



Envirodyne Laboratories, Inc  
11011 Brooklet Dr., # 230  
Houston, TX 77099  
281.568.7880 Phone  
www.envirodyne.com

13 December 2019

EDP - Environmental Development Partners, LLC  
Eric Thiry  
17495 Village Green Dr.  
Houston, TX 77040

**NWHCMUD #10 - WQP**

Enclosed are the results of analyses for samples received by the laboratory on 04-Dec-19 15:55. The analytical data provided relates only to the samples as received in this laboratory report.

ELI certifies that all results are NELAP compliant and performed in accordance with the referenced method except as noted in the Case Narrative or as noted with a qualifier. Any reproductions of this laboratory report should be in full and only with the written authorization from the client.

The total number of pages in this report is 18

Thank you for selecting ELI for your analytical needs. If you have any questions regarding this report, please contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kyle Chernosky'.

Kyle Chernosky For Maria Lynch  
Client Services Representative



Certificate No: T104704265-19-17



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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EWQP	PBCU001 - 14335 BARKER CYPRESS 19L0756-01	Water	04-Dec-19 11:44	04-Dec-19 15:55
EWQP	PBCU001 - 14335 BARKER CYPRESS 19L0756-02	Water	04-Dec-19 11:48	04-Dec-19 15:55
EWQP	PBCU002 - 13528 1/2 SKINNER RD - F 19L0756-03	Water	04-Dec-19 11:25	04-Dec-19 15:55
EWQP	PBCU002 - 13528 1/2 SKINNER RD - C 19L0756-04	Water	04-Dec-19 11:19	04-Dec-19 15:55
EWQP	PBCU003 - 16711 1/2 SUNSET GREEN 19L0756-05	Water	04-Dec-19 12:05	04-Dec-19 15:55
EWQP	PBCU003 - 16711 1/2 SUNSET GREEN 19L0756-06	Water	04-Dec-19 12:12	04-Dec-19 15:55
DSTWQP	DS01 - 15623 CHAPEL LAKE DR 19L0756-07	Water	04-Dec-19 12:53	04-Dec-19 15:55
DSTWQP	DS01 - 16646 ROSEGLADE DR 19L0756-08	Water	04-Dec-19 12:39	04-Dec-19 15:55
DSTWQP	DS01 - 16818 RANGER RIDGE 19L0756-09	Water	04-Dec-19 12:21	04-Dec-19 15:55

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Kyle Chernosky For Maria Lynch, Client Services Representative



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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU001 - 14335 BARKER CYPRESS RD - RAW WELL**  
**19L0756-01 (Water) Sampled: 04-Dec-19 11:44**

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

**Field Analysis**

<b>pH</b>	<b>7.74</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 11:44	SM4500H+ B	KLC	
<b>Temperature</b>	<b>23.8</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 11:44	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>160</b>	20.0	mg/L	1	B9L1383	10-Dec-19	10-Dec-19 16:00	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1383	10-Dec-19	10-Dec-19 16:00	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>160</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 16:00	[CALC]	SNG	
<b>Chloride</b>	<b>49.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>455</b>	30	uS/cm	1	B9L1426	10-Dec-19	10-Dec-19 09:30	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.14</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
Sulfate	<2.00	2.00	mg/L	1	B9L1779	12-Dec-19	12-Dec-19 08:35	ASTM D516-07	SNG	
<b>TDS</b>	<b>258</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>57.6</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:21	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>161</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:21	SM 2340B	JPC	
<b>Iron</b>	<b>0.0260</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:26	EPA 200.7	JPC	
<b>Magnesium</b>	<b>4.27</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:21	EPA 200.7	JPC	
Manganese	<0.0050	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:21	EPA 200.7	JPC	
<b>Sodium</b>	<b>26.0</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:21	EPA 200.7	JPC	

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU001 - 14335 BARKER CYPRESS RD - GST**  
**19L0756-02 (Water) Sampled: 04-Dec-19 11:48**

