WECK LABORATORIES, INC.

Certificate of Analysis

PRELIMINARY REPORT

Work Orders: 2F21055

Project: Pristine Hydro Water Revival System

Attn: [redacted]

Client: PristineHydro Development Inc.
24102 El Toro Road, Suite D
Laguna Woods, CA 92637

Report Date: 7/20/2022
Received Date: 6/21/2022
Turnaround Time: Normal
Phones: (949) 581-9191
Fax: (949) 581-9192
P.O. #:
Billing Code:

Enclosed are the results of analyses for samples received 6/21/2022 with the Chain-of-Custody document. The samples were received in good condition, at 5.6 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: Pristine Hydro Water Revival System
2F21055-01 (Water)
Sampled: 06/20/22 11:00 by Client

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: Calculation		**Instr:** [CALC]				
Batch ID: [CALC] **Preparation:** [CALC]		**Prepared:** 06/22/22 11:41				**Analyst:** jan
Total Anions	**0.22**	0.14	meq/l	1	06/22/22	
Total Cations	**0.17**	0.12	meq/l	1	06/28/22	
Method: EPA 200.7		**Instr:** ICP03				
Batch ID: W2F1667 **Preparation:** EPA 200.2		**Prepared:** 06/22/22 11:41				**Analyst:** kvm
Calcium, Total	**1.15**	0.500	mg/l	1	06/27/22	
Iron, Total	ND	30	ug/l	1	06/27/22	
Magnesium, Total	**1.32**	0.500	mg/l	1	06/27/22	
Potassium, Total	ND	0.50	mg/l	1	06/27/22	
Silica as SiO2, Total	**0.16**	0.10	mg/l	1	06/27/22	
Sodium, Total	ND	1.0	mg/l	1	06/28/22	
Method: EPA 200.8		**Instr:** ICPMS04				
Batch ID: W2F1668 **Preparation:** EPA 200.2		**Prepared:** 06/22/22 15:45				**Analyst:** jog
Aluminum, Total	ND	20	ug/l	1	06/24/22	
Arsenic, Total	ND	0.40	ug/l	1	06/24/22	
Barium, Total	ND	1.0	ug/l	1	06/24/22	
Beryllium, Total	ND	0.10	ug/l	1	06/24/22	
Cadmium, Total	ND	0.20	ug/l	1	06/24/22	
Chromium, Total	ND	0.20	ug/l	1	06/24/22	
Copper, Total	ND	0.50	ug/l	1	06/24/22	
Lead, Total	ND	0.20	ug/l	1	06/24/22	

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Sample Results

(Continued)

Sample: Pristine Hydro Water Revival System
2F21055-01 (Water)

Sampled: 06/20/22 11:00 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8		**Instr:** ICPMS04				
Batch ID: W2F1668 **Preparation:** EPA 200.2		**Prepared:** 06/22/22 15:45				**Analyst:** jog
Manganese, Total	ND	1.0	ug/l	1	06/24/22	
Nickel, Total	ND	2.0	ug/l	1	06/24/22	
Selenium, Total	ND	0.40	ug/l	1	06/24/22	
Silver, Total	ND	0.20	ug/l	1	06/24/22	
Thallium, Total	ND	0.20	ug/l	1	06/24/22	
Zinc, Total	ND	10	ug/l	1	06/24/22	
Method: EPA 245.1		**Instr:** HG03				
Batch ID: W2F1841 **Preparation:** EPA 245.1		**Prepared:** 06/24/22 09:53				**Analyst:** KVM
Mercury, Total	ND	0.050	ug/l	1	06/24/22	
Method: EPA 300.0		**Instr:** LC12				
Batch ID: W2F1649 **Preparation:** _NONE (LC)		**Prepared:** 06/22/22 09:40				**Analyst:** jan
Chloride, Total	ND	0.50	mg/l	1	06/22/22	
Fluoride, Total	ND	0.10	mg/l	1	06/22/22	
Sulfate as SO4	ND	0.50	mg/l	1	06/22/22	
Method: EPA 331.0		**Instr:** LCMS02				
Batch ID: W2F1871 **Preparation:** _NONE (LC)		**Prepared:** 06/24/22 14:16				**Analyst:** JNA
Perchlorate	ND	2.0	ug/l	1	06/24/22	
Method: EPA 353.2		**Instr:** AA01				
Batch ID: W2F1571 **Preparation:** _NONE (WETCHEM)		**Prepared:** 06/21/22 15:06				**Analyst:** ISM
Nitrate as N	ND	0.20	mg/l	1	06/21/22 18:25	
Nitrite as N	ND	100	ug/l	1	06/21/22 18:25	
Method: EPA 524.2		**Instr:** GCMS18				
Batch ID: W2F1675 **Preparation:** EPA 5030B		**Prepared:** 06/22/22 12:28				**Analyst:** adm
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,1,1-Trichloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,1,2-Trichloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,1-Dichloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,1-Dichloroethene	ND	0.50	ug/l	1	06/22/22	P-3
1,1-Dichloropropene	ND	0.50	ug/l	1	06/22/22	P-3
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
1,2-Dichloroethane	ND	0.50	ug/l	1	06/22/22	P-3
1,2-Dichloropropane	ND	0.50	ug/l	1	06/22/22	P-3
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
1,3-Dichloropropane	ND	0.50	ug/l	1	06/22/22	P-3
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	06/22/22	P-3
2,2-Dichloropropane	ND	0.50	ug/l	1	06/22/22	P-3
2-Butanone	ND	5.0	ug/l	1	06/22/22	P-3

