

Specifications

- **Maintenance of three Oxidation Ponds and three Lift Stations once per week.**
- **Sampling & Discharge Monitoring Report- Bi weekly (twice per month) - LDEQ Permit #A19928-Agency Interest #LA0101907**

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***In accordance with the above stated inspection frequency, the following tasks will be performed to the client's wastewater pond system (as applicable):**

1. Inspect and clean the bar screen; where applicable, and inspect the inlet and outlet flow rates.
2. Check all anchor eyes for baffles or curtains (if applicable).
3. Check all baffle curtains on ponds (if applicable).
4. Check the oil levels in the gearboxes. Inspect and lubricate the motors when applicable.
5. Check banks, levees and liners for erosion or damage.
6. Inspect the outfall pipe for leakage.
7. Inspect influent pipe throughout levee for damage.
8. Check all electrical components and wiring where necessary, if applicable.
9. Check AMPS on all blower motors, aerator motors and pump motors where applicable.
10. Inspect the contact chamber for sludge accumulation and clean chlorinator when applicable.
11. Inspect the chlorination unit and restock it with chlorine tablets, gas chlorine or de-chlorination. Client provides supplies to restock unless otherwise specified in this Contract.
12. Inspect area for any possible excursion, illegal discharges or erosion.
13. Inspect area for vegetation growth and housekeeping check.

***In accordance with the above stated Inspection Frequency the following tasks will be performed to the client's wastewater lift station (as applicable):**

1. Remove trash and floatable solids on surface in the lift station well section not over (6') in depth, when operator accessible. Height accumulation and heavy accumulation will require additional charge.
2. Inspect and adjust, if necessary, the floats.
3. Inspect the overall condition of the well.
4. Inspect and clean the bar screen, if applicable; and inspect the inlet and outlet flow rates.
5. Inspect for trash and light grease removal. Removal of large amounts of grease will be billed accordingly.
6. Inspect all controls, wiring and control box for weather leaks or damage.
7. Inspect the operation of the simplex, duplex and triplex system station.
8. Inspect for vibration of pumps(s) or motor(s).
9. Inspect the belts/couplings and tighten bolts on pump(s) and/or motor(s).

10. Check the oil levels in the gearboxes. Inspect and lubricate the pump(s) and motor(s) when applicable.
11. The lift station will be washed down according to the inspection frequency. In order to guarantee this service, the client must provide or allow provisions for clean water service and hoses to the station. Where water service is not available we will clean facility as best we can without the water (broom, shovel, lift screen/net, etc.).
12. Inspect the outer piping of the lift station for possible leaks or damage.
13. Inspect and check the floor of the lift station for silt or debris with a probe.
14. Wash down the area of the lift station pad (if water is available).
15. The unit will be observed for erosion to the inner can/well area.
16. Check AMPS on all the motor(s) and pump motor(s).
17. Inspect the high-level alarm.
18. Test all H-O-A switches.
19. Grass around equipment is prohibited. Company will keep grass cut at an additional charge.
20. Check external lift station condition.
21. Manually checks for complete operation, through simulation, where lift station can/well is easily entered.
22. Check lift station for any illegal discharges.
23. Check lift station periodically for infiltration.

***Weekly Service will include:**

1. Three lift stations, dipping out all trash, checking amps on motors, checking oil, & greasing pumps.
2. Check chlorine and sulfur dioxide cylinders and gas pumps (small pumps on top of the cylinders). Make sure cylinders have gas anthem by looking at flow tube. Replace empty cylinders with full cylinders (easy to swap pumps from one tank to another).
3. Make sure polymer tank isn't empty and that LMI pump is operating.
4. Clear any debris from discharge of pond into catch basket.
5. Inspect backwash from ponds that flows into third lift station.
6. Physically view aerators in ponds to make sure they are operating.

***Quarterly service will include:**

1. Taking a small boat out into the ponds to do maintenance on aerators in ponds.

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Chlorine, Sulfur, polymer will be purchased on an as needed basis.

Sampling to include electronic submission of DMRs.