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

**Field Analysis**

<b>pH</b>	<b>7.75</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 11:48	SM4500H+ B	KLC	
<b>Temperature</b>	<b>22.4</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 11:48	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>158</b>	20.0	mg/L	1	B9L1383	10-Dec-19	10-Dec-19 16:00	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1383	10-Dec-19	10-Dec-19 16:00	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>158</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 16:00	[CALC]	SNG	
<b>Chloride</b>	<b>49.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>449</b>	30	uS/cm	1	B9L1426	10-Dec-19	10-Dec-19 09:30	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.19</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
Sulfate	<2.00	2.00	mg/L	1	B9L1779	12-Dec-19	12-Dec-19 08:35	ASTM D516-07	SNG	
<b>TDS</b>	<b>276</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>58.9</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:27	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>165</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:27	SM 2340B	JPC	
Iron	<0.0050	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:29	EPA 200.7	JPC	
<b>Magnesium</b>	<b>4.32</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:27	EPA 200.7	JPC	
Manganese	<0.0050	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:27	EPA 200.7	JPC	
<b>Sodium</b>	<b>26.6</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:27	EPA 200.7	JPC	

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU002 - 13528 1/2 SKINNER RD - RAW WELL**  
**19L0756-03 (Water) Sampled: 04-Dec-19 11:25**

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

**Field Analysis**

<b>pH</b>	<b>7.88</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 11:25	SM4500H+ B	KLC	
<b>Temperature</b>	<b>27.4</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 11:25	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>285</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>285</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>55.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>693</b>	30	uS/cm	1	B9L1426	10-Dec-19	10-Dec-19 09:30	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.10</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
<b>Sulfate</b>	<b>4.48</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>316</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>19.3</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:29	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>71.3</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:29	SM 2340B	JPC	
<b>Iron</b>	<b>0.244</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:32	EPA 200.7	JPC	
<b>Magnesium</b>	<b>5.62</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:29	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0078</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:29	EPA 200.7	JPC	
<b>Sodium</b>	<b>130</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:29	EPA 200.7	JPC	

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU002 - 13528 1/2 SKINNER RD - GST**  
**19L0756-04 (Water) Sampled: 04-Dec-19 11:19**

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

**Field Analysis**

<b>pH</b>	<b>7.83</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 11:19	SM4500H+ B	KLC	
<b>Temperature</b>	<b>26.6</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 11:19	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>291</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>291</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>55.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>691</b>	30	uS/cm	1	B9L1426	10-Dec-19	10-Dec-19 09:30	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.13</b>	0.10	mg/L	1	B9L0733	05-Dec-19	05-Dec-19 10:48	SM4500-P E	AT	
<b>Sulfate</b>	<b>4.12</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>388</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>19.1</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:31	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>71.1</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:31	SM 2340B	JPC	
<b>Iron</b>	<b>0.185</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:36	EPA 200.7	JPC	
<b>Magnesium</b>	<b>5.67</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:31	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0072</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:31	EPA 200.7	JPC	
<b>Sodium</b>	<b>128</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:31	EPA 200.7	JPC	

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU003 - 16711 1/2 SUNSET GREEN CT - RAW WELL**  
**19L0756-05 (Water) Sampled: 04-Dec-19 12:05**

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

**Field Analysis**

<b>pH</b>	<b>7.87</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 12:05	SM4500H+ B	KLC	
<b>Temperature</b>	<b>26.7</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 12:05	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>232</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>232</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>38.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>567</b>	30	uS/cm	1	B9L1426	10-Dec-19	10-Dec-19 09:30	SM2510 B	SNG	
OrthoPhosphate as P	<0.10	0.10	mg/L	1	B9L0733	05-Dec-19	05-Dec-19 10:48	SM4500-P E	AT	
<b>Sulfate</b>	<b>15.2</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>328</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>30.1</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:33	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>109</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:33	SM 2340B	JPC	
<b>Iron</b>	<b>0.352</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:39	EPA 200.7	JPC	
<b>Magnesium</b>	<b>8.17</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:33	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0154</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:33	EPA 200.7	JPC	
<b>Sodium</b>	<b>106</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:33	EPA 200.7	JPC	