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Sample Results

(Continued)

Sample: Pristine Hydro Water Revival System
2F21055-01 (Water)

Sampled: 06/20/22 11:00 by Client
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 524.2		**Instr:** GCMS18				
Batch ID: W2F1675 **Preparation:** EPA 5030B		**Prepared:** 06/22/22 12:28			**Analyst:** adm	
2-Chlorotoluene	ND	0.50	ug/l	1	06/22/22	P-3
2-Hexanone	ND	5.0	ug/l	1	06/22/22	P-3
4-Chlorotoluene	ND	0.50	ug/l	1	06/22/22	P-3
4-Methyl-2-pentanone	ND	5.0	ug/l	1	06/22/22	P-3
Benzene	ND	0.50	ug/l	1	06/22/22	P-3
Bromobenzene	ND	0.50	ug/l	1	06/22/22	P-3
Bromochloromethane	ND	0.50	ug/l	1	06/22/22	P-3
Bromodichloromethane	ND	0.50	ug/l	1	06/22/22	P-3
Bromoform	ND	0.50	ug/l	1	06/22/22	P-3
Bromomethane	ND	0.50	ug/l	1	06/22/22	P-3
Carbon tetrachloride	ND	0.50	ug/l	1	06/22/22	P-3
Chlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
Chloroethane	ND	0.50	ug/l	1	06/22/22	P-3
Chloroform	ND	0.50	ug/l	1	06/22/22	P-3
Chloromethane	ND	0.50	ug/l	1	06/22/22	P-3
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	06/22/22	P-3
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	06/22/22	P-3
Dibromochloromethane	ND	0.50	ug/l	1	06/22/22	P-3
Dibromomethane	ND	0.50	ug/l	1	06/22/22	P-3
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	06/22/22	P-3
Di-isopropyl ether	ND	2.0	ug/l	1	06/22/22	P-3
Ethyl tert-butyl ether	ND	2.0	ug/l	1	06/22/22	P-3
Ethylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
Freon 113	ND	5.0	ug/l	1	06/22/22	P-3
Hexachlorobutadiene	ND	0.50	ug/l	1	06/22/22	P-3
Isopropylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
m,p-Xylene	ND	0.50	ug/l	1	06/22/22	P-3
m-Dichlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	06/22/22	P-3
Methylene chloride	ND	0.50	ug/l	1	06/22/22	P-3
Naphthalene	ND	0.50	ug/l	1	06/22/22	P-3
n-Butylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
n-Propylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
o-Dichlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
o-Xylene	ND	0.50	ug/l	1	06/22/22	P-3
p-Dichlorobenzene	ND	0.50	ug/l	1	06/22/22	P-3
p-Isopropyltoluene	ND	0.50	ug/l	1	06/22/22	P-3
sec-Butylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
Styrene	ND	0.50	ug/l	1	06/22/22	P-3

