



City of Lorain
Annual Post-Construction Inspection:
Wet Extended Detention Basin

Address _____
Owner _____
Date _____

Reason for Inspection

Annual _____ Complaint Response _____ Follow-up _____

General Facility Maintenance

- | | | | | | | | |
|---|-------|-----|-------|----|-------|-----|--|
| 1 | _____ | Yes | _____ | No | _____ | n/a | Does facility appear poorly maintained? |
| 2 | _____ | Yes | _____ | No | _____ | n/a | Does the facility appear to have any significant design flaws that lessen effectiveness? |
| 3 | _____ | Yes | _____ | No | _____ | n/a | Does facility appear to have unauthorized modifications? |
| 4 | _____ | Yes | _____ | No | _____ | n/a | Trash and debris has accumulated in/on facility |
| 5 | _____ | Yes | _____ | No | _____ | n/a | Evidence of oil, gasoline, contaminants of other pollutants? |
| 6 | _____ | Yes | _____ | No | _____ | n/a | Does the facility have an unpleasant odor? |

Facility Condition

- | | | | | | | | |
|----|-------|-----|-------|----|-------|-----|---|
| 1 | _____ | Yes | _____ | No | _____ | n/a | Invasive, nuisance vegetation, or weeds are present |
| 2 | _____ | Yes | _____ | No | _____ | n/a | Woody vegetation growth inhibiting maintenance |
| | | | | | | | Sediment in storage areas, rock channels, and basin resulting in reduced storage volume |
| 3 | _____ | Yes | _____ | No | _____ | n/a | Erosion over 2" in depth; potential for continued erosion |
| 4 | _____ | Yes | _____ | No | _____ | n/a | Rodent holes and or evidence of berm impairment |
| 5 | _____ | Yes | _____ | No | _____ | n/a | Wasps, hornets, or bees interfere with maintenance activities |
| 6 | _____ | Yes | _____ | No | _____ | n/a | Unlevel internal berm dividing basin cells |
| 7 | _____ | Yes | _____ | No | _____ | n/a | Prevalent and visible oil sheen |
| 8 | _____ | Yes | _____ | No | _____ | n/a | Overflow or low flow orifice is clogged or obstructed |
| 9 | _____ | Yes | _____ | No | _____ | n/a | Emergency Spillway is obstructed, eroded, or in disrepair |
| 10 | _____ | Yes | _____ | No | _____ | n/a | Riprap is washed out or insufficient to handle discharges |
| 11 | _____ | Yes | _____ | No | _____ | n/a | Sediment forebay is either filled with sediment, being bypassed, or does not allow sufficient time to settle solids |
| 12 | _____ | Yes | _____ | No | _____ | n/a | Debris has accumulated on trash racks |
| 13 | _____ | Yes | _____ | No | _____ | n/a | Pipes and structures show signs of corrosion, spalls, leaks, deformation, crushing or other material failure |
| 14 | _____ | Yes | _____ | No | _____ | n/a | Sediment has accumulated in overflow or the overflow is eroded |
| 15 | _____ | Yes | _____ | No | _____ | n/a | Dam/embankment has visible signs of cracking, sliding, leaking, piping, or bulging |
| 16 | _____ | Yes | _____ | No | _____ | n/a | Slope reinforcement has been damaged and slope is unstable |
| 17 | _____ | Yes | _____ | No | _____ | n/a | Control valve and drain valve are inoperable |
| 18 | _____ | Yes | _____ | No | _____ | n/a | |

Is maintenance needed at this time? _____ Yes _____ No
Are mosquito or mosquito larvae present? _____ Yes _____ No

Comments/notes:

All items marked YES require maintenance.

**** REQUIRED - PLEASE INCLUDE PHOTO LOG AS ATTACHMENT TO THIS FORM ****