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**PBCU003 - 16711 1/2 SUNSET GREEN CT - GST**  
**19L0756-06 (Water) Sampled: 04-Dec-19 12:12**

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

**Field Analysis**

<b>pH</b>	<b>7.86</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 12:12	SM4500H+ B	KLC	
<b>Temperature</b>	<b>26.4</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 12:12	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>280</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>280</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>48.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>684</b>	30	uS/cm	1	B9L1212	09-Dec-19	09-Dec-19 09:40	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.10</b>	0.10	mg/L	1	B9L0733	05-Dec-19	05-Dec-19 10:48	SM4500-P E	AT	
<b>Sulfate</b>	<b>16.7</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>402</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>29.4</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:35	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>107</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:35	SM 2340B	JPC	
<b>Iron</b>	<b>0.221</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:48	EPA 200.7	JPC	
<b>Magnesium</b>	<b>8.11</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:35	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0137</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:35	EPA 200.7	JPC	
<b>Sodium</b>	<b>108</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:35	EPA 200.7	JPC	

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**DS01 - 15623 CHAPEL LAKE DR**  
**19L0756-07 (Water) Sampled: 04-Dec-19 12:53**

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

**Field Analysis**

<b>pH</b>	<b>7.95</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 12:53	SM4500H+ B	KLC	
<b>Temperature</b>	<b>18.6</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 12:53	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>207</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>207</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>54.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>578</b>	30	uS/cm	1	B9L1212	09-Dec-19	09-Dec-19 09:40	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.41</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
<b>Sulfate</b>	<b>11.1</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>330</b>	10.0	mg/L	1	B9L1409	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>48.3</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:37	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>141</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:37	SM 2340B	JPC	
<b>Iron</b>	<b>0.0320</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:51	EPA 200.7	JPC	
<b>Magnesium</b>	<b>4.94</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:37	EPA 200.7	JPC	
Manganese	<0.0050	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:37	EPA 200.7	JPC	
<b>Sodium</b>	<b>53.9</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:37	EPA 200.7	JPC	

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Kyle Chernosky For Maria Lynch, Client Services Representative



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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**DS01 - 16646 ROSEGLADE DR**  
**19L0756-08 (Water) Sampled: 04-Dec-19 12:39**

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

**Field Analysis**

<b>pH</b>	<b>8.07</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 12:39	SM4500H+ B	KLC	
<b>Temperature</b>	<b>20.1</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 12:39	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>283</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>283</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>59.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>713</b>	30	uS/cm	1	B9L1212	09-Dec-19	09-Dec-19 09:40	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.40</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
<b>Sulfate</b>	<b>7.19</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>394</b>	10.0	mg/L	1	B9L1409	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>23.8</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:39	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>77.7</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:39	SM 2340B	JPC	
<b>Iron</b>	<b>0.137</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:54	EPA 200.7	JPC	
<b>Magnesium</b>	<b>4.42</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:39	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0051</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:39	EPA 200.7	JPC	
<b>Sodium</b>	<b>125</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:39	EPA 200.7	JPC	

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**DS01 - 16818 RANGER RIDGE**  
**19L0756-09 (Water) Sampled: 04-Dec-19 12:21**

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

**Field Analysis**

<b>pH</b>	<b>7.96</b>		SU	1	B9L0937	04-Dec-19	04-Dec-19 12:21	SM4500H+ B	KLC	
<b>Temperature</b>	<b>25.1</b>	0.0	°C	1	B9L0937	04-Dec-19	04-Dec-19 12:21	SM2550 B	KLC	

