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## APPENDIX

Appendix A: Temperature recorded in each sampling site of wastewater treatment plant.

Temperature, °C	STP1	STP2	STP3
<b>Influent</b>			
02-Feb-09	29.4	29.9	30.5
09-Jun-09	28.8	29.4	30.5
11-Sep-09	28.6	29.5	30.8
<b>Aeration</b>			
02-Feb-09	28.0	29.8	31.6
09-Jun-09	27.8	30.2	32.0
11-Sep-09	27.8	29.3	32.2
<b>Effluent</b>			
02-Feb-09	28.4	29.7	31.3
09-Jun-09	27.8	29.7	31.8
11-Sep-09	28.0	29.7	31.0

Appendix B: pH recorded in each sampling site at wastewater treatment plant.

pH	STP1	STP2	STP3
<b>Influent</b>			
02-Feb-09	8.0	8.0	6.0
09-Jun-09	6.0	7.0	5.0
11-Sep-09	7.0	6.0	6.0
<b>Aeration</b>			
02-Feb-09	7.0	6.0	4.0
09-Jun-09	5.0	5.0	5.0
11-Sep-09	6.0	6.0	5.0
<b>Effluent</b>			
02-Feb-09	7.5	7.0	6.0
09-Jun-09	6.0	6.0	6.0
11-Sep-09	5.0	7.0	5.0

Appendix C: Standards of effluent discharge set by Environmental Quality Act (1974).

Parameters	Unit	Standard	
		A	B
BOD <sub>5</sub> at 20°C	mg l <sup>-1</sup>	20	50
COD	mg l <sup>-1</sup>	120	200
Suspended Solids	mg l <sup>-1</sup>	50	100
Oil and grease	mg l <sup>-1</sup>	5.0	10.0
Ammonia in stagnant water	mg l <sup>-1</sup>	5.0	5.0
Ammonia in open water	mg l <sup>-1</sup>	10.0	20.0
Nitrate in stagnant water	mg l <sup>-1</sup>	5.0	10.0
Nitrate in open water	mg l <sup>-1</sup>	10.0	10.0