

Friday, September 15, 2006

Mr. Dion Plsek
Cordilleran Compliance Services
826 21 1/2 Road
Grand Junction, CO 81505

RE: Divide Creek

Order No.: 0609008

Dear Mr. Dion Plsek:

ESN Rocky Mountain received 2 sample(s) on 9/8/2006 for the analyses presented in the following report.

Enclosed are the analytical results and quality control data for the project carried out at our laboratory in Golden, Colorado.

These results are accompanied by a project narrative which discuss sample receipt, holding times and methods used for analysis.

Any unusual circumstances related to this project that effect the results are discussed in the narrative.

If you should have any questions, please call.

Sincerely,



Steve Merritt

ESN Rocky Mountain

Date: 15-Sep-06

CLIENT: Cordilleran Compliance Services
Project: Divide Creek
Lab Order: 0609008

CASE NARRATIVE

Samples were received on 09/07/06 from Cordilleran Compliance and were accompanied by a chain of custody form. The samples and their containers appeared to be in good condition and the chain of custody form was complete and accurate.

All samples were received and analyzed within the EPA recommended holding times.

Samples were analyzed using the methods outlined in the following references:
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition and
EPA Methods for Chemical Analysis of Water and Wastes (MCAWW).

Calibration - The laboratory instruments are calibrated using method appropriate standards. On each day project samples are analyzed the instrument calibration is verified using a mid level Continuing Calibration Verification (CCV). Calculations are carried out by the data system to compute the actual concentration of analyte in the original sample.

Method Blanks, Trip Blanks and Instrument Blanks - Blanks are analyzed after each initial calibration, continuing calibration verification, and after samples determined to have high concentrations of analytes to verify system cleanliness. Method blanks are analyzed to verify the cleanliness of procedures requiring sample preparation prior to analysis. Trip blanks are prepared by the laboratory and accompany the samples to verify that there was no contamination during transport.

Surrogate Recoveries - Some methods require the addition of surrogate compounds and are monitored to determine the efficacy of the analyte recovery from the sample matrix. In cases where multiple surrogates are added at least one must be recovered within Quality Control limits for the data to be accepted.

Batch QC - Prior to analysis, the project samples are associated with a QC batch. This batch is then prepared and analyzed along with QC samples prepared at the same time and using the same reagents and standards. The QC samples associated with a sample batch may include Method Blanks (MB), Laboratory Control Samples (LCS), Sample Duplicates (DUP), and Matrix Spikes (MS). The results of the batch QC samples are included in the QC section of the report.

Analyst Comments:
None.



Steve Merritt
Laboratory Manager

ESN Rocky Mountain

Date: 15-Sep-06

CLIENT:	Cordilleran Compliance Services	Client Sample ID:	090706-MW7
Lab Order:	0609008	Tag Number:	
Project:	Divide Creek	Collection Date:	9/7/2006 10:45:00 AM
Lab ID:	0609008-001A	Date Received:	9/8/2006
		Matrix:	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED HYDROCARBONS IN WATER						
Methane	1.63	0.068		µg/L	1	9/7/2006
						Analyst: BG
ICP METALS, TOTAL						
Sodium	150	5.0		mg/L	1	9/11/2006 2:04:00 PM
						Analyst: SV
VOLATILES BY GC/MS						
Benzene	ND	0.25		µg/L	1	9/8/2006
Ethylbenzene	ND	0.25		µg/L	1	9/8/2006
m,p-Xylene	ND	0.50		µg/L	1	9/8/2006
Methyl tert-butyl ether	ND	0.25		µg/L	1	9/8/2006
o-Xylene	ND	0.25		µg/L	1	9/8/2006
Toluene	ND	0.25		µg/L	1	9/8/2006
Surr: 4-Bromofluorobenzene	98.4	70-130		%REC	1	9/8/2006
Surr: Dibromofluoromethane	92.7	70-130		%REC	1	9/8/2006
Surr: Toluene-d8	97.5	70-130		%REC	1	9/8/2006
						Analyst: RB
SPECIFIC CONDUCTANCE						
Specific Conductance	1280	2.0		µmhos/cm	1	9/8/2006
						Analyst: SV
LABORATORY HYDROGEN ION (PH)						
Hydrogen Ion (pH)	6.99	0.10		pH Units	1	9/8/2006
						Analyst: SV
RESIDUE, DISSOLVED (TDS)						
Total Dissolved Solids (Residue, Filterable)	650	10		mg/L	1	9/8/2006
						Analyst: SV
ANIONS						
Chloride	23.2	1.00		mg/L	1	9/8/2006
						Analyst: SV

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
	S	Spike Recovery outside accepted recovery limits		