**Wet Chemistry**

<b>Alkalinity (m) as CaCO3</b>	<b>266</b>	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
Alkalinity (p) as CaCO3	<20.0	20.0	mg/L	1	B9L1381	10-Dec-19	10-Dec-19 15:10	SM 2320 B	SNG	
<b>Total Alkalinity as CaCO3</b>	<b>266</b>	20.0	mg/L	1	[CALC]	10-Dec-19	10-Dec-19 15:10	[CALC]	SNG	
<b>Chloride</b>	<b>53.0</b>	6.0	mg/L	2	B9L1156	06-Dec-19	06-Dec-19 16:05	SM4500-Cl B	SNG	
<b>Conductivity</b>	<b>693</b>	30	uS/cm	1	B9L1212	09-Dec-19	09-Dec-19 09:40	SM2510 B	SNG	
<b>OrthoPhosphate as P</b>	<b>0.40</b>	0.10	mg/L	1	B9L0732	05-Dec-19	05-Dec-19 10:03	SM4500-P E	AT	
<b>Sulfate</b>	<b>14.4</b>	2.00	mg/L	1	B9L1193	09-Dec-19	09-Dec-19 07:50	ASTM D516-07	SNG	
<b>TDS</b>	<b>390</b>	10.0	mg/L	1	B9L1406	10-Dec-19	10-Dec-19 17:03	SM2540 C	MNF	

**Total Metals by ICP**

<b>Calcium</b>	<b>28.4</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:41	EPA 200.7	JPC	
<b>Total Hardness as CaCO3</b>	<b>103</b>	13.2	mg/L	1	[CALC]	06-Dec-19	10-Dec-19 11:41	SM 2340B	JPC	
<b>Iron</b>	<b>0.208</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 14:57	EPA 200.7	JPC	
<b>Magnesium</b>	<b>7.80</b>	2.00	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:41	EPA 200.7	JPC	
<b>Manganese</b>	<b>0.0128</b>	0.0050	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:41	EPA 200.7	JPC	
<b>Sodium</b>	<b>106</b>	2.0	mg/L	1	B9L1166	06-Dec-19	10-Dec-19 11:41	EPA 200.7	JPC	

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Wet Chemistry - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B9L0732 - Inorganics</b>										
<b>Blank (B9L0732-BLK1)</b>				Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	<0.10	0.10	mg/L							
<b>LCS (B9L0732-BS1)</b>				Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.950		mg/L	1.00		95.0	80-120			
<b>Matrix Spike (B9L0732-MS1)</b>				Source: 19L0524-01 Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.670	0.10	mg/L	0.333	0.350	96.0	80-120			
<b>Matrix Spike Dup (B9L0732-MSD1)</b>				Source: 19L0524-01 Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.660	0.10	mg/L	0.333	0.350	93.0	80-120	1.50	20	
<b>Batch B9L0733 - Inorganics</b>										
<b>Blank (B9L0733-BLK1)</b>				Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	<0.10	0.10	mg/L							
<b>LCS (B9L0733-BS1)</b>				Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.980		mg/L	1.00		98.0	80-120			
<b>Matrix Spike (B9L0733-MS1)</b>				Source: 19L0756-04 Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.460	0.10	mg/L	0.333	0.130	99.0	80-120			
<b>Matrix Spike Dup (B9L0733-MSD1)</b>				Source: 19L0756-04 Prepared & Analyzed: 05-Dec-19						
OrthoPhosphate as P	0.450	0.10	mg/L	0.333	0.130	96.0	80-120	2.20	20	
<b>Batch B9L1156 - Inorganics</b>										
<b>Blank (B9L1156-BLK1)</b>				Prepared & Analyzed: 06-Dec-19						
Chloride	<3.0	3.0	mg/L							

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Wet Chemistry - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9L1156 - Inorganics**

<b>LCS (B9L1156-BS1)</b>										
										Prepared & Analyzed: 06-Dec-19
Chloride	104		mg/L	100	104	90-110				
<b>Matrix Spike (B9L1156-MS1)</b>										
										Prepared & Analyzed: 06-Dec-19
Chloride	68.0	6.0	mg/L	20.0	49.0	95.0	80-120			
<b>Matrix Spike Dup (B9L1156-MSD1)</b>										
										Prepared & Analyzed: 06-Dec-19
Chloride	69.0	6.0	mg/L	20.0	49.0	100	80-120	1.46	20	

