

# Ruddiman Creek – Muskegon, Michigan



Several feet of sand are used to cover the exposed sediments after dredging in Ruddiman Creek. The sand provides the first of several barriers from any remaining contamination and helps to return the creek to its natural depth.



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Placing sand after dredging in Ruddiman Creek. Note pipeline next to creek is diverting the creek flow during remediation.



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Placing geotextile over sand layer in Ruddiman Creek

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The final layer over the sand and geotextile is gravel. A wing dam is built with boulders to slow down flow during storm events and provide fish habitat.



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Water from the excavation areas is being treated onsite, then pumped to the local wastewater treatment plant for further treatment

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- **Sediments in the pond are being dredged with an environmental dredging bucket**
- **Silt curtains are used to keep resuspended material contained**
- **All dredging is followed by confirmatory sampling**



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Dredging in Ruddiman Pond