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| **MAINTENANCE ASSURANCE MANUAL**  **LIFT STATION INSPECTION** | Report No.: LS 1  Page 1 of 1 |

Month/Year \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Station Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Equipment | Task  Description | Frequency | Isolation  Required | Comments |
| Generator | Check engine | A | Yes |  |
| Generator | Check air filter | S/A | Yes |  |
| Generator | Change oil | A | Yes |  |
| Transfer switch | Check and test | S/A | No |  |
| Transfer switch | Output current before load | M | No |  |
| Transfer switch | Output voltage before load | M | No |  |
| Transfer switch | Output current after load | M | No |  |
| Transfer switch | Output voltage after load | M | No |  |
| Vent blowers | Check operation | M | No |  |
| Building | Check doors and locks | M | No |  |
| Building | Check lights | M | No |  |
| Wet well | Clean pit | A | No |  |
| Wet well | Sound well | M | Yes |  |
| Wastewater pumps | Check motor | A | No |  |
| Wastewater pumps | Water lube line | S/A | No |  |
| Wastewater pumps | Check coupling | S/A | Yes |  |
| Wastewater pumps | Check ball valve | S/A | Yes |  |
| Wastewater pumps | Check strainer | S/A | Yes |  |
| Wastewater pumps | Check pump impeller | S/A | No |  |
| Wastewater pumps | Check drain line | M | No |  |
| Wastewater pumps | Check pumping range | M | No |  |
| Wastewater pumps | Check for noise | M | No |  |
| Wastewater pumps | Check for vibration | M | No |  |
| Wastewater pumps | Record hours/litres | M | No |  |
| Wastewater pump controls | Alternate pumps | M | No |  |
| Wastewater pump controls | Check voltage and amp readings | M | No |  |
| Sump pump | Inspection & check operation | M | Yes |  |
| Main water strainer | Clean | A | Yes |  |
| Gate valves | Repair | A | Yes |  |
| Force main valves | Operate valves | A | No |  |
| Slide gate | Check | A | No |  |
| Station power supply | Record electric meter | M | No |  |
| Housekeeping | Clean motors and pumps | M | No |  |
| Housekeeping | Clean station interior and grounds | M | No |  |

(Frequency: A – annually; S/A – semiannually; M – monthly)

Reported by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_