**Batch B9L1193 - Inorganics**

<b>Blank (B9L1193-BLK1)</b>										
										Prepared & Analyzed: 09-Dec-19
Sulfate	<2.00	2.00	mg/L							
<b>LCS (B9L1193-BS1)</b>										
										Prepared & Analyzed: 09-Dec-19
Sulfate	21.0		mg/L	20.0	105	90-110				
<b>Matrix Spike (B9L1193-MS1)</b>										
										Prepared & Analyzed: 09-Dec-19
Sulfate	26.7	2.00	mg/L	20.0	4.12	113	80-120			
<b>Matrix Spike Dup (B9L1193-MSD1)</b>										
										Prepared & Analyzed: 09-Dec-19
Sulfate	24.7	2.00	mg/L	20.0	4.12	103	80-120	7.83	20	

**Batch B9L1212 - Inorganics**

<b>Blank (B9L1212-BLK1)</b>										
										Prepared & Analyzed: 09-Dec-19
Conductivity	<30	30	uS/cm							

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**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Wet Chemistry - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9L1212 - Inorganics**

**Duplicate (B9L1212-DUP1)** **Source: 19L0015-03** Prepared & Analyzed: 09-Dec-19

Conductivity	1310	30	uS/cm		1300			0.307	20	
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**Reference (B9L1212-SRM1)** Prepared & Analyzed: 09-Dec-19

Conductivity	182		uS/cm	180		101	0-200			
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**Batch B9L1381 - Inorganics**

**Blank (B9L1381-BLK1)** Prepared & Analyzed: 10-Dec-19

Alkalinity (m) as CaCO3	<20.0	20.0	mg/L							
Alkalinity (p) as CaCO3	<20.0	20.0	"							

**LCS (B9L1381-BS1)** Prepared & Analyzed: 10-Dec-19

Alkalinity (m) as CaCO3	54.0		mg/L	50.0		108	90-110			
Alkalinity (p) as CaCO3	51.0		"	50.0		102	90-110			

**Duplicate (B9L1381-DUP1)** **Source: 19L0760-01** Prepared & Analyzed: 10-Dec-19

Alkalinity (m) as CaCO3	192	20.0	mg/L		185			3.71	20	
Alkalinity (p) as CaCO3	<20.0	20.0	"		<20.0			0	20	

**Batch B9L1383 - Inorganics**

**Blank (B9L1383-BLK1)** Prepared & Analyzed: 10-Dec-19

Alkalinity (m) as CaCO3	<20.0	20.0	mg/L							
Alkalinity (p) as CaCO3	<20.0	20.0	"							

**LCS (B9L1383-BS1)** Prepared & Analyzed: 10-Dec-19

Alkalinity (m) as CaCO3	54.0		mg/L	50.0		108	90-110			
Alkalinity (p) as CaCO3	53.0		"	50.0		106	90-110			

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Wet Chemistry - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9L1383 - Inorganics**

<b>Duplicate (B9L1383-DUP1)</b>		<b>Source: 19L0408-07</b>			<b>Prepared &amp; Analyzed: 10-Dec-19</b>					
Alkalinity (m) as CaCO3	192	20.0	mg/L		193			0.519	20	
Alkalinity (p) as CaCO3	<20.0	20.0	"		<20.0			0	20	

**Batch B9L1406 - Inorganics**

<b>Blank (B9L1406-BLK1)</b>		<b>Prepared &amp; Analyzed: 10-Dec-19</b>								
TDS	<10.0	10.0	mg/L							

<b>Duplicate (B9L1406-DUP1)</b>		<b>Source: 19L0433-01</b>			<b>Prepared &amp; Analyzed: 10-Dec-19</b>					
TDS	392	10.0	mg/L		390			0.512	20	

**Batch B9L1409 - Inorganics**

<b>Blank (B9L1409-BLK1)</b>		<b>Prepared &amp; Analyzed: 10-Dec-19</b>								
TDS	<10.0	10.0	mg/L							

<b>Duplicate (B9L1409-DUP1)</b>		<b>Source: 19L0756-07</b>			<b>Prepared &amp; Analyzed: 10-Dec-19</b>					
TDS	332	10.0	mg/L		330			0.604	20	

**Batch B9L1426 - Inorganics**

<b>Blank (B9L1426-BLK1)</b>		<b>Prepared &amp; Analyzed: 10-Dec-19</b>								
Conductivity	<30	30	uS/cm							

<b>Duplicate (B9L1426-DUP1)</b>		<b>Source: 19L0755-01</b>			<b>Prepared &amp; Analyzed: 10-Dec-19</b>					
Conductivity	536	30	uS/cm		539			0.558	20	

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**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Wet Chemistry - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9L1426 - Inorganics**

<b>Reference (B9L1426-SRM1)</b>				Prepared & Analyzed: 10-Dec-19						
Conductivity	179		uS/cm	180		99.4	0-200			

**Batch B9L1779 - Inorganics**

<b>Blank (B9L1779-BLK1)</b>				Prepared & Analyzed: 12-Dec-19						
Sulfate	<2.00	2.00	mg/L							

<b>LCS (B9L1779-BS1)</b>				Prepared & Analyzed: 12-Dec-19						
Sulfate	19.1		mg/L	20.0		95.5	90-110			

<b>Matrix Spike (B9L1779-MS1)</b>				<b>Source: 19L0278-01</b>		Prepared & Analyzed: 12-Dec-19				
Sulfate	21.0	2.00	mg/L	20.0	0.870	101	80-120			

<b>Matrix Spike Dup (B9L1779-MSD1)</b>				<b>Source: 19L0278-01</b>		Prepared & Analyzed: 12-Dec-19				
Sulfate	21.9	2.00	mg/L	20.0	0.870	105	80-120	4.20	20	

Envirodyne Laboratories, Inc.

*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.*



Envirodyne Laboratories, Inc  
 11011 Brooklet Dr., # 230  
 Houston, TX 77099  
 281.568.7880 Phone  
 www.envirodyne.com

**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
 13-Dec-19 16:03

**Total Metals by ICP - Quality Control**  
**Envirodyne Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9L1166 - Metals - EPA 200.2**

**Blank (B9L1166-BLK1)**

Prepared: 06-Dec-19 Analyzed: 10-Dec-19

Manganese	<0.0050	0.0050	mg/L							
Sodium	<2.0	2.0	"							
Calcium	<2.00	2.00	"							
Iron	<0.0050	0.0050	"							
Magnesium	<2.00	2.00	"							

**LCS (B9L1166-BS1)**

Prepared: 06-Dec-19 Analyzed: 10-Dec-19

Calcium	20.1	2.00	mg/L				85-115			
Iron	276		ug/L	250		111	85-115			
Magnesium	20.2	2.00	mg/L				85-115			
Manganese	252		ug/L	250		101	85-115			
Sodium	20.0	2.0	mg/L				85-115			

**Matrix Spike (B9L1166-MS1)**

Source: 19L0843-01

Prepared: 06-Dec-19 Analyzed: 10-Dec-19

Calcium	56.4	2.00	mg/L		37.8		70-130			
Iron	0.752	0.0050	"	0.500	0.224	106	70-130			
Magnesium	24.2	2.00	"		3.81		70-130			
Manganese	0.553	0.0050	"	0.500	0.0442	102	70-130			
Sodium	41.6	2.0	"		23.1		70-130			

**Matrix Spike Dup (B9L1166-MSD1)**

Source: 19L0843-01

Prepared: 06-Dec-19 Analyzed: 10-Dec-19

Calcium	59.0	2.00	mg/L		37.8		70-130	4.45	20	
Iron	0.675	0.0050	"	0.500	0.224	90.2	70-130	10.8	20	
Magnesium	24.4	2.00	"		3.81		70-130	0.875	20	
Sodium	42.9	2.0	"		23.1		70-130	3.25	20	
Manganese	0.522	0.0050	"	0.500	0.0442	95.6	70-130	5.77	20	

Envirodyne Laboratories, Inc.

