



**Client:** EDP - Environmental Development Partners, LLC  
**Project:** Pecan Grove MUD  
**Work Order:** 18D0449

**Reported:**  
13-Apr-18 12:18

**2719 Falling Forest-Blowoff**  
**18D0449-01 (Water) Sampled: 03-Apr-18 12:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	Notes
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**Envirodyne Laboratories, Inc.**

**Wet Chemistry**

Acidity	<20	20	mg/L	1	B8D0561	04-Apr-18	04-Apr-18 16:45	SM 2310B	AT	
Alkalinity (Total) as CaCO3	124	10	mg/L	1	B8D0943	06-Apr-18	06-Apr-18 10:20	EPA 310.2	UEZ	
Chloride	57.5	3.0	mg/L	1	B8D0520	04-Apr-18	04-Apr-18 16:00	SM4500-C1 B	AT	
Color	4.3	1.0	Color Units	1	B8D0423	03-Apr-18	03-Apr-18 15:40	SM 2120C,2011	AT	
Conductivity	456	10	uS/cm	1	B8D0519	04-Apr-18	04-Apr-18 12:10	SM2510 B,2011	ACB	
Fluoride	0.18	0.10	mg/L	1	B8D0485	04-Apr-18	04-Apr-18 09:45	SM 4500-F C	MES	
Nitrate-N	0.83	0.10	mg/L	1	B8D0414	03-Apr-18	03-Apr-18 15:50	SM 4500-NO3 D,20	MES	
Nitrite-N	<0.05	0.05	mg/L	1	B8D0604	04-Apr-18	04-Apr-18 16:00	SM 4500-NO2 B	UEZ	
pH	7.65	0.10	SU	1	B8D1285	09-Apr-18	09-Apr-18 18:50	SM4500H+ B	HBB	
Silica	14.6	0.20	mg/L	1	B8D1109	06-Apr-18	09-Apr-18 17:00	EPA 200.5	XQH	
Sulfate	23.1	2.00	mg/L	1	B8D0518	04-Apr-18	04-Apr-18 12:07	ASTM D516-07	ACB	
TDS	264	10.0	mg/L	1	B8D0503	04-Apr-18	04-Apr-18 16:13	SM2540 C	JCR	
Turbidity	0.64	0.10	NTU	1	B8D0403	03-Apr-18	03-Apr-18 15:45	SM 2130 B	AT	

**Total Metals by ICP**

Aluminum	0.0355	0.0018	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Antimony	<0.0018	0.0018	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Arsenic	<0.0029	0.0029	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Barium	0.126	0.0005	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Beryllium	<0.0005	0.0005	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Cadmium	<0.00050	0.00050	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Calcium	41.6	2.00	mg/L	1	B8D0489	03-Apr-18	05-Apr-18 13:21	EPA 200.7	XQH	
Calcium as CaCO3	104		mg/L	1	[CALC]	03-Apr-18	05-Apr-18 13:21	Calc	XQH	
Chromium	0.0016	0.0005	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Copper	0.0027	0.0006	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Total Hardness as CaCO3	129	13.2	mg/L	1	[CALC]	03-Apr-18	05-Apr-18 13:21	SM 2340B	XQH	
Iron	0.0476	0.0018	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	Q
Lead	<0.0009	0.0009	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Magnesium	6.21	2.00	mg/L	1	B8D0489	03-Apr-18	05-Apr-18 13:21	EPA 200.7	XQH	
Magnesium as CaCO3	25.5	8.23	mg/L	1	[CALC]	03-Apr-18	05-Apr-18 13:21	EPA 200.7	XQH	

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Monica Smith For Itzel Dominguez, Project Manager



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**Total Metals by ICP**

<b>Manganese</b>	<b>0.0090</b>	0.0004	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Nickel	<0.0005	0.0005	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
<b>Potassium</b>	<b>3.6</b>	2.0	mg/L	1	B8D0489	03-Apr-18	05-Apr-18 13:21	EPA 200.7	XQH	
Selenium	<0.0038	0.0038	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Silver	<0.0005	0.0005	mg/L	1	B8D0489	03-Apr-18	06-Apr-18 16:49	EPA 200.7	XQH	
<b>Sodium</b>	<b>30.7</b>	2.0	mg/L	1	B8D0489	03-Apr-18	05-Apr-18 13:21	EPA 200.7	XQH	
Thallium	<0.0020	0.0020	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	
Zinc	<0.0032	0.0032	mg/L	1	B8D0486	03-Apr-18	04-Apr-18 10:50	EPA 200.7	XQH	Q

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