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Sample Results

(Continued)

Sample: Pristine Hydro Water Revival System

2F21055-01 (Water)

Sampled: 06/20/22 11:00 by Client

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 524.2		**Instr:** GCMS18				
Batch ID: W2F1675 **Preparation:** EPA 5030B		**Prepared:** 06/22/22 12:28				**Analyst:** adm
Tert-amyl methyl ether	ND	2.0	ug/l	1	06/22/22	P-3
tert-Butylbenzene	ND	0.50	ug/l	1	06/22/22	P-3
Tetrachloroethene	ND	0.50	ug/l	1	06/22/22	P-3
THMs, Total	ND	0.50	ug/l	1	06/22/22	P-3
Toluene	ND	0.50	ug/l	1	06/22/22	P-3
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	06/22/22	P-3
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	06/22/22	P-3
Trichloroethene	ND	0.50	ug/l	1	06/22/22	P-3
Trichlorofluoromethane	ND	0.50	ug/l	1	06/22/22	P-3
Vinyl chloride	ND	0.50	ug/l	1	06/22/22	P-3
Xylenes, Total	ND	0.50	ug/l	1	06/22/22	P-3
Surrogate(s)						
1,2-Dichlorobenzene-d4	*105%*	*70-130*	*Conc: 10.5*		*06/22/22*	
4-Bromofluorobenzene	*105%*	*70-130*	*Conc: 10.5*		*06/22/22*	
Method: SM 2320B		**Instr:** AA02				
Batch ID: W2F1691 **Preparation:** _NONE (WETCHEM)		**Prepared:** 06/22/22 15:10				**Analyst:** vat
Alkalinity as CaCO3	**11**	5.0	mg/l	1	06/22/22	
Bicarbonate Alkalinity as HCO3	ND	6.1	mg/l	1	06/22/22	
Carbonate Alkalinity as CaCO3	**11**	5.0	mg/l	1	06/22/22	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l	1	06/22/22	
Method: SM 2540C		**Instr:** OVEN01				
Batch ID: W2F1660 **Preparation:** _NONE (WETCHEM)		**Prepared:** 06/22/22 10:27				**Analyst:** jao
Total Dissolved Solids	**10**	10	mg/l	1	06/22/22	
Method: SM 4500Cl-G		**Instr:** UVVIS04				
Batch ID: W2F1557 **Preparation:** _NONE (WETCHEM)		**Prepared:** 06/21/22 13:12				**Analyst:** ces
Chlorine Residual, Free	ND	0.050	mg/l	1	06/21/22	*
Chlorine Residual, Total	ND	0.050	mg/l	1	06/21/22 15:42	*
Dichloramine	ND	0.050	mg/l	1	06/21/22	*
Monochloramine	ND	0.050	mg/l	1	06/21/22	*
Method: SM 9223B		**Instr:** INC12				
Batch ID: W2F1635 **Preparation:** _NONE (MICROBIOLOGY)		**Prepared:** 06/21/22 12:57				**Analyst:** rea
E. coli	Absent	1.0	N/A	1	06/22/22 09:40	
Total Coliform	Absent	1.0	N/A	1	06/22/22 09:40	

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Notes and Definitions

Item	Definition
*	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
P-3	The sample was preserved with ascorbic acid, but the pH was >2 possibly due to no, or insufficient preservation with HCl. The sample was not analyzed within 24 hours, as required by method for sample with pH>2.
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

Analyses Accreditation Summary

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
SM 4500Cl-G in Water			
Chlorine Residual, Free	7782-50-5	✓	
Monochloramine	10599-90-3	✓	
Dichloramine	3400-09-7	✓	

Reviewed by:

DRAFT REPORT
DATA SUBJECT TO CHANGE

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH #4047 • ISO17025 ANAB #L2457.01 • LACSD #10143 • NELAP-OR #4047 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a preliminary report and is produced for review and guidance purpose only and should not be considered final. Information in this report may be missing or may be changed. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories DOES NOT certify that the test results meet all requirements of TNI. Neither Weck Laboratories, Inc. nor any of its employees, contractors, subcontractors, or their employees make any warrant, expressed or implied, or assume any legal liability or responsibility for use of any information inscribed in this report.

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