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**Client:** EDP - Environmental Development Partners, LLC  
**Project:** NWHCMUD #10 - WQP  
**Work Order:** 19L0756  
**PWS ID:** TX1011649

**Reported:**  
13-Dec-19 16:03

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference  
CLT Client Representative

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Envirodyne Laboratories, Inc.

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Kyle Chernosky For Maria Lynch, Client Services Representative

19L0750

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER QUALITY PARAMETER MONITORING FORM 20679																							
Completed by PWS (or Agent)										Completed by Laboratory													
PWS Name: <b>NORTHWEST HARRIS COUNTY MUD #10</b>					Laboratory Name: <b>Envirodyne Laboratories, Inc.</b>																		
PWS ID#: <b>TX 1011649</b>					TCEQ Lab ID #: <b>TX-288</b>																		
PWS Address:					Laboratory Address: <b>11011 Brooklet Dr #230 Houston, TX 77099</b>																		
PWS Contact: <b>Jim Ferguson</b>																							
PWS Contact Phone #: <b>832-574-3619</b>					Laboratory Contact: <b>Laura Bonjonia</b>																		
Inhibitor or Stabilizer Used (✓):			<input checked="" type="checkbox"/> Phosphate	<input type="checkbox"/> Silica	<input type="checkbox"/> Calcium carbonate																		
TREATMENT		Alkalinity Dosage Rate:	Inhibitor Dosage Rate:		Laboratory Contact Phone #:		281-568-7880																
Sample Information																							
Sample Type (✓):			<input checked="" type="checkbox"/> Compliance	<input type="checkbox"/> Non-compliance							Parameters Requested: Analyses are required for the parameters checked. * If inhibitors containing phosphate or silica are used, then these parameters should also be analyzed depending on which is in use.												
Sample Collector (✓):			<input type="checkbox"/> Public Water System	<input checked="" type="checkbox"/> Accredited Lab	<input type="checkbox"/> 3rd Party Contractor --> LAB ID	AL TX-288																	
Temperature and pH (Y or N):			<input checked="" type="checkbox"/> Are temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?	<input checked="" type="checkbox"/> Were temperature and pH measured in the field within 15 minutes of sample collection?																			
Facility ID (e.g. DS01, PBCU001)	Sample Point ID (e.g. DSTWQP, EWQP)	Sample Location	Sample Collection		Field Measurements		Replacement? (✓)	Original Sample ID #	Original Sample Date (MMDDYY)	Lab Sample ID	Alkalinity (1927)	Calcium (1919)	Chloride (1017)	Conductivity (1064)	Hardness (1915)	Iron (1028)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-Phosphate (1044)	Silica (1049)	
			Date (MMDDYY)	Time - 24 hr (HHMM)	pH	Temp (°C)																	
PBCU001	EWQP	14335 Barker Cypress Rd - Raw Well	12-4-19	1144	7.74	23.8				19L0756-01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBCU001	EWQP	14335 Barker Cypress Rd - GST	12-4-19	1148	7.75	22.4				19L0756-02	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PBCU002	EWQP	13528 1/2 Skinner Rd - Raw Well	12-4-19	1125	7.88	27.4				19L0756-03	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PBCU002	EWQP	13528 1/2 Skinner Rd - GST	12-4-19	1119	7.83	26.6				19L0756-04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PBCU003	EWQP	16711 1/2 Sunset Green Ct - Raw Well	12-4-19	1205	7.87	26.7				19L0756-05	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PBCU003	EWQP	16711 1/2 Sunset Green Ct - GST	12-4-19	1212	7.86	26.4				19L0756-06	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
I acknowledge that information on this form is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but not limited to the measurement of pH and temperature immediately upon collection. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)										Sample Conditions Upon Receipt (✓)													
										<input checked="" type="checkbox"/> Samples received unpreserved? <input checked="" type="checkbox"/> Iced <input type="checkbox"/> Ambient													
Name of Authorized PWS Representative (Print)					Signature		Organization		Date		Rejection Code (if applicable):		Actual / Corrected sample temperature:		6.9/6.7								
Robert Lingenfelter							EPA		Dec 4, 2019		Date & Time of Sample Preservation (Acidified):		Thermometer ID #:		FR#4								
12/5/19 @1040																							
Chain of Custody			Relinquished By (Signature)		Date/Time:		Relinquished By Courier (Signature)			Date/Time:		Laboratory Comments:											
					12-4-19/1555																		
			Received By Courier (Signature)		Date/Time:		Received By Lab (Signature)			Date/Time:													
										12/4/19 1555													