ESN Rocky Mountain

Date: 15-Sep-06

CLIENT:	Cordilleran Compliance Services	Client Sample ID:	090706-MW6
Lab Order:	0609008	Tag Number:	
Project:	Divide Creek	Collection Date:	9/7/2006 10:30:00 AM
Lab ID:	0609008-002A	Date Received:	9/8/2006
		Matrix:	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DISSOLVED HYDROCARBONS IN WATER						
Methane	5.23	0.068		µg/L	1	9/7/2006
		NLAG108		(NLAG108)		Analyst: BG
ICP METALS, TOTAL						
Sodium	130	5.0		mg/L	1	9/11/2006 2:16:00 PM
		SW6010B		(SW3010A)		Analyst: SV
VOLATILES BY GC/MS						
Benzene	ND	0.25		µg/L	1	9/8/2006
Ethylbenzene	ND	0.25		µg/L	1	9/8/2006
m,p-Xylene	ND	0.50		µg/L	1	9/8/2006
Methyl tert-butyl ether	ND	0.25		µg/L	1	9/8/2006
o-Xylene	ND	0.25		µg/L	1	9/8/2006
Toluene	ND	0.25		µg/L	1	9/8/2006
Surr: 4-Bromofluorobenzene	95.4	70-130		%REC	1	9/8/2006
Surr: Dibromofluoromethane	92.3	70-130		%REC	1	9/8/2006
Surr: Toluene-d8	97.0	70-130		%REC	1	9/8/2006
		SW8260B		(5030B)		Analyst: RB
SPECIFIC CONDUCTANCE						
Specific Conductance	1120	2.0		µmhos/cm	1	9/8/2006
		E120.1		(E120.1)		Analyst: SV
LABORATORY HYDROGEN ION (PH)						
Hydrogen Ion (pH)	6.82	0.10		pH Units	1	9/8/2006
		E150.1		(E150.1)		Analyst: SV
RESIDUE, DISSOLVED (TDS)						
Total Dissolved Solids (Residue, Filterable)	656	10		mg/L	1	9/8/2006
		E160.1		(E160.1)		Analyst: SV
ANIONS						
Chloride	14.1	1.00		mg/L	1	9/8/2006
		9056 Mod.		(9056 MOD.)		Analyst: SV

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
	S	Spike Recovery outside accepted recovery limits		

ESN Rocky Mountain

Lab Order: 0609008
 Client: Cordilleran Compliance Services
 Project: Divide Creek

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0609008-001A	090706-MW7	9/7/2006 10:45:00 AM	Water	Anions		9/8/2006	9/8/2006
				Dissolved Hydrocarbons in water		9/7/2006	9/7/2006
				ICP METALS, Total		9/8/2006	9/11/2006
				Laboratory Hydrogen Ion (pH)		9/8/2006	9/8/2006
				Residue, Dissolved (TDS)		9/8/2006	9/8/2006
				Specific Conductance		9/8/2006	9/8/2006
				Volatiles by GC/MS		9/8/2006	9/8/2006
				Anions		9/8/2006	9/8/2006
				Dissolved Hydrocarbons in water		9/7/2006	9/7/2006
				ICP METALS, Total		9/8/2006	9/11/2006
				Laboratory Hydrogen Ion (pH)		9/8/2006	9/8/2006
				Residue, Dissolved (TDS)		9/8/2006	9/8/2006
				Specific Conductance		9/8/2006	9/8/2006
				Volatiles by GC/MS		9/8/2006	9/8/2006
0609008-002A	090706-MW6	9/7/2006 10:30:00 AM		Anions		9/8/2006	9/8/2006
				Dissolved Hydrocarbons in water		9/7/2006	9/7/2006
				ICP METALS, Total		9/8/2006	9/11/2006
				Laboratory Hydrogen Ion (pH)		9/8/2006	9/8/2006
				Residue, Dissolved (TDS)		9/8/2006	9/8/2006
				Specific Conductance		9/8/2006	9/8/2006
				Volatiles by GC/MS		9/8/2006	9/8/2006

ESN Rocky Mountain

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
 Work Order: 0609008
 Project: Divide Creek

BatchID: 733

Sample ID: MBLK-733	SampType: MBLK	TestCode: ICP_TW	Units: mg/L	Prep Date: 9/8/2006	RunNo: 810						
Client ID: ZZZZZ	Batch ID: 733	TestNo: SW6010B	(SW3010A)	Analysis Date: 9/11/2006	SeqNo: 8756						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	ND	5.0									

Sample ID: LCS-733	SampType: LCS	TestCode: ICP_TW	Units: mg/L	Prep Date: 9/8/2006	RunNo: 810						
Client ID: ZZZZZ	Batch ID: 733	TestNo: SW6010B	(SW3010A)	Analysis Date: 9/11/2006	SeqNo: 8757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	22.54	5.0	20	0	113	80	120				

