Attachment 5

Laboratory reports for NPDES monitoring

Laboratory Quality Control Reports

LTS ENVIRONMENTAL, INC.

Beta Offshore
111 W. Ocean Blvd., Suite 1240
Long Beach, Ca 90802

February 4, 2021

Attn: Diana Lang

Quarterly NPDES chlorine residuals on the non-contact cooling water outlet were as follows:

Sample Date / Time	**Location**	**Total Chlorine Residual** *(EPA Method 330.5)*
	Platform Ellen	End of Pipe
January 19, 2021 @ 0715 hrs	Non-Contact Cooling Water Outlet West Seawater Pump	0.12 mg/l
LTS Meter S/N: 041200088375		Method Blank < 0.05 mg/l (MDL)

Technician: Konrad Pala

S.G. Lawry
Environmental Specialist / LTS

LTS ENVIRONMENTAL, INC.

October 5, 2020

Quality Control

As part of the annual in-house quality control chlorine meter check and to ensure proper operation of the meters, LTS Environmental Inc. performed a total residual chlorine test with a known value obtained from Sigma-Aldrich Corporation. Results of this test are as follows:

Test Date	**Total Residual Chlorine**
October 1, 2020	*(EPA Method 330.5)*
LTS meter (SN 041200088375)	**1.87 mg/l**

Acceptance Limits	0.902 mg/l – 2.38 mg/l
Certified Value	1.64 mg/l ± 0.0574

Sigma-Aldrich Corporation test sample (QC1065-2ml. Lot LRAB5132)

LTS Lead Technician: Konrad Pala

Method Blank < 0.05 mg/l

S.G. Lawry
Environmental Specialist
President, LTS Environmental, Inc.

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