UNIT PROCESS: ACTIVATED SLUDGE AERATION

1. Number of units: In operation:

2. Mode of operation:

3. Proper flow distribution between units: [ ] Yes [ ] No* [ ] NA

4. Foam control operational: [ ] Yes [ ] No* [ ] NA

5. Scum control operational: [ ] Yes [ ] No* [ ] NA

6. Evidence of following problems:
   a. dead spots [ ] Yes* [ ] No
   b. excessive foam [ ] Yes* [ ] No
   c. poor aeration [ ] Yes* [ ] No
   d. excessive aeration [ ] Yes* [ ] No
   e. excessive scum [ ] Yes* [ ] No
   f. aeration equipment malfunction [ ] Yes* [ ] No
   g. other (identify in comments) [ ] Yes* [ ] No

7. Mixed liquor characteristics (as available):
   pH: s.u. MLSS: mg/l DO: mg/l SDI: SVI: Color:
   Odor: Settleability: ml/L Others (identify):

8. Return/waste sludge:
   A. Return Rate: b. Waste Rate: c. Frequency of Wasting:

9. Aeration system control: [ ] Time Clock [ ] Manual [ ] Continuous [ ] Other (explain)

10. Effluent control devices working properly (oxidation ditches): [ ] Yes [ ] No* [ ] NA

11. General condition: [ ] Good [ ] Fair [ ] Poor

Comments: