



# WAYNE ROAD DAM REMOVAL AND RIVER RESTORATION November 2010 - July 2013



<b>Rouge Program Office (RPO)</b>	<b>\$ 57,500</b>
<b>Round X Grant:</b>	
<i>RPO Round X Required Match:</i>	<b>\$ 57,500</b>
<b>National Oceanic and Atmospheric Administration (NOAA) Grant:</b>	<b>\$1,033,536</b>
<b>Total Project Cost:</b>	<b>\$1,148,536</b>

Removing the Wayne Road Dam is one of the most important dam removal projects in the Rouge River Watershed.

- The MDNR 1998 Fisheries Assessment identified the Wayne Road Dam as a major impediment to restoring fish and wildlife habitat in the Rouge River. Removing the dam would reconnect the Rouge River to the Detroit River and the Lake Erie ecosystem.
- Removal of the Wayne Road Dam was also a priority project for the Rouge RAP Advisory Council in order to implement the 2008 Delisting Targets for Fish and Wildlife Habitat and Population Beneficial Use Impairments for the Rouge River Area of Concern.

## Wayne Road Dam (City of Wayne, Wayne County)

The Wayne Road Dam is located in the City of Wayne and on the Lower Branch of the Rouge River which flows through Superior, Salem, Canton, Van Buren and Plymouth townships and the cities of Wayne, Westland, Romulus, Garden City, Inkster, Dearborn Heights and Dearborn before joining the Main Branch of the Rouge River. The river hosts a variety of fish in the vicinity of the dam, including trout in upstream areas and a variety of warm water species. (e.g., smallmouth bass, northern pike, walleye, sunfish) downstream of the dam.

The MDNR 1998 Fisheries Assessment suggested that removing or providing fish passage at this site would be extremely helpful in enhancing fish communities in the Lower Rouge River by reconnecting the Rouge to the Detroit River and Lake Erie ecosystem. Removal of the Wayne Road Dam would reconnect approximately 17 miles of river to the Great Lakes system for the first time in over a century.

The draft Rouge River Watershed Management Plan (2008) was more direct. A discussion of impairments in the Lower 2 Subwatershed section stated that the size and diversity of the fish community in the Lower 2 Subwatershed is constrained by the dam at Wayne Road which prevents fish passage within the subwatershed and from Lake Erie.

Under the RPO Round X Grant an Engineering Design and State MDEQ Permit was completed. Construction and monitoring of the project will be completed under the NOAA Grant. The project will remove the dam and restore fish passage. In addition to the removal of the dam the project removes an instream island downstream of the dam and reconstructs a more stable single flow channel with bankfull benches, installs an engineered riffle/boulder cascade to protect existing infrastructure and facilitate fish passage, and provides for bank stabilization.



## For More Information Contact:

**Alliance of Rouge Communities**  
James Ridgway, P.E., Executive Director  
719 Griswold St., Suite 820, Detroit, Michigan 48226

**Phone: 313-963-6600**  
**Email: [info@allianceofrougecommunities.com](mailto:info@allianceofrougecommunities.com)**  
**Website: [www.allianceofrougecommunities.com](http://www.allianceofrougecommunities.com)**

# Construction Plan for Wayne Road Dam Removal

