

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.**