

- 1. Person(s) performing permit required analyses hold(s) a State certified lab analyst certification, or Class II or higher certification? Y N N/A N/E
- 2. Facility uses accredited laboratory? Y N N/A N/E
- 3. Name of accredited laboratory: **City of Sycamore WPCP Laboratory (municipally owned analytical lab)
- 4. Parameters analyzed by accredited laboratory: ** BOD, TSS, Fecal Coliform Bacteria

Comments:
 Influent and Effluent compliance monitoring required for BOD, TSS and Fecal Coliform Bacteria is collected and sent to the City of Sycamore WPCP Laboratory for analyses. Effluent TRC and pH analyses are performed on-site by Mr. Brandon Rice and Mr. John Reynolds. No problems noted with Laboratory Quality Assurance or Certifications during the visit.

pH

- 1. Method: SM 4500-H+B.
- 2. Sample analyzed in situ? Y N N/A N/E
- 3. Sample analyzed within 15 minutes of collection? Y N N/A N/E
- 4. Meter standardized using at least two buffers that bracket sample pH? Y N N/A N/E
- 5. Sample temperature recorded? Y N N/A N/E
- 6. Buffer solutions in date? Y N N/A N/E
- 7. Calibration record maintained for equipment used? Y N N/A N/E
- 8. Sample location recorded? Y N N/A N/E
- 9. Sample collection time recorded? Y N N/A N/E
- 10. Sample collection date recorded? Y N N/A N/E
- 11. Time of analysis recorded? Y N N/A N/E
- 12. Date of analysis recorded? Y N N/A N/E
- 13. Analyst's name or initials recorded? Y N N/A N/E
- 14. Name of the Standard Method or EPA procedure recorded? Y N N/A N/E

Comments:
 Facility monitors effluent pH once/week at end of Chlorine Contact Chamber by Mr. Rice and Mr. Reynolds using a Hach 40d meter. Sample temperatures are not being recording during analysis; and is required. Sampling and calibration records associated with compliance monitoring for this parameter shall be retained by the Facility and should meet the minimum criteria listed above.

Total Residual Chlorine (TRC)

- 1. Method: 4500-Cl G.
- 2. Sample analyzed within 15 minutes of collection? Y N N/A N/E
- 3. A blank analyzed with each sample group? Y N N/A N/E
- 4. Calibration record maintained for equipment used? Y N N/A N/E
- 5. Sample location recorded? Y N N/A N/E
- 6. Sample collection time recorded? Y N N/A N/E
- 7. Sample collection date recorded? Y N N/A N/E
- 8. Time of analysis recorded? Y N N/A N/E
- 9. Date of analysis recorded? Y N N/A N/E
- 10. Analyst's name or initials recorded? Y N N/A N/E
- 11. Name of the Standard Method or EPA procedure recorded? Y N N/A N/E

Comments:
 Facility monitors effluent TRC once/week at end of Chlorine Contact Chamber by Mr. Rice and Mr. Reynolds using a Hach II Colorimeter. Sample temperatures are not being recording during analysis; and is required. Sampling and calibration records associated with compliance monitoring for this parameter shall be retained by the Facility and should meet the minimum criteria listed above.

Biochemical Oxygen Demand-5 day (BOD)

- 1. Method: SM 5210 B.
- 2. Samples analyzed within 15 minutes of collection? Y N N/A N/E
- 3. Samples stored at ≤6°C and analysis begun within 48 hours of collection? Y N N/A N/E