Sample ID: 0609008-001AMS	SampType: MS	TestCode: ICP_TW	Units: mg/L	Prep Date: 9/8/2006	RunNo: 810						
Client ID: 090706-MW7	Batch ID: 733	TestNo: SW6010B	(SW3010A)	Analysis Date: 9/11/2006	SeqNo: 8760						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	168.0	5.0	20	145.8	111	80	120				

Sample ID: 0609008-001ADUP	SampType: DUP	TestCode: ICP_TW	Units: mg/L	Prep Date: 9/8/2006	RunNo: 810						
Client ID: 090706-MW7	Batch ID: 733	TestNo: SW6010B	(SW3010A)	Analysis Date: 9/11/2006	SeqNo: 8759						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	146.1	5.0						145.8	0.212	20	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 734

Sample ID: 0609008-001ADUP	SampType: DUP	Prep Date: 9/8/2006	RunNo: 804
Client ID: 090706-MW7	Batch ID: 734	Analysis Date: 9/8/2006	SeqNo: 8724
Analyte	Result	LowLimit	HighLimit
Hydrogen Ion (pH)	7.030	6.99	0.571
		RPD Ref Val	RPDLimit
		0.100	20

Units: pH Units	%REC	%RPD	RPDLimit	Qual
(E150.1)				

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 735

Sample ID: 0609008-001ADUP	SampType: DUP	TestCode: 120.1	Units: µmhos/cm	Prep Date: 9/8/2006	RunNo: 805
Client ID: 090706-MW7	Batch ID: 735	TestNo: E120.1	(E120.1)	Analysis Date: 9/8/2006	SeqNo: 8727
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
	1257	2.00			
Specific Conductance				1275	1.42
					20
					%RPD
					RPDLimit
					Qual

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 736

Sample ID: MBLK-736	SampType: MBLK	TestCode: 160.1	Units: mg/L	Prep Date: 9/8/2006	RunNo: 806					
Client ID: ZZZZZ	Batch ID: 736	TestNo: E160.1	(E160.1)	Analysis Date: 9/8/2006	SeqNo: 8731					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	ND	10.0								

Sample ID: 0609008-002ADUP	SampType: DUP	TestCode: 160.1	Units: mg/L	Prep Date: 9/8/2006	RunNo: 806					
Client ID: 090706-MW6	Batch ID: 736	TestNo: E160.1	(E160.1)	Analysis Date: 9/8/2006	SeqNo: 8730					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Dissolved Solids (Residue, Filtera	661.0	10.0			656			0.759	20	

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 737

Sample ID: MBLK-737	SampType: MBLK	TestCode: 9056 M	Units: mg/L	Prep Date: 9/8/2006	RunNo: 807
Client ID: ZZZZZ	Batch ID: 737	TestNo: 9056 Mod.	(9056 Mod.)	Analysis Date: 9/8/2006	SeqNo: 8736
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Chloride	ND	1.00			
				LowLimit	HighLimit
				RPD Ref Val	%RPD
				RPDLimit	Qual

Sample ID: LCS-737	SampType: LCS	TestCode: 9056 M	Units: mg/L	Prep Date: 9/8/2006	RunNo: 807
Client ID: ZZZZZ	Batch ID: 737	TestNo: 9056 Mod.	(9056 Mod.)	Analysis Date: 9/8/2006	SeqNo: 8735
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Chloride	19.98	1.00	20	0	99.9
				LowLimit	HighLimit
				RPD Ref Val	%RPD
				RPDLimit	Qual

Sample ID: 0609008-001ADUP	SampType: DUP	TestCode: 9056 M	Units: mg/L	Prep Date: 9/8/2006	RunNo: 807
Client ID: 090706-MW7	Batch ID: 737	TestNo: 9056 Mod.	(9056 Mod.)	Analysis Date: 9/8/2006	SeqNo: 8733
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Chloride	25.24	1.00			
				LowLimit	HighLimit
				RPD Ref Val	%RPD
				RPDLimit	Qual

23.17 8.55 20

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordillera Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 743

Sample ID: MBLK-743	SampType: MBLK	TestCode: 8260_TCL_W	Units: µg/L	Prep Date: 9/8/2006	RunNo: 819						
Client ID: ZZZZZ	Batch ID: 743	TestNo: SW8260B	(5030B)	Analysis Date: 9/8/2006	SeqNo: 8827						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	ND	0.500									
Ethylbenzene	ND	0.500									
m,p-Xylene	ND	1.00									
Methyl tert-butyl ether	ND	0.500									
o-Xylene	ND	0.500									
Toluene	ND	0.500									
Surr: 4-Bromofluorobenzene	9.628	0.500	10	0	96.3	70	130				
Surr: Dibromofluoromethane	9.572	0.500	10	0	95.7	70	130				
Surr: Toluene-d8	9.755	0.500	10	0	97.6	70	130				

