

**DIVERSIFIED ENERGY LLC
JASON HAACK
19501 E MAIN STREET STE 200
PARKER CO 80138**

REPORT OF ANALYSIS

For: (41146) DIVERSIFIED ENERGY LLC
DIRT REMEDIATION
BINGMAN 1-14

Analysis	Level Found		Reporting			Analyst-Date	Verified-Date
	As Received	Units	Limit	Method			
Sample ID: SE Lab Number: 2658849 Date Sampled: 2017-04-12 1400							
pH	7.3	S.U.	0.1	EPA 9045		jsa6-2017/04/24	cmw2-2017/04/24
Conductivity	898	µS/cm	2	Methods of Soil Analysis Chpt Part 3, Chpt 14 *		jsa6-2017/04/24	asl4-2017/04/24
Arsenic (total)	< 10.0	mg/kg	10.0	EPA 6010		ras7-2017/04/21	kkh9-2017/04/24
Calcium (total)	2437	mg/kg	20.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Sodium (total)	64.8	mg/kg	5.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Magnesium (total)	3134	mg/kg	5.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Sample ID: S Lab Number: 2658850 Date Sampled: 2017-04-12 1400							
pH	7.6	S.U.	0.1	EPA 9045		jsa6-2017/04/24	cmw2-2017/04/24
Conductivity	710	µS/cm	2	Methods of Soil Analysis Chpt Part 3, Chpt 14 *		jsa6-2017/04/24	asl4-2017/04/24
Arsenic (total)	< 10.0	mg/kg	10.0	EPA 6010		ras7-2017/04/21	kkh9-2017/04/24
Calcium (total)	2995	mg/kg	20.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Sodium (total)	70.0	mg/kg	5.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Magnesium (total)	4038	mg/kg	5.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Sample ID: SW Lab Number: 2658851 Date Sampled: 2017-04-12 1400							
pH	7.8	S.U.	0.1	EPA 9045		jsa6-2017/04/24	cmw2-2017/04/24
Conductivity	728	µS/cm	2	Methods of Soil Analysis Chpt Part 3, Chpt 14 *		jsa6-2017/04/24	asl4-2017/04/24
Arsenic (total)	< 10.0	mg/kg	10.0	EPA 6010		ras7-2017/04/21	kkh9-2017/04/24
Calcium (total)	3505	mg/kg	20.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11
Sodium (total)	70.7	mg/kg	5.0	EPA 6010		ras7-2017/04/21	kkh9-2017/05/11

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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JASON HAACK
19501 E MAIN STREET STE 200
PARKER CO 80138**

REPORT OF ANALYSIS

For: (41146) DIVERSIFIED ENERGY LLC
DIRT REMEDIATION
BINGMAN 1-14

Analysis	Level Found As Received	Units	Reporting		Analyst- Date	Verified- Date
			Limit	Method		
Sample ID: SW	Lab Number: 2658851 (con't)					
Magnesium (total)	5055	mg/kg	5.0	EPA 6010	ras7-2017/04/21	kkh9-2017/05/11

Calculated SAR values:

2658849 (SE) = 0.20

2658850 (S) = 0.20

2658851 (SW) = 0.18

This report was reissued on 2017-05-11 13:42:56 by kkh9 for the following reason:
added Ca, Mg, Na, SAR.

All results are reported on an AS RECEIVED basis., ppm = parts per million, ppm = mg/kg

For questions please contact:



Heather Ramig
Account Manager

heather.ramig@midwestlabs.com (402)829-9891

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CHAIN OF CUSTODY

Lab Work Order Number: 1523
 Date Generated: 04/10/2017

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Client Name DIVERSIFIED ENERGY LLC - 41146	Project Name DRO GRO Colorado	Requested Analyses (Test Names) * * DRO GRO, BTEX EPA 8260, EPA 8270 EC, SAR, pH * Arsenic								Copy To:
Client Contact JASON HAACK	Project Description Dvt Remediation									
Address 19501 E MAIN STREET STE 200	Purchase Order Number Bingman 1-14									
City PARKER	Midwest Labs Contact Heather Ramig									
State/Zip CO, 80138	Regulatory Agency (Circle One) <input checked="" type="radio"/> Yes <input type="radio"/> No									
Phone 3039950826	Regulatory Agency COGCC									
Fax 0	Sample Type (Circle One - See Below) <input checked="" type="radio"/> S <input type="radio"/> W <input type="radio"/> S/H <input type="radio"/> U <input type="radio"/> P									
Sampler Name (printed) JASON NOCK										*MWL Recovery

Lab ID	Sample Name or Field ID	Sampled Date	Sampled Time	Sample Code	Matrix Code	Container Count	Preservation Code				Sample Comments
							1	1	1		
01	01 = 2.8				S	2	1	0	1	1	* SPLIT to Special
02	02 = 2.9				S	2	0	0	0	0	for EC, pH, SAR
03	03 = 2.11				S	2	1	0	1	1	and Arsenic total
04	04 = 2.5				S	2	1	0	1	1	of 3 samples
05	05				S	2	0	0	0	0	
06	06				S	1	0	0	0	0	

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 Samples: 3
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 Calvin J Sterkel Colombo
 2017 04 10 16:39

Relinquished By JASON NOCK	Date/Time 4/12/17	Received By g	Date/Time 4/14/17 1330	Lab Internal Use Only:
Relinquished By Jason Nock	Date/Time	Received By	Date/Time	Temperature Upon Receipt: 4.8
Comments: COGCC Inspector Witness Soil Samples				Cooler Numbers:
				Notes:

Matrix Codes: S=Solid Preservation Codes: 1=Cool 6°C
 Sample Type Codes: D=Drinking Water (Safe Drinking Water Act), G=Groundwater, W=Wastewater (Clean Water Act), S/H=Solid/Hazardous Waste (RCRA), U=Underground Storage Tank (UST), P=Process Water

Chain of Custody will have a signature upon receipt but no subsequent signatures.



Regulatory

This sheet **MUST** be filled out before samples can be processed. To ensure that holding times are met, it is your responsibility that a completed form comes attached to the Chain of Custody. **Samples must be received on ice.**

Is this sample for regulatory/permit reporting?

Yes No

What city/state was your sample collected in?

Maybell, Colorado
COGCC

What agency/state are you reporting to?

What type of sample? (Circle One)

Drinking Water

Ground Water

Wastewater

Solid waste

Hazardous Waste

UST

Storm Water

Process Water



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Samples: Page:
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2017 04 10 16:39

SEE REVERSE SIDE FOR SAMPLING INSTRUCTIONS

RC FORM 14-2 Effective 07/01/16

ELEMENT 01A = 8200 + ~~8200~~ = 2.8
 E-01

VERT.

2658849

01B = pH, SAR, EC, Arsenic = SE

2658850

02B = pH, SAR, EC, Arsenic = S

E-02 03A = DRO/GRO = 2.9

E-03 04A = DRO/GRO = 2.11

E-04 05A = DRO/GRO = 2.5

2658851

05B = pH SAR EC Arsenic = SW



JK

4/14/17

- waiting on client

- Reminded 4/17/17

Lab Number: _____

 Thermometer Used: Therm Fisher IR 11

 Cooler Intact: Yes No
 Received on Ice: Yes No
 Hand Delivered: Yes No

 Sample Temperature (°C): 4.8

 Date & Initials of person accepting samples: g 4/14/17

Comments:

Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Chain of Custody complete?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	
Sample ID(s):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Sample Location(s):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Client Contact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Analysis Requested:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Sampler name on COC?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Date & Time of collection:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	
Sample labels match COC?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	
Written in indelible ink?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Labels indicate proper preservation?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Chain of Custody relinquished with signature?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Samples arrived within hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Sufficient volume?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Appropriate containers used?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Filtered volume received for dissolved tests?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Headspace in VOA vials?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Trip Blank present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A	

Client Notification/Resolution: Date/Time Contacted: _____

Person Contacted: _____ Contacted By: _____

Comments/Resolution: _____


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 Samples: 3 Page: 4/4
 Calvin J Sterkel Colombr
 2017 04 18 16:39