

DPU DETWILER PARK RESTORATION SUPPLEMENTAL GRANT

BULLET POINTS

DPU042721DETWILERPARKGRANT Section 319 (h) Nonpoint Source Implementation Grant Acceptance for additional funding for the Detwiler Park Restoration Project Ordinance 589-19.

- Ohio EPA is awarding the City of Toledo a Section 319 (h) Nonpoint Source Implementation Grant Total amount of additional funding is \$183,222.
 - Grant Amount is \$109,933
 - Match Amount is \$73,289
- The expanded project area will include the restoration of an additional 1,200 feet of Mud Creek. This will bring the total length of restoration along Mud Creek to 1,950 feet.
- A component of this restoration will address erosion and entrenchment along Mud Creek by re-grading and stabilizing the banks and increasing the connection to the floodplain (create two-stage channel). The addition of 1,200 feet of bank stabilization to Mud Creek will reduce sediment loading into Detwiler Creek and Lake Erie by an additional 45.6 tons/year, P loading by an additional 45.6 pounds/year and N loading by an additional 91.2 pounds/year, as estimated using USEPA Region 5's Load Reduction Calculator.
- This funding will address a failing outfall and headwall on the north side of Mud Creek, which is currently causing a slope failure and significant erosion into the stream.
- Increase stream habitat by improving stream morphology and introducing woody substrate to the channel. These features will provide high quality substrate and cover for macroinvertebrates, amphibians and reptiles and provide nesting habitat for neotropical migrants.
- Plant additional native plantings along Mud Creek that, once established, will enhance wildlife habitat and crowd out non-native, invasive species.
- Add wood duck nesting boxes along the creek.
- Grant period will remain October 1, 2019 to September 30, 2022.