



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

12 November 2021

Coyote Valley Tribal Council

Attn: Israel (Issy) Pulawa

P.O. Box 39

Redwood Valley, CA 95470

RE: Creek Sampling

Work Order: 21J2917

Enclosed are the results of analyses for samples received by the laboratory on 10/21/21 10:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeanette L. Poplin For Sheri L. Speaks

Project Manager



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P.O. Box 39
Redwood Valley, CA 95470

Project Manager: Israel (Issy) Pulawa
Project: Creek Sampling
Project Number: [none]

Reported:
11/12/21 11:38

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | T: 925-828-6226 | F: 925-828-6309 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922
North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303
San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510 | ELAP# 3055

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WRUSS	21J2917-01	Water	10/21/21 09:20	10/21/21 10:55



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	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
WRUSS (21J2917-01)			Sample Type: Water			Sampled: 10/21/21 09:20				
Metals by EPA 6000/7000 Series Methods										
Antimony	ND	mg/L	0.020	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Arsenic	ND	mg/L	0.010	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Barium	0.13	mg/L	0.010	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Beryllium	ND	mg/L	0.0010	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Cadmium	ND	mg/L	0.010	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Chromium	ND	mg/L	0.050	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Cobalt	ND	mg/L	0.020	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Copper	ND	mg/L	0.10	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Lead	ND	mg/L	0.050	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Mercury	ND	mg/L	0.0010	1	AK13483	11/05/21 06:17	11/05/21 14:43	1551	EPA 7470A	
Molybdenum	ND	mg/L	0.50	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Nickel	ND	mg/L	0.10	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Selenium	ND	mg/L	0.020	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Silver	ND	mg/L	0.010	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Thallium	ND	mg/L	0.40	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Vanadium	ND	mg/L	0.50	1	AJ14971	11/01/21 14:35	11/02/21 21:09	1551	EPA 6010B	
Zinc	ND	mg/L	0.10	1	AJ14971	11/01/21 14:35	11/03/21 13:25	1551	EPA 6010B	
Conventional Chemistry Parameters by APHA/EPA Methods										
Ammonia as N	ND	mg/L	0.20	1	AK13632	11/09/21 06:00	11/09/21 11:30	1551	SM4500NH3B,C	
Nitrate as N	ND	mg/L	0.20	1	AK13052	11/01/21 08:00	11/02/21 13:00	1551	SM4500-NO3 E	N-02
Nitrite as N	ND	mg/L	0.010	1	AJ14481	10/22/21 11:45	10/22/21 14:15	1551	SM4500-NO2 B	
Orthophosphate as P	ND	mg/L	0.10	1	AJ14517	10/22/21 16:30	10/22/21 16:45	1551	SM4500-P E	
Total Kjeldahl Nitrogen	ND	mg/L	1.0	1	AJ14938	11/01/21 06:21	11/02/21 10:34	1551	SM4500-NH3 C	
Soluble Kjeldahl Nitrogen	ND	mg/L	1.0	1	AK13202	11/03/21 11:16	11/04/21 10:26	1551	SM4500-NH3 C	
Total Nitrogen	ND	mg/L	1.0	1	AK13310	11/03/21 09:15	11/10/21 07:55	1551	Calculation	
Phosphorus, total	0.050	mg/L	0.040	1	AK13194	11/03/21 12:15	11/03/21 17:30	1551	SM4500-P E	
Phosphorus, dissolved	ND	mg/L	0.040	1	AK13192	11/08/21 11:40	11/09/21 08:35	1551	SM4500-P E	

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.



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Project Manager: Israel (Issy) Pulawa
Project: Creek Sampling
Project Number: [none]

Reported:
11/12/21 11:38

	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
WRUSS (21J2917-01)			Sample Type: Water			Sampled: 10/21/21 09:20				
Microbiological Parameters by APHA Standard Methods										
Total Coliforms	>2419.6	MPN/100mL	1.0	1	AJ14645	10/21/21 16:00	10/22/21 16:00	1551	SM9223B	
E. Coli	67.7	MPN/100mL	1.0	1	AJ14645	10/21/21 16:00	10/22/21 16:00	1551	SM9223B	
Chlorinated Pesticides and PCBs by EPA Method 508										
Endrin	ND	ug/L	0.10	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
HCH-gamma (Lindane)	ND	ug/L	0.20	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Heptachlor	ND	ug/L	0.010	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Heptachlor epoxide	ND	ug/L	0.010	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Hexachlorobenzene	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Methoxychlor	ND	ug/L	10	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1016	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1221	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1232	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1242	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1248	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1254	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
PCB-1260	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Total PCBs	ND	ug/L	0.50	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Toxaphene	ND	ug/L	1.0	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Chlordane (tech)	ND	ug/L	0.10	1	AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	
Surrogate: Dibutylchloredate	71.8 %		70-130		AJ14493	10/25/21 07:00	10/27/21 03:50	1551	EPA 508	

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Notes and Definitions

>2419.6 >2419.6

N-02 NO₂+NO₃ and NO₂ analyzed within EPA recommended hold times and NO₃ (N) calculated from the results.

ND Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Non-accredited analytes are reported only when ELAP accreditation for a requested analyte is not available. For a list of accredited analytes, view our certificates at the Company link on our website at www.alpha-labs.com or contact your Project Manager directly.

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2722 Loker Ave West, Ste A

more CA 94551
(2)
Grove CA 95624
Carlsbad CA 92010

Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No 2152917

Pg. 1 of 1

[illegible]

WORK ORDER

Printed: 10/21/2021 10:54:54AM

17K0877

Alpha Analytical Laboratories, Inc.

Client: Coyote Valley Tribal Council
 Project: Creek Sampling

Project Manager: Sheri L. Speaks
 Project Number: [none]

Analysis groups included in this work order

CAM 17 ICP 200.7

Zn Total ICP 200.7	As Total ICP 200.7	Ba Total ICP 200.7	Be Total ICP 200.7
Cd Total ICP 200.7	Co Total ICP 200.7	Cr Total ICP 200.7	Cu Total ICP 200.7
Hg CVAA Total 245.1	Mo Total ICP 200.7	Ni Total ICP 200.7	Pb Total ICP 200.7
Sb Total ICP 200.7	Se Total ICP 200.7	Ag Total ICP 200.7	V Total ICP 200.7
Tl Total ICP 200.7			

Coliform, TCEC Quantitray SW

Coliform, EColi Quantitray	Coliform, Total Quantitray
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Nutrient Scan

Nitrite as N SM4500	TKN SM4500	Phosphorus-SM4500	Phosphorus Diss SM4500
Orthophosphate-P SM4500	Nitrogen, Total Calc	Nitrite as N SM4500 Diss	Nitrate as N SM4500 Diss
Nitrate as N SM4500	Ammonia as N	TKN Soluble	Nitrogen, Dissolved Calc