

PART II - OTHER CONDITIONS**A. MINIMUM QUANTIFICATION LEVEL (MQL)**

The Permittees shall use sufficiently sensitive EPA-approved analytical methods (under 40 CFR part 136 and 40 CFR chapter I, subchapters N and O) when quantifying the presence of pollutants in a discharge for analyses of pollutants or pollutant parameters under the permit. In case the minimum quantification levels (MQLs) are not sufficiently sensitive to the limits, the actual detected values, instead of zeros, need to be reported. **if there is a sensitive method with MDL (method detection limit) below the TAL, but the MQL is above the TAL, they cannot report zero based on MQL but must report actual value.**

If any individual analytical test result is less than the MQL listed in Appendix C or C-1, or the more sensitive MDL, a value of zero (0) may be used for that individual result for reporting purpose.

The Permittees may develop an effluent specific method detection limit (MDL) in accordance with Appendix B to 40 CFR 136. For any pollutant for which the Permittees determine an effluent specific MDL, the Permittees shall send to the EPA Region 6 NPDES Permits Branch (6WQ-P) a report containing QA/QC documentation, analytical results, and calculations necessary to demonstrate that the effluent specific MDL was correctly calculated. An effluent specific minimum quantification level (MQL) shall be determined in accordance with the following calculation:

$$\text{MQL} = 3.3 \times \text{MDL}$$

Upon written approval by the EPA Region 6 NPDES Permits Branch (6WQ-P), the effluent specific MQL may be utilized by the Permittees for all future Discharge Monitoring Report (DMR) reporting requirements.

The PCB congener-specific MQLs are listed in Appendix C-1.

B. 24-HOUR ORAL REPORTING

Exceedances of MTAL (Maximum Target Action Level) for any applicable pollutants shall be reported to to NMED, Surface Water Quality Bureau (SWQB) at (505) 827-0187 within 24 hours from the time the Permittees become aware of the exceedance.

C. COMPOSITE SAMPLING

Unless otherwise specified in this permit, the term "composite sample" means samples collected either by an automatic sampler or by manual, during the whole or part of a rainfall period, are composited prior to an analysis. The Permittees may use either grab samples or composite samples for monitoring purpose as long as it keeps practice consistency.

D. DATA AVERAGE

The average is the geometric mean of applicable monitoring results at the SMA. If all analytical results are below analytical method detect level, a value of “zero” may be reported. If one or more data are above detect level, a value of ½ detect level shall be assigned to those below detect level data for calculation purpose. If the average value of a specific pollutant is below its MQL, a value of “zero” may be reported for the average.

If a new or an enhanced BMP is installed, the average is calculated based on analytical results from samples taken after installation of the BMP.

E. PERMIT REOPENER

The Permit may be reopened and modified during the life of the Permit if relevant portions of New Mexico’s Water Quality Standards for Interstate and Intrastate Streams are revised, or new State water quality standards are established and/or remanded by the New Mexico Water Quality Control Commission. The Permit also may be reopened and modified if new information, e.g., EPA approved TMDLs, and etc., is received that was not available at the time of permit issuance that would have justified the application of different permit conditions at the time of permit issuance.