Sample ID: LCS-743	SampType: LCS	TestCode: 8260_TCL_W	Units: µg/L	Prep Date: 9/8/2006	RunNo: 819						
Client ID: ZZZZZ	Batch ID: 743	TestNo: SW8260B	(5030B)	Analysis Date: 9/8/2006	SeqNo: 8828						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	10.38	0.500	10	0	104	70	130				
Ethylbenzene	9.990	0.500	10	0	99.9	70	130				
m,p-Xylene	21.40	1.00	20	0	107	70	130				
Methyl tert-butyl ether	9.425	0.500	10	0	94.3	70	130				
o-Xylene	10.05	0.500	10	0	101	70	130				
Toluene	10.28	0.500	10	0	103	70	130				
Surr: 4-Bromofluorobenzene	9.372	0.500	10	0	93.7	70	130				
Surr: Dibromofluoromethane	9.563	0.500	10	0	95.6	70	130				
Surr: Toluene-d8	10.00	0.500	10	0	100	70	130				

Sample ID: 0609007-006AMS	SampType: MS	TestCode: 8260_TCL_W	Units: µg/L	Prep Date: 9/8/2006	RunNo: 819						
Client ID: ZZZZZ	Batch ID: 743	TestNo: SW8260B	(5030B)	Analysis Date: 9/8/2006	SeqNo: 8836						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	9.986	0.500	10	0	99.9	70	130				
Ethylbenzene	9.912	0.500	10	0	99.1	70	130				
m,p-Xylene	20.53	1.00	20	0	103	70	130				

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: Cordilleran Compliance Services
Work Order: 0609008
Project: Divide Creek

BatchID: 743

Sample ID: 0609007-006AMS	SampType: MS	TestCode: 8260_TCL_W	Units: µg/L	Prep Date: 9/8/2006	RunNo: 819						
Client ID: ZZZZZ	Batch ID: 743	TestNo: SW8260B	(5030B)	Analysis Date: 9/8/2006	SeqNo: 8836						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	9.792	0.500	10	0	97.9	70	130		0	30	
o-Xylene	9.994	0.500	10	0	99.9	70	130		0	30	
Toluene	9.732	0.500	10	0	97.3	70	130		0	30	
Surr: 4-Bromofluorobenzene	9.681	0.500	10	0	96.8	70	130		0	30	
Surr: Dibromofluoromethane	9.266	0.500	10	0	92.7	70	130		0	30	
Surr: Toluene-d8	9.879	0.500	10	0	98.8	70	130		0	30	

Sample ID: 0609007-006ADUP	SampType: DUP	TestCode: 8260_TCL_W	Units: µg/L	Prep Date: 9/8/2006	RunNo: 819						
Client ID: ZZZZZ	Batch ID: 743	TestNo: SW8260B	(5030B)	Analysis Date: 9/8/2006	SeqNo: 8835						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.500							0	30	
Ethylbenzene	ND	0.500							0	30	
m,p-Xylene	ND	1.00							0	30	
Methyl tert-butyl ether	ND	0.500							0	30	
o-Xylene	ND	0.500							0	30	
Toluene	ND	0.500							0	30	
Surr: 4-Bromofluorobenzene	9.638	0.500	10	0	96.4	70	130		0	0	
Surr: Dibromofluoromethane	9.647	0.500	10	0	96.5	70	130		0	0	
Surr: Toluene-d8	9.819	0.500	10	0	98.2	70	130		0	0	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

CLIENT: Cordilleran Compliance Services
 Work Order: 0609008
 Project: Divide Creek

ANALYTICAL QC SUMMARY REPORT

BatchID: 745

Sample ID: MBLK-745	SampType: MBLK	TestCode: C1_C6_DISS	Units: µg/L	Prep Date: 9/7/2006	RunNo: 821						
Client ID: ZZZZZ	Batch ID: 745	TestNo: NLAG108	(NLAG108)	Analysis Date: 9/7/2006	SeqNo: 8856						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane ND 0.0680

Sample ID: 0609008-001ADUP	SampType: DUP	TestCode: C1_C6_DISS	Units: µg/L	Prep Date: 9/7/2006	RunNo: 821						
Client ID: 090706-MW7	Batch ID: 745	TestNo: NLAG108	(NLAG108)	Analysis Date: 9/7/2006	SeqNo: 8854						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane 1.770 0.0680

1.63 8.24 30

Qualifiers: 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 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

