



BIOLOGICAL CONSULTING SERVICES
OF NORTH FLORIDA, INC.

March 21, 2017

Client
Puravai
11035 Technology PL, Unit 100
San Diego, CA 92127

Client ID: Emergency Drinking Water A, Emergency Drinking Water B, Emergency Drinking Water C

BCS ID: 1703113, 1703114, 1703115

Dear Client,

We have completed the analysis of the submitted samples as outlined below.

Project Name: Puravai

Analysis	Method
Heterotrophic Plate Count	SM 9215; BCS SOP M-6 (ISO17025 and TNI Accredited)

Following, you will find our report on the results of the analysis conducted on the referenced samples. Should you have any questions, please do not hesitate to contact me.

Sincerely,

Bonnie Mull, MPH
Laboratory Operations Manager

BCS LABORATORIES, INC. — GAINESVILLE
4609 NW 6TH STREET, STE. A. GAINESVILLE, FLORIDA 32609
TEL. (352) 377-9272, FAX. (352) 377-5630
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FL DOH #E82924, ISO/IEC 17025:2005 L2422 (L-A-B), PA DEP# 68-03950, EPA# FLO1147
THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF BCS LABORATORIES



Client: Puravai
 Analysis: *Heterotrophic Plate Count*
 Project Name: Puravai
 Client Sample ID: Emergency Drinking Water A Sample Date/Time:
 BCS Sample ID: 1703113 Sample Description: Water
 Date Received: March 16, 2017 10:05 Amount Submitted: 1000 mL % Solids: N/A
 Amount Analyzed: 1000 mL Receipt Temperature: 15.3 deg C Preserved: No
 Analysis Start: March 16, 2017 16:11 Analysis Stop Date: March 21, 2017 12:37
 Analyst: Bonnie Mull, MPH Qualifier: U
 Primary Value: ≤1.0 Microorganisms CFU/sample analyzed
 Secondary Value: ≤0 Microorganisms CFU/mL sample
 Analysis Notes: Undetected: Analyte was not detected in the sample analyzed; Value represents the method's detection limit for the amount of sample analyzed as per the method's standard reporting units

Client: Puravai
 Analysis: *Heterotrophic Plate Count*
 Project Name: Puravai
 Client Sample ID: Emergency Drinking Water B Sample Date/Time:
 BCS Sample ID: 1703114 Sample Description: Water
 Date Received: March 16, 2017 10:05 Amount Submitted: 1000 mL % Solids: N/A
 Amount Analyzed: 1000 mL Receipt Temperature: 15.3 deg C Preserved: No
 Analysis Start: March 16, 2017 16:11 Analysis Stop Date: March 21, 2017 12:37
 Analyst: Bonnie Mull, MPH Qualifier: U
 Primary Value: ≤1.0 Microorganisms CFU/sample analyzed
 Secondary Value: ≤0 Microorganisms CFU/mL sample
 Analysis Notes: Undetected: Analyte was not detected in the sample analyzed; Value represents the method's detection limit for the amount of sample analyzed as per the method's standard reporting units

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Client: Puravai
 Analysis: *Heterotrophic Plate Count*
 Project Name: Puravai
 Client Sample ID: Emergency Drinking Water C Sample Date/Time:
 BCS Sample ID: 1703115 Sample Description: Water
 Date Received: March 16, 2017 10:05 Amount Submitted: 1000 mL % Solids: N/A
 Amount Analyzed: 1000 mL Receipt Temperature: 15.3 deg C Preserved: No
 Analysis Start: March 16, 2017 16:11 Analysis Stop Date: March 21, 2017 12:37
 Analyst: Bonnie Mull, MPH Qualifier: U
 Primary Value: ≤1.0 Microorganisms CFU/sample analyzed
 Secondary Value: ≤0 Microorganisms CFU/mL sample
 Analysis Notes: Undetected: Analyte was not detected in the sample analyzed; Value represents the method's detection limit for the amount of sample analyzed as per the method's standard reporting units

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Client: Puravai

Project: Puravai

Method Detection Limit: 1 microorganism/ unit weight or volume analyzed

Practical Quantitation Limit: 1 microorganism/ unit weight or volume analyzed

Report Notes:

Sample(s) were received well preserved and in excellent condition. Sample(s) were analyzed following receipt as per the described analytical methodology. End of report notes.

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I certify that I have examined I am familiar with the information submitted herein. The results pertain only to analyzed sample(s) associated identifier #(s). Based on my inquiry of the individuals responsible for the analysis, I believe the data to be true, accurate, complete. Sampling field data was obtained from submitted documents. The analysis was authorized commissioned by the client. The resulting data are representative of the analysis conducted on the material/samples/articles provided by the client (or client's representative) it's/their condition at the time of analysis. The sample(s) were analyzed in accordance with the appropriate method , however due to the inherent limitations of the methods, microorganisms may avoid detection. BCS Laboratories offers no express or implied warranties concerning the quality, safety, and/or purity of any sample, batch, source, or the process they are derived from. Quality assurance controls were performed as outlined in the method and as per Good Laboratory Practices. The analysis results presented in this report meet the requirements of The NELAP Institute (TNI), ISO 17025, and The FL Public Health's Laboratory Certification Program, as applicable unless otherwise noted.



Signature of Laboratory Director/Authorized Rep. _____

Date: March 21, 2017

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DATA QUALIFIER CODES	
SYMBOL	MEANING
B	Results based on counts outside the acceptable range.
D	Measurement was made in the field.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J1	The sample matrix interfered with the ability to make any accurate determination.
J2	No Quality Control criteria exist for the component.
J3	The data are questionable because of improper laboratory or field protocols.
L	Off scale high. Actual value is known to be greater than value given.
N	Presumptive evidence for the presence of material. There is an indication that the analyte is present, but the confirmation requirement was not met.
O	Sampled, but analysis not performed.
Q	Sample held beyond the accepted holding time.
U	Indicates that the compound was analyzed for but not detected. The specified component was not detected. The reported value is the method detection limit.
V	Analyte was detected in both sample and associated method blank. Data may not be accurate.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies present (TNTC); the numeric value given represents the upper end of the value that can be determined based on the volume.
?	Data are rejected and should not be used. QC data for analyte did not meet acceptance criteria. Presence or absence of analyte could not be confirmed.
**	Not reported due to interference.
^	BCS is not currently accredited for this analyte.
#	BCS Lab specific qualifier. See laboratory analysis notes.

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