



November 29, 2018

Mr. Thomas Gunter  
Division of Air Quality  
Utah Department of Environmental Quality  
PO Box 144820  
Salt Lake City, UT 84114-4820

**RE: Big West Oil, LLC Comments to proposed Amendments to Utah State Implementation Plan, Section IX (Control Measures for Area and Point Sources), Part H (Emission Limits and Operating Practices); R307-110-117**

Dear Mr. Gunter:

Big West Oil, LLC (“BWO”) appreciates the opportunity to provide these comments regarding the Utah Department of Environmental Quality (“DEQ”), Division of Air Quality (“UDAQ”) proposed amendments to the Utah State Implementation Plan (“Utah SIP”), Section IX, Part H regarding particulate matter emissions in the Logan, Provo and Salt Lake Nonattainment Areas (the “PM SIP” or the “Rule”). BWO looks forward to working with UDAQ staff to facilitate the necessary changes to the proposed PM SIP to address these important issues.

BWO respectfully submits the following comments regarding the proposed amendments to the State Implementation plan (SIP) Subsection IX, Part H, Sections 1, 2, 11, and 12. As owner and operator of the North Salt Lake Refinery, BWO is subject to the emission limitations and other requirements proposed in this rulemaking.

### **Comment 1**

Proposed stack testing frequencies for PM<sub>10</sub> and PM<sub>2.5</sub> in Subsections IX.H.2.a.i.B and IX.H.12.b.i.B, respectively, have changed from every three (3) years to annually. BWO feels that increasing the frequency to annual is a burden to not only the refinery but also to UDAQ, who will be reviewing additional data and reports, such as stack testing protocols and stack testing results. BWO agrees with UDAQ’s Response to the Air Quality Board’s Motion on the Utah SIP that stack testing frequencies that were developed by UDAQ’s engineers provide adequate assurance of compliance.

As was indicated to UDAQ when the frequency for these conditions were initially determined, stack testing on the FCC stack has been performed annually since June 2016, in accordance with the provisions of a Consent Decree between BWO and the US Environmental Protection Agency (“USEPA”). Pursuant to the Consent Decree requirements, the most recent testing event occurred September 12, 2018. Prior to the Consent Decree, the approval order issued by UDAQ required

FCC stack testing for PM every five (5) years, in accordance with R307-165-2. These stack tests have established that controls for the stack are operating properly. Therefore, in accordance with terms of the Consent Decree, BWO will be requesting that, under the Consent Decree, testing frequency on the FCC be changed to every three (3) years. To assure the control devices on the FCC stack are operating properly, BWO would also be measuring and recording opacity from the FCC as per the requirements of 40 CFR 63.1572(b) and complying with the opacity limitations as per the requirements of Table 7 to Subpart UUU of Part 63. BWO requests that testing frequency remain at every three (3) years and that the following provisions be revised as indicated:

**Subsection IX.H.2.a.i.B**

*The default emission factors for the FCC listed in IX.H.2.a.i.A above apply until such time as stack testing is conducted as outlined below:*

*PM<sub>10</sub> stack testing on the FCC shall be performed initially no later than January 1, 2019 and at least ~~once every three (3) years~~ annually once every three (3) years thereafter. Stack testing shall be performed as outlined in IX.H.1.e.*

**Subsection IX.H.12.b.i.B**

*The default emission factors for the FCC listed in IX.H.2.a.i.A above apply until such time as stack testing is conducted as outlined below:*

*PM<sub>2.5</sub> stack testing on the FCC shall be performed initially no later than January 1, 2019 and at least ~~once every three (3) years~~ annually once every three (3) years thereafter. Stack testing shall be performed as outlined in IX.H.1.e.*

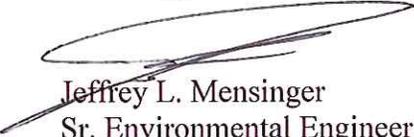
**Comment 2**

Subsections IX.H.2.a.vi.A and IX.H.12.b.vi.A were changed to provide that baseline hydrocarbon flaring will be limited to 300,000 scfd by January 1, 2021, for each affected flare. BWO agreed with UDAQ to implement a lower baseline flow rate on the refinery flares than what Subsections IX.H.1.g.v.B and IX.H.11.g.v.B required for all refineries in exchange for being granted a 2-year extension to implement process changes that were being considered to reduce flaring at the refinery. BWO has since determined that it no longer needs a 2-year extension and is able to meet the requirements of Subsections IX.H.1.g.v.B and IX.H.11.g.v.B in a timely manner. BWO requests that the requirements in Subsections IX.H.2.a.vi.A and IX.H.12.b.vi.A specifically relating to the BWO refinery be removed.

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Again, BWO appreciates DAQ's willingness to meet with stakeholders throughout this process and appreciates the opportunity to provide comments on this matter. BWO looks forward to working with UDAQ staff to address these concerns and to make the necessary changes to the proposed Rule. If there are any questions, please feel free to contact me at (801)296-7784.

Sincerely,



Jeffrey L. Mensinger  
Sr. Environmental Engineer

cc: Mike Swanson  
Orson Thornton