Sewage Treatment Rubric

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| Grader: |  | REFER TO RUBRIC FOR MORE EXAMPLES AND EXPLANATIONS |
| *Scoring Grid:* |  | POINTS |
| (a)One component targeted for removal by primary and secondary treatment  *Primary* (1 pt) Ex – rocks, gravel, waste, fats  *Secondary* (1pt) Ex – organic materials, waste, pathogens | 2 points possible |  |
| (b) How pollutant removed in part (a)  *Primary* (1 pt) Ex settling tank, flotation, skimmed off  *Secondary* (1 pt) Ex aerobic microorganisms break down and consume | 2 points possible |  |
| (c)How create solid waste problem  Ex – solid waste must be disposed of | 1 point possible |  |
| (d)Environmental problem with sending to landfill or agricultural land  *Landfill* (1 pt) Ex takes up space, groundwater contamination  *Agriculture* (1 pt) Ex – contaminate food, groundwater, runoff | 2 points possible |  |
| (e) Pollutant targeted for disinfection & method  *Pollutant* (1 pt) E.coli, Coliform, microrganisms/bacteria  *Method* (1 pt) Ex – chlorine, ozone, UV | 2 points possible |  |
| (f) Federal Law  Ex – Safe drinking Water Act  Clean Water Act | 1 point possible |  |
| Name: | TOTAL POINTS | /10 |