

PMSD values were calculated for each set of results and compared to EPA's Variability Criteria to ensure their validity. PMSD for *Ceriodaphnia dubia* reproduction and *Pimephales promelas* survival from the eight WET tests were lower or within EPA's Variability Criteria; therefore, the tests are considered valid. Refer to Appendix E for PSMD values.

Test	Sample Date	No Observed Effect Concentration (NOEC)			
		<i>Ceriodaphnia dubia</i>		<i>Pimephales promelas</i>	
		Survival (%)	Reproduction (%)	Survival (%)	Growth (%)
1	2017	100	100	100	100
2	2018	100	100	100	100
3	2019	100	100	100	100
4	2020	100	100	100	100
5	2021	100	100	100	100
6	2022	100	100	100	100
7	2023	100	100	100	100
8	2024	100	100	100	100

EPD is including annual WET monitoring for all facilities with a permitted discharge of 1.0 MGD or greater; therefore, annual WET testing has been included in the draft permit.

EPD will evaluate the WET tests submitted to determine whether toxicity has been demonstrated. If the test results indicate effluent toxicity, the permittee may be required to perform additional WET tests or studies in accordance with Part I.C.5 of the permit and/or the permit may be modified to include a chronic WET limit.