

This is a copy of Page 10 from Anne Arundel County's NPDES Permit for the Annapolis WRF, which lists the minimum requirements for monitoring the effluent. Annapolis WRF has not violated its permit in more than a decade!

II. SPECIAL CONDITIONS

B.1. Minimum Monitoring Requirements:

The effluent characteristics listed below in Table B(1) shall be monitored at the sampling point (Definition I.Q). If the sampling point is other than the outfall- 001A, the permittee shall ensure that the effluent samples are representative of the effluent quality being discharged at the outfall 001A.

<u>Effluent Characteristics</u>	<u>Monitoring Period</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
BOD ₅ ⁽¹¹⁾⁽²¹⁾⁽²²⁾	All Year	Five per week	24-hour composite
Total Suspended Solids ⁽¹¹⁾⁽¹⁴⁾⁽²¹⁾⁽²²⁾	All Year	Five per week	24-hour composite
Total Ammonia Nitrogen as N ⁽¹¹⁾⁽¹²⁾⁽¹³⁾⁽²¹⁾	All Year	Three per week	24-hour composite
(Nitrite + Nitrate) as N ⁽¹¹⁾⁽¹²⁾⁽¹³⁾⁽²¹⁾	All Year	Three per week	24-hour composite
Organic Nitrogen as N ⁽¹¹⁾⁽¹²⁾⁽¹³⁾⁽²¹⁾	All Year	Three per week	24-hour composite
Total Nitrogen as N (Gross) ⁽¹¹⁾⁽¹³⁾⁽¹⁴⁾⁽¹⁵⁾⁽²¹⁾	All Year	Three per week	Calculated
Total Nitrogen as N (Net) ⁽²¹⁾⁽¹⁵⁾	All Year	One per month	Calculated
Total Phosphorus as P ⁽¹¹⁾⁽¹⁴⁾⁽²¹⁾	All Year	Three per week	24-hour composite
Orthophosphate as P ⁽¹¹⁾⁽¹²⁾⁽²¹⁾	All Year	Three per week	24-hour composite
Fecal Coliform ⁽¹⁾⁽¹⁶⁾⁽²¹⁾	All Year	Three per week	Grab
Total Residual Chlorine ⁽¹¹⁾⁽¹⁶⁾⁽¹⁷⁾	All Year	See footnote 16	See footnote 16
Dissolved Oxygen ⁽¹¹⁾⁽¹⁷⁾	All Year	Three per day, One per shift	Grab
pH ⁽¹¹⁾⁽¹⁷⁾	All Year	Three per day, One per shift	Grab
Flow ⁽¹¹⁾⁽¹⁸⁾⁽¹⁹⁾	All Year	Continuous	Recorded ⁽¹⁹⁾
Total Monthly Flow ⁽¹¹⁾⁽²⁰⁾	All Year	Monthly	Calculated ⁽²⁰⁾