

**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	Units	Reporting	Method	Analyst- Date	Verified- Date
	As Received		Limit			
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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www.midwestlabs.com**


CHAIN OF CUSTODY

Lab Work Order Number: 152378
Date Generated: 04/10/2017

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Client Name DIVERSIFIED ENERGY LLC - 41146		Project Name DRO GRO Colorado		Requested Analyses (Test Names)							Copy To:	
Client Contact JASON HAACK		<i>Dirt Remediation</i>		DRO GRO, BTEX	EPA 8260, EPA 8270	EC, SAR, pH <i>X</i>	Arsenic					
Address 19501 E MAIN STREET STE 200		Purchase Order Number <i>Bingaman 174</i>										
City PARKER		Midwest Labs Contact Heather Ramig										
State/Zip CO, 80138		Regulatory (Circle One) <input checked="" type="radio"/> Yes No										
Phone 3039950826		Regulatory Agency <i>COGCC</i>										
Fax 0												
Sampler Name (printed) <i>JASON NORT</i>		Sample Type (Circle One - See Below) <i>A</i> G W S/H U P										
Email to: <i>*MWL Recovery</i>												

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 for EC, pH, SAR and Arsenic total of 3 samples
02	02 = 2.9				S	2	0	0	0	0						
03	03 = 2.11				S	2	1	0	1	1						
04	04 = 2.5				S	2	1	0	1	1						
05	05				S	2	0	1	0	0						
06	06				S	1	0	0	0	0						



2658849-851
 Samples: Page:
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 Calvin J Sterkel Colombo
 2017 04 18 16:39

Relinquished By JASON HODGE	Date/Time 4/12/17	Received By g	Date/Time 4/14/17 1330	Lab Internal Use Only:
Relinquished By Jason Hodge	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

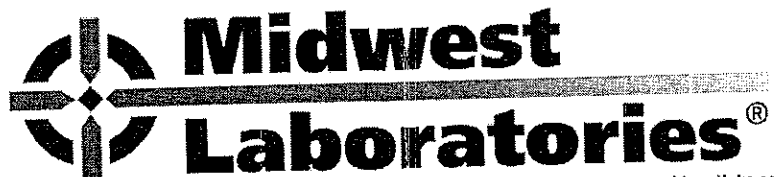
Sample Type Codes: D = Drinking Water (Safe Drinking Water Act), G = Groundwater, W = Wastewater (Clean Water Act), S/H = Solid/Hazardous Waste (RCRA), U = Underground Storage Tank (UST), P = Process Water

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

RC Form 15 - Effective 10/31/2013



Work Order 1525789



Midwest

Laboratories®

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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

What agency/state are you reporting to?

COGCC

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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Calvin J Sterkel Colombo
2017 04 18 16:39

SEE REVERSE SIDE FOR SAMPLING INSTRUCTIONS

RC FORM 14-2 Effective 07/01/16

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$$\text{ELEMENT 01A} = 8200 + 8200 = 2.8$$

E-01

VERT.

2658849

$$01B = \text{pH, SAR, EC, Arsenic} = \text{SE}$$

2658850

$$02B = \text{pH, SAR, EC, Arsenic} = \text{S}$$

$$\text{E-02 03A} = \text{DRO/GRO} = 2.9$$

$$\text{E-03 04A} = \text{DRO/GRO} = 2.11$$

$$\text{E-04 05A} = \text{DRO/GRO} = 2.5$$

$$05B = \text{pH SAR EC Arsenic} = \text{SW}$$

2658851



JR

4/14/17

- waiting on client

- Reminded 4/17/17



Lab Number: _____

Thermometer Used: ☐ Therm Fisher IR 11Cooler Intact: ☒ Yes ☐ NoReceived on Ice: ☒ Yes ☐ NoHand Delivered: ☐ Yes ☒ NoSample Temperature (°C): 4.8Date & 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: Page:

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Calvin J Sterkel Colombr

2017 04 18 16:39