER
Date Sampled...: 06/04/08 12:45 Date Received...: 06/05/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	6.7	0.10	No Units	SM18 4500-H B	06/07/08	8162127
		Dilution Factor: 1		Analysis Time...: 09:35		
Bicarbonate Alkalinity	140	5.0	mg/L	SM18 2320 B	06/13/08	8168479
		Dilution Factor: 1		Analysis Time...: 16:00		
Bromide	8.4 G	1.0	mg/L	MCAWW 300.0A	06/05-06/06/08	8168480
		Dilution Factor: 5		Analysis Time...: 11:22		
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/13/08	8168488
		Dilution Factor: 1		Analysis Time...: 16:00		
Chloride	2200 Q	150	mg/L	MCAWW 300.0A	06/16/08	8169330
		Dilution Factor: 50		Analysis Time...: 22:01		
Fluoride	25 Q	2.5	mg/L	MCAWW 300.0A	06/05-06/06/08	8168481
		Dilution Factor: 5		Analysis Time...: 11:22		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	06/13/08	8169170
		Dilution Factor: 1		Analysis Time...: 16:00		
Nitrate	ND G	2.5	mg/L	MCAWW 300.0A	06/05-06/06/08	8158425
		Dilution Factor: 5		Analysis Time...: 11:22		
Nitrite	ND G	2.5	mg/L	MCAWW 300.0A	06/05-06/06/08	8158426
		Dilution Factor: 5		Analysis Time...: 11:22		
Phosphate as P, Ortho	11 Q	2.5	mg/L	MCAWW 300.0A	06/05-06/06/08	8158427
		Dilution Factor: 5		Analysis Time...: 11:22		
Specific Conductance	7300	2.0	umhos/cm	SM18 2510 B	06/13/08	8168374
		Dilution Factor: 1		Analysis Time...: 18:30		
Sulfate	ND G	25	mg/L	MCAWW 300.0A	06/05-06/06/08	8168482
		Dilution Factor: 5		Analysis Time...: 11:22		
Total Alkalinity	140	5.0	mg/L	SM18 2320 B	06/13/08	8165482
		Dilution Factor: 1		Analysis Time...: 16:00		

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Colorado Oil&Gas Conservation Commision

Client Sample ID: CSOC 697-14 NO.1 PROD. WTR.

General Chemistry

Lot-Sample #...: D8F050387-007

Work Order #...: KPGKP

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Dissolved Solids	4300	10	mg/L	SM18 2540 C	06/10/08	8162499

Dilution Factor: 1

Analysis Time...: 16:30

NOTE(S) :

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Colorado Oil&Gas Conservation Commision

Client Sample ID: NED'S SPRING

General Chemistry

Lot-Sample #...: D8F050387-008 Work Order #...: KPGKT Matrix.....: SOLID
Date Sampled...: 06/04/08 09:30 Date Received...: 06/05/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Moisture	28	0.10	%	MCAWW 160.3 MOD	06/16/08	8168232
		Dilution Factor: 1		Analysis Time...: 11:00		