



BP Cherry Point Refinery
4519 Grandview Road
Blaine, Washington 98230
Telephone 360 371-1500

May 1, 2023

Mr. Liem Nguyen
Washington Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

Re: Ecology Agreed Order 20840; 2023 Chronic Bioassay Whole Effluent Toxicity (WET) Testing

Dear Mr. Nguyen:

Attached please find the above referenced reports. These reports describes the results of the bp Cherry Point Refinery's 2023 WET testing as outlined in Ecology's Agreed Order 20840.

Included in this submission are results from two sampling events; one which commenced on February 23rd, 2023, and the second which commenced on March 9th, 2023. Per the Agreed Order, both studies were performed using the species *Americamysis bahia*. A series of five effluent concentrations, including the adjusted chronic critical effluent concentration (CCEC) of 2.4% and the adjusted acute critical effluent concentration (ACEC) of 10.8% was utilized.

The third cooler containing the last renewal sample for the second test was delayed in shipping and arrived approximately 48 hours after the sampling event. The sample arrived at an acceptable testing temperature and was used to complete the test. As noted in the attached correspondence with Chris Dudenhoeffer at WA DOE, the testing protocols used meet the requirements of the Agreed Order and testing results are accepted as valid.

There was no statistically significant difference between survival in the control and survival in the adjusted CCEC or ACEC effluent concentrations, as indicated by the report data.

If you have any questions regarding the report, please feel free to contact me at (360) 296-4283 or Rikki.Larson@bp.com

Sincerely,

Erika (Rikki) Larson
Environmental Advisor
BP Cherry Point Refinery