

Site Photos • June 4, 2015



Photo 1: Vegetation along basin banks generally provides adequate cover. Photo taken from west side of basin looking east.



Photo 2: Appropriate treatment to help reduce invasive species (*Phragmites australis*, Common reed grass and other species such as *Lythrum salicaria*, Purple loosestrife) is recommended while problem areas remain relatively "small". Photo taken on southwest end of basin looking north toward western curb cut. **\* NOTE: The DNR's BMPs pertaining to NR 40 vegetative control management should be implemented by a licensed, professional landscape contractor as part of the basin's ongoing maintenance plan.**



Photo 3: Photo taken looking northeast at pond basin and structures. Woody vegetation (willows) within basin can be removed.



Photo 4: Flows carried downslope toward basin have led to some scouring particularly on north side of basin. Some additional seeding and restoration may be necessary as well as potentially replacing topsoil.

\*NOTE: In the event that land disturbance will occur as part of pond maintenance, please contact the Village to determine if an erosion control permit or any other permits will be needed.



Photos 5 & 6: Top of west pond inlet pipe requires some restoration (replacement of topsoil, seed and stabilization).



Photo 7: Deposition of sediment within basin. \*NOTE: If removal of sediment within basin is planned, make sure to contact local (Village of Menomonee Falls) and State (Department of Natural Resources) regulators for any prior authorization/permitting which may be necessary. Sediment may need to be tested prior to transport to ensure proper precautions are taken for disposal.



Photos 8 & 9: Flows carried downslope toward basin from curb cuts at Quad Graphics plant has led to some undermining of hard surface pavement.



Photo 10: Rip rap has moved as a result of flows and gravity. Rip rap should be replaced to minimize voids between flow paths and structures. \*NOTE: In the event that land disturbance will occur as part of basin maintenance, please contact the Village to determine if an erosion control permit or any other permits will be needed.