19L0756



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
WATER QUALITY PARAMETER MONITORING FORM 20679

Completed by PWS (or Agent)				Completed by Laboratory			
PWS Name:		NORTHWEST HARRIS COUNTY MUD #10		Laboratory Name:		Envirodyne Laboratories, Inc.	
PWS ID#:		TX 1011649		TCEQ Lab ID #:		TX-288	
PWS Address:				Laboratory Address:		11011 Brooklet Dr #230	
PWS Contact:		Jim Ferguson				Houston, TX 77099	
PWS Contact Phone #:		832-574-3619		Laboratory Contact:		Laura Bonjonia	
Inhibitor or Stabilizer Used (✓):		✓ Phosphate	Silica	Calcium carbonate			
TREATMENT		Alkalinity Dosage Rate:	Inhibitor Dosage Rate:	Laboratory Contact Phone #:		281-568-7880	
Sample Information							
Sample Type (✓):		✓ Compliance	Non-compliance				
Sample Collector (✓):		Public Water System	✓ Accredited Lab	3rd Party Contractor --> LAB ID		AL TX-288	
Temperature and pH (Y or N):		Y Are temperature and pH included on the sampling entity's Laboratory Approval Form on file at the TCEQ?	Y	Were temperature and pH measured in the field within 15 minutes of sample collection?			

Parameters Requested: Analyses are required for the parameters checked. \* If inhibitors containing phosphate or silica are used, then these parameters should also be analyzed depending on which is in use.

Facility ID (e.g. DS01, PBCU001)	Sample Point ID (e.g. DSTWQP, EWQP)	Sample Location	Sample Collection		Field Measurements		Replacement? (✓)	Original Sample ID #	Original Sample Date (MMDDYY)	Lab Sample ID	Alkalinity (1927)	Calcium (1919)	Chloride (1017)	Conductivity (1064)	Hardness (1915)	Iron (1028)	Manganese (1032)	Sodium (1052)	Sulfate (1055)	TDS (1930)	O-Phosphate (1044) *	Silica (1049) *	
			Date (MMDDYY)	Time - 24 hr (HHMM)	pH	Temp (°C)																	
DS01	DSTWQP	15623 Chapel Lake Dr	12-4-19	1253	7.95	18.6				19L0756-07	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP	16646 Roseglade Dr	12-4-19	1239	8.07	20.1				19L0756-08	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DS01	DSTWQP	16818 Ranger Ridge	12-4-19	1221	7.96	25.1				19L0756-09	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

I acknowledge that information on this form is true and correct and sites selected for sampling follow the instructions in the TCEQ Monitoring and Sample Collection Guidance for Water Quality Parameters. This includes, but not limited to the measurement of pH and temperature immediately upon collection. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)

Sample Conditions Upon Receipt (✓)		
✓ Samples received unpreserved?	✓ Iced	Ambient
Rejection Code (if applicable):	Actual / Corrected sample temperature:	6.9/6.7
Date & Time of Sample Preservation (Acidified): 12/5/19 @1040	Thermometer ID #:	IR#4

Name of Authorized PWS Representative (Print)	Signature	Organization	Date
Robert Lingenfelter	<i>[Signature]</i>	EWA	Dec 4, 2019

Chain of Custody			
Relinquished By (Signature)	Date/Time:	Relinquished By Courier (Signature)	Date/Time:
<i>[Signature]</i>	12-4-19/1555		
Received By Courier (Signature)	Date/Time:	Received By Lab (Signature)	Date/Time:
		<i>[Signature]</i>	12/4/19 1555

Laboratory Comments: