

City of Sweeny
Waste Water Plant Maintenance Needs
August 7, 2024

Today is the first time I have had a chance to physically spend time at the Waste Water plant to determine needs of the plant itself. This is strictly a walk through observation and from a treatment process evaluation. That evaluation will take a few days to complete as I would need to actually follow the process from start to finish.

I have attached my perspective of the total condition as if I were an auditor from the Texas Commission of Environmental Quality.

1. Fence lines need to be cleaned of vegetation and debris growing on the fences.
2. Fence needs repaired and intruder wire replaced along the top.
3. All gates SHALL be secured anytime that operational personnel are not on site.
4. Property should be mowed on a regular basis to prevent overgrowth of complex.
5. General trash and debris scattered around the complex.
6. Gas chlorine injection system not functional.
7. Safety equipment not properly stored and laying around the complex
8. Extension cords run large distances to operate equipment and unprotected.
9. Electrical supply box not secured from weather elements.
10. Pumps and motors of unknown conditions scattered throughout the complex
11. Reclaimed wash water system not functional.
12. Chemical feed lines not protected and laying on the ground
13. Automated Bar screen not functioning
14. 1 of 2 blowers for the Chlorine contact chamber not functional
15. Bar Screen baffle gear box disassembled
16. Electrical pull boxes and junction boxes open and exposed to elements
17. 1 of 2 clarifiers is not in operation
18. 2 of 4 return activated sludge pumps not operational
19. sludge dewatering system not functional
20. sludge drying beds in various state of disrepair

Although some of these items do not directly have any regulatory value, they do set the tone for an auditor when they enter the complex. It gives them the idea of pride from the operator in taking care of their facilities.

Again this observation is not from an operational treatment standpoint only a physical needs review.

David Jordan