

NPDES PQR Nutrient Checklist

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Facility Name:	
NPDES permit number:	
Permit Issuance Date:	
Permit Expiration Date:	
<p>1. Does the permit contain a numeric nitrogen-based permit limit requirement, other than ammonia as a toxic? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">a. What nitrogen-based constituents are limited? (e.g. total nitrogen (TN), nitrate-as-nitrogen (NO₃⁻-N), etc.)?</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">b. Are the limits expressed as: <input type="checkbox"/> concentration- <input type="checkbox"/> load- based?</p> <p style="margin-left: 20px;">c. What is the averaging period of the limit (daily maximum, average weekly, average monthly, seasonal, annual, etc.)?</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">i. If the averaging period is less frequent than monthly, does the record include an "impracticability" determination to justify a longer-than-monthly averaging period for its permit limit? [40 CFR 122.45(d)(1)] <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">d. What is the monitoring frequency for the limitation (daily maximum, average weekly, average monthly, seasonal, annual, etc.)?</p> <p style="margin-left: 20px;">_____</p>	
<p>2. Does the permit contain a numeric phosphorus-based permit limit requirement? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">a. What phosphorous-based constituents are limited? (e.g. total phosphorous (TP), phosphate-as-phosphorus (PO₄⁻-P), orthophosphate, etc.)?</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">b. Are the limits expressed as: <input type="checkbox"/> concentration- <input type="checkbox"/> load- based?</p> <p style="margin-left: 20px;">c. What is the averaging period of the limit (daily maximum, average weekly, average monthly, seasonal, annual, etc.)?</p> <p style="margin-left: 20px;">_____</p> <p style="margin-left: 20px;">i. If the averaging period is less frequent than monthly, does the record include an "impracticability" determination to justify a longer-than-monthly averaging period for its permit limit? [40 CFR 122.45(d)(1)] <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">d. What is the monitoring frequency for the limitation (daily maximum, average weekly, average monthly, seasonal, annual, etc.)?</p> <p style="margin-left: 20px;">_____</p>	
<p>3. Does the record adequately indicate that reasonable potential analysis (RPA) was conducted for nutrients or nutrient-related pollution? [40 CFR 122.44(d)(1)(ii)] <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">_____</p>	

a. Which nutrient WQSs were used to determine RP and how are the standards expressed (e.g. numeric causal variables, numeric response variables, narrative, biological-based)?

b. Is effluent quality and variability characterized for nutrients-based parameters? Yes No

c. Is the receiving (or upstream) water quality characterized for nutrients-based parameters? Yes No

i. Does the record indicate that the receiving water(s) is impaired for nutrients and/or nutrient-related impacts? Yes No

ii. If yes, describe:

d. What procedures does the record indicate were applied for conducting RPA (e.g. steady-state water quality mass balance, dynamic modeling, state-specific permit implementation procedures, translation, interpretation etc.)?

4. Does the record indicate whether the discharger is subject to an effluent limitation guideline that includes a requirement for nitrogen or phosphorus [40 CFR 122.44(a)]? Yes No

a. If yes, describe:

5. Does the record describe the basis for the nutrient limits?

- Technology-based
- WQ-based
- numeric WQS
- Narrative WQS
- TMDL [40 CFR 122.44(a) & (d)]

a. How were mixing zones or dilution allowances applied? [40 CFR 122.44(d)(1)(ii)]

6. Does the record describe if and how downstream protection of waters was considered [40 CFR 122.4(d) & 40 CFR 122.44(d)(1)]? Yes No

7. Does the permit include limits that account for a variance or UAA [40 CFR 131.13] or does the permit include a compliance schedule [40 CFR 122.47]? Yes No

a. If yes, describe:

Comments: