



Subject: Monthly Oil and Gas Ambient Air Monitoring Report For

Oil and Gas Parent Well Code: 11230512350509

Oil and Gas Company and Site: Kerr-McGee: Mae J 14-8HZ Pad

Chad Schlichtemeier

HSE Rockies

Kerr-McGee Oil and Gas Onshore, LP

Letter Sent by Email: Chad.Schlichtemeier@oxy.com

Dear Mr. Schlichtemeier,

The Air Pollution Control Division has received the oil and gas site ambient air monitoring report for:

Parent Well Code: 11230512350509

Month and Year of Report: 2 2021

Date of This Letter: 3/26/2021

Thank you for submitting the February 2021 report for the Kerr-McGee Mae J Regulation 7 oil and gas monitoring program. We note that the start date for this regulatory program is May 1, 2021, and that these reports are being made under a voluntary air monitoring status. In fact, Kerr-McGee is the first company in the state that is reporting to APCD under the new program. With this in mind, I have the following comments.

1. It would be helpful if the title page of the report could include the Parent Well Code, which the APCD uses as a pad identifier in our records. For the Mae J pad, the parent well code is:

11230512350509

2. Data recovery for the PID samplers was excellent, at 98% or better for all 5 samplers.

3. Electronic Format for Reporting

Thank you for the graphs of sampler results. The presentation of information in a .pdf format, however, limits its use, as it cannot easily be electronically copied or summarized. The APCD requires that all monthly reports include excel or other type timeseries results of the sampling from each of the PIDs, and the meteorological station. For an example, please see the draft example Excel reporting template that was presented to the AQCC air monitoring subgroup for comment. It is attached. The tab, "data instruct" (ions), shows an example. The excel file should be complete, showing all 15-minute periods, with missing data codes or lines filled in as necessary. (You can disregard the requirement for 2 versions, raw and final, and just send the final, quality-assured version. This part of the spreadsheet instructions has been changed, per

comments from the AQCC air monitoring subgroup). Also, it would be best if all PID and meteorological monitoring results for the wellpad were combined in one spreadsheet.

- 4. The results for the month of February 2021 all appear to be below any event reporting levels.

- 5. Tables 1 and 2, Benzene Results.

Please also include an attached excel spreadsheet with these results. This will give us an electronic format, in addition to the .pdf format in the report.

The comparison between the carbon tubes and the PID results, over the same time periods, is very helpful and informative.

- 6. For Table 2, results for 14 carbon tube sampling locations are shown. Yet in the appendix, the chain-of-custody lists some additional tube samples, from sites MJ-16 through MJ-23. Where are these additional sites?

- 7. Please provide the data components of the report, such as the underlying distributions for the wind and pollution roses, and the total VOC frequency distributions for each monitor, in Excel format, in addition to the .pdf format in the report. This also applies to the VOC sampler calibration results, which appear to be in spreadsheets, but are in printed versions in the report. It would also be helpful to have the geographic information, such as the well locations and the sampling site locations, in an electronic format.

In conclusion, this is a very good reporting format for this program. We just need electronic versions of the data, in addition to the .pdf format, as described in the comments above.

Sincerely,



Nancy D. Chick
Physical Science Researcher
Air Pollution Control Division

CC to Local Contacts:

Company or Agency Name	First Name	Last Name	Email Address
Erie	Malcolm	Fleming	mffleming@erieco.gov
Weld County	Taylor	Robinson	trobinson@weldgov.com
Weld County	Jason	Maxey	Jmaxey@weldgov.com