**##MUNICIPALITY**

**DRAIN MANHOLE INSPECTION LOG Manhole ID:**

Inspection Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Tributary Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Street: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Inspector: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspection: Not Found \_\_\_\_ Surface \_\_\_\_ Internal \_\_\_\_ Follow Up Inspection\_\_\_\_\_\_\_\_\_

 Time Since Last Rain: < 48 hours \_\_\_\_\_ 48 – 72 hours \_\_\_\_\_ > 72 hours \_\_\_\_\_

**Observations**:

Standing Water in Manhole: Yes \_\_\_\_ No \_\_\_\_ Color of Water: Clear \_\_\_\_ Cloudy \_\_\_\_ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Flow in Manhole: Yes \_\_\_\_\_ No \_\_\_\_\_ Velocity: Slow \_\_\_\_\_ Medium \_\_\_\_\_ Fast \_\_\_\_\_ Depth of Flow: \_\_\_\_\_ in. Color of Flow: No Flow: \_\_\_\_\_ Clear \_\_\_\_\_ Cloudy \_\_\_\_\_ Suspended Solids \_\_\_\_\_ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blockages: Yes \_\_\_\_\_ No \_\_\_\_\_ Sediment in Manhole: Yes \_\_\_\_ No\_\_\_\_ If Yes: Percent of Pipe Filled: \_\_\_\_\_ % Floatables: None \_\_\_\_\_ Sewage \_\_\_\_\_ Oily Sheen \_\_\_\_\_\_ Foam \_\_\_\_\_ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Odor: None \_\_\_\_\_ Sewage \_\_\_\_\_ Oil \_\_\_\_\_ Soap \_\_\_\_\_Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Field Testing:**

Temp \_\_\_\_\_ Conductivity \_\_\_\_\_ Surfactants: Yes/No Ammonia: Yes/No Chlorine \_\_\_\_\_\_\_\_ Salinity \_\_\_\_\_\_\_\_\_

**Lab analysis:**

E. coli \_\_\_\_\_\_\_\_\_\_\_\_\_ Pollutants of Concern\* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*For TMDLs or Water Quality Limited (WQL), refer to Appendix G of the MS4 Permit.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MH DETAILS** |  |  |  |  |  |  |  |  |  |
| **Location:** |   | **Material:** |   | **MH Cover size:** |  | **MH Diameter:**  |  | **Invert/Flow Channel:** |  |
| Roadway |   | Brick |   | 24" |   | 48" |   | Present Y/N |  |
| Gutter |   | Block |   | 26" |   | 60" |   | Material: |  |
| Grass |   | Concrete |   | 30" |   | Other (describe below) |   | Concrete |  |
| Easement |   | Lined |   | 36" |   |  |   | Brick/mortar |  |
| Other (describe |   | Other (describe |   | Other (describe |   |  |   | Other (describe below) |  |
| below) |   | below) |  | below) |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **CONDITION** |  |  |  |  |  |  |  |  |  |
| **Cover:** |   | **Ring &Frame** |   | **Chimney:** |   | **Wall:** |   | **Rungs:** |  |
| Serviceable |   | Serviceable |   | Serviceable |   | Serviceable |   | Serviceable |   |
| Loose |   | Loose |   | Cracked/Broken |   | Cracked/Broken |   | Unsafe |   |
| Below Grade |   | Displaced |   | Corroded |   | Corroded |   | Missing any |   |
| Damaged |   | Missing Grout |   | Misaligned |   | Misaligned |   | Corroded |   |
| Sealed |   | Raise |   | Infiltration |   | Infiltration |   | N/A - no rungs  |   |
| Holes (# of holes) |   | Lower |   | Roots at Joints |   | Roots at Joints |   |  |  |
| Include any pertinent notes regarding component conditions below: |
|  |
|  |  |  |  |  |  |  |

**MANHOLE DIAGRAM**

**(Outgoing pipe should be at the 6:00 position. Label all pipes with size/type and flow direction)**

**INSERT PHOTO(S) BELOW:**