

# ANALYTICAL REPORT

December 07, 2020

## **Edgemont Ranch Metro District**

Sample Delivery Group: L1290877 Samples Received: 12/01/2020 Project Number: ERMD/WWTF Description: Site: CO-0040266 Report To: Robert Ludwig 5972 County Road 234 Durango, CO 81301

Entire Report Reviewed By:

Jason Romer Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

ACCOUNT: Edgemont Ranch Metro District

PROJECT:

SDG: L1290877

DATE/TIME: 12/07/20 14:51

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SDG: L1290877

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

			Collected by	Collected date/time	Received date/	/time
WWTF/INFLUENT L1290877-01 WW			Kurtis Martinez	11/30/20 10:45	12/01/20 09:30	)
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Method qPCR	WG1584740	1	12/01/20 15:08	12/02/20 17:05	LM	Mt. Juliet, TN

\*

Ср

PROJECT:

SDG: L1290877 DATE/TIME: 12/07/20 14:51

#### CASE NARRATIVE

\*

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer Project Manager

#### WWTF/INFLUENT Collected date/time: 11/30/20 10:45

# SAMPLE RESULTS - 01



#### Method qPCR

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	RNA cop/ml		RNA cop/ml		date / time	
2019-nCOV_N1	ND		2.60	1	12/02/2020 17:05	WG1584740
2019-nCOV_N2	ND		2.60	1	12/02/2020 17:05	WG1584740

### GLOSSARY OF TERMS

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#### Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

#### Abbreviations and Definitions

ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
SDG	Sample Delivery Group.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

SDG: L1290877

# **ACCREDITATIONS & LOCATIONS**

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

#### State Accreditations

Alabama	40660	Nebraska
Alaska	17-026	Nevada
Arizona	AZ0612	New Hampshire
Arkansas	88-0469	New Jersey–NEL
California	2932	New Mexico <sup>1</sup>
Colorado	TN00003	New York
Connecticut	PH-0197	North Carolina
Florida	E87487	North Carolina <sup>1</sup>
Georgia	NELAP	North Carolina <sup>3</sup>
Georgia <sup>1</sup>	923	North Dakota
Idaho	TN00003	Ohio-VAP
Illinois	200008	Oklahoma
Indiana	C-TN-01	Oregon
lowa	364	Pennsylvania
Kansas	E-10277	Rhode Island
Kentucky 16	90010	South Carolina
Kentucky <sup>2</sup>	16	South Dakota
Louisiana	AI30792	Tennessee <sup>1 4</sup>
Louisiana <sup>1</sup>	LA180010	Texas
Maine	TN0002	Texas ⁵
Maryland	324	Utah
Massachusetts	M-TN003	Vermont
Michigan	9958	Virginia
Minnesota	047-999-395	Washington
Mississippi	TN00003	West Virginia
Missouri	340	Wisconsin
Montana	CERT0086	Wyoming

Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey-NELAP	TN002
New Mexico <sup>1</sup>	n/a
New York	11742
North Carolina	Env375
North Carolina <sup>1</sup>	DW21704
North Carolina <sup>3</sup>	41
North Dakota	R-140
Ohio-VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	LAO00356
South Carolina	84004
South Dakota	n/a
Tennessee 1 4	2006
Texas	T104704245-18-15
Texas⁵	LAB0152
Utah	TN00003
Vermont	VT2006
Virginia	460132
Washington	C847
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

#### Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

#### **Our Locations**

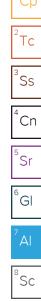
Edgemont Ranch Metro District

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



L1290877

12/07/20 14:51



Edgemont Ranch Metro District 5972 County Road 234 Durango, CO 81301			Billing Information:				Analysis / Container / Preservative									Chain of Custody Page of		
			Robert Ludwig 5972 County Road 234			Pres Chk									Pace	Analytical *		
			Durango, CO 81301							And the second					1.2.2			
Report to: Robert Ludwig				bert@edgemont	com									12065 Lebanon Rd Mount Juliet, TN 37 Phone: 615-758-58				
roject Description: ////WWTF City/State Collected: DUIGKO, Colorgolo PT MT C						Circle:	S								Phone: 615-758-56 Phone: 800-767-58 Fax: 615-758-5859			
Phone: 970-946-8566	Client Project #					NoPre								SDG # 129	Tendens			
Collected by (print):	Site/Facility ID # CO-0040266						HDPE-								H081			
Collected by (signature):	Rush? (L	ab MUST Be	Notified)	0 1 11			250mlHDPE-NoPres								Template: <b>T17</b> Prelogin: <b>P81</b>	1390		
Immediately Packed on Ice N Y	Next Da Two Day Three D	10 D	y (Rad Only) ay (Rad Only)	Date Result	s Needed	No. of	SARS-COV2								PM: 923 - Reap	20/2020		
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	SARS-			The Arrive					Shipped Via: For Remarks	Sample # (lab only)		
WWTF/Influent	GRAB	ww	in-stran	11/30/20	1045	1	x									- 01		
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Mr. L.															Sec. 10			
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a de statuto est									1998									
n an		14 112 - 45												1.57	are apres a single			
			10			1												
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay									pH Flow		Temp Other		COC S Bottl	eal Proigned/. es arr	Accurate: ive intact:	ecklist Y N Y N Y N		
WW - WasteWater DW - Drinking Water OT - OtherUPS FedExC				Trackin	48	160	6 4:	4200			Suffi VOA Z	Correct bottles used:Y Sufficient volume sent:Y VOA Zero Headspace:Y						
Religquished by : (Signature)	Da	te: 1/30/0	20 10	O Receiv	ed by: (Signa	iture)			Trip Blan	ik Receiv	F	s NO ICL / MeoH BR			n Correct/Ch <0.5 mR/hr:	ecked: $\underline{Y}_{\underline{Y}}$		
Relinquished by : (Signature)	Dafe: Time: Received by: (Signatu				iture)	Č.		Tel 1.9-1	Same and	and the second second second	es Received:	If pres	ervation	required by Lo	required by Login: Date/Time			
Relinquished by : (Signature)	Date: Time: Received for lab by: (:				: (Signati	ure)		Date:	1-20	Time	371	Hold:			Condition: NCF / OK			