



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
OFFICE OF THE GREAT LAKES
LANSING



JON W. ALLAN
DIRECTOR

March 2, 2018

Mr. Daniel Ballnik, Chair
Rouge River Advisory Council
c/o Alliance of Rouge Communities
46036 Michigan Avenue, Suite 126
Canton, Michigan 48188

Dear Mr. Ballnik:

The Michigan Office of the Great Lakes (OGL) approve the attached Habitat Restoration Project List titled, *Rouge River Area of Concern Projects Needed to Remove the Habitat BUIs*, dated February 25, 2016. It was compiled by the Rouge River Advisory Council (RRAC) Habitat Committee with the assistance of our Rouge River Area of Concern (AOC) Coordinator, Ms. Jennifer Tewkesbury.

The Habitat Restoration Project List includes detailed individual habitat restoration projects that must be completed to demonstrate restoration success as required by the *Guidance for Delisting Michigan's Great Lakes Areas of Concern* for the Loss of Fish and Wildlife Habitat and Degradation of Fish and Wildlife Populations Beneficial Use Impairments (BUIs). The Habitat Restoration Project List also includes the Concrete Channel Modification/Enhancement Project which is currently being overseen by the Army Corps of Engineers, Detroit District for project feasibility, design, and implementation. Therefore, the OGL expects that the successful implementation of these habitat projects, in conjunction with the remediation of contaminated sediments within the Lower Rouge River Main Stem and Old Channel, will lead to the removal of the Loss of Fish and Wildlife Habitat and the Degradation of Fish and Wildlife Populations BUIs.

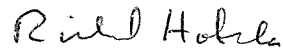
The OGL's approval is based on ensuring inclusion of all components and does not bind the state or federal programs to any new monitoring activities. Additionally, since the AOC program is non-regulatory and has no independent authority to require actions, local developed criteria do not bind any local, state, or federal program to specific remedial actions or protection actions.

We appreciate the time and effort on the part of the Rouge River Advisory Council to develop the Habitat Restoration Project List, and we look forward to working with you to support remedial actions and removal of BUIs in the Rouge River AOC.

Mr. Dan Ballnik
March 2, 2018
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If you need further information or assistance, please contact Ms. Jennifer Tewkesbury, Great Lakes Management Unit, Office of the Great Lakes, at 517-897-3257, or you may contact me.

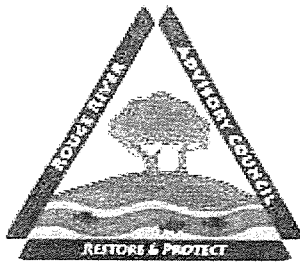
Sincerely,



Richard Hobria, Chief
Great Lakes Management Unit
Office of the Great Lakes
517-284-5043

Attachment

cc: Mr. Marc Tuchman, United States Environmental Protection Agency (U.S. EPA)
Ms. Amy Pelka, U.S. EPA
Mr. John Perrecone, U.S. EPA
Ms. Rose Ellison, U.S. EPA
Ms. Jennifer Tewkesbury, OGL



ROUGE RIVER AREA OF CONCERN (AOC) PROJECTS NEEDED TO REMOVE THE HABITAT BUIS

Prepared by the Rouge River Advisory Council (RRAC)

February 25, 2016

Contact: rrac@allianceofrougecommunities.com

Website: <http://www.allianceofrougecommunities.com/rrac.html>

BRANCH	MAP ID	PROJECT NAME	COST ESTIMATE
MAIN	A	Geary Woods Wetland Restoration	PROJECTS COMPLETED
	H	Eliza Howell & River Rouge Parks Habitat Improvements	
	B	Dankers Pond Dam Removal and Stream Restoration	
	C	Rouge Oxbow Restoration	
	D	Carpenter Lake Restoration	
	E	Kingfisher Bluff Restoration	
	F	Fordson Island Marine Debris Removal	
	1	Fordson Island and Upland Habitat Restoration (Phase 1 & 2)	\$2,732,000
	2	Patton Park Wetland Restoration	\$900,000
	3	Rouge Oxbow Restoration Phase 3	\$1,600,000
	4	Henry Ford Estate Dam Fish Passageway	\$1,950,000
	5	Tamarack Creek Stream and Wetland Restoration	\$2,700,000
	6	LTU Wetland Restoration	\$519,000
	7	Fire Fighters Park Sorague Stream Improvements	\$850,000
	TOTAL FOR MAIN BRANCH		
UPPER	1	Lola Valley Park Habitat Improvements	PROJECT COMPLETED
	8	Lola Valley Park Wetlands	\$404,200
	9	Bell Creek Park Wetlands	\$469,200
	10	Seeley Creek Restoration	\$815,000
	TOTAL FOR UPPER BRANCH		
MIDDLE	1	Newburgh Lake Restoration	PROJECTS COMPLETED
	8	Wayne County Parks Property Habitat Improvements	
	11	Merriman Hollow Wetland & Grow Zone	\$196,500
	12	Perrin Park Wetlands & Reforestation	\$884,000
	13	Wallaceville West Wetland	\$208,600
	14	Nankus Lake Restoration	\$2,935,800
	15	Riverview Park Wetlands	\$2,186,500
	16	Wilcox Lake Habitat Improvements	2,052,750
	17	Phoenix Lake Habitat Improvements	\$182,000
	18	Johnson Creek Fish Hatchery Park Habitat	\$612,780
	19	Shenwood Park Wetland	\$295,500
	20	Johnson Intercounty Drain Restoration	\$2,995,000
TOTAL FOR MIDDLE BRANCH			\$12,549,530
LOWER	L	Inkster CSD Basin Habitat Improvements	PROJECTS COMPLETED
	M	Vendy Park Habitat Improvements	
	G	Wayne Road Dam Removal and Stream Restoration	
	21	Inkster Park Wetlands & Fish Habitat Structures	\$549,000
	22	Vendy Wetlands & Fish Habitat Structures	\$1,286,200
	23	Colonial Park Wetland & Reforestation	\$558,000
	24	Lower Rouge River Habitat Restoration	\$1,000,000
	TOTAL FOR LOWER BRANCH		
VARIOUS BRANCHES	25	Grow Zone Retrofits	\$850,000
ARMY CORPS	26	Concrete Channel Modifications/Enhancements with Oakwood Commons Oxbow and Michigan Ave./Evergreen Rd. Stormwater Treatment and Habitat Restoration	TBD
GRAND TOTAL FOR ALL BRANCHES			\$29,932,130



CHAIR: DAN BALLNIK
VICE-CHAIR & STATEWIDE PUBLIC ADVISORY COUNCIL (SPAC) REPRESENTATIVE: BILL CRAIG
AREA OF CONCERN COORDINATOR: JENNIFER TEWKESBURY

February 26, 2016

Ms. Jen Tewkesbury
Area of Concern Coordinator -Rouge River
Office of the Great Lakes
MDEQ SE Michigan District Office

RE: Rouge River AOC Habitat List

Dear Ms. Tewkesbury:

The Rouge River Advisory Council (RRAC) is hereby formally submitting the Rouge River AOC Habitat Restoration Projects List. This list includes projects that have been completed and ones that will need to be completed in order to achieve the associated goal of fish and wildlife habitat and fish and wildlife populations beneficial use impairments (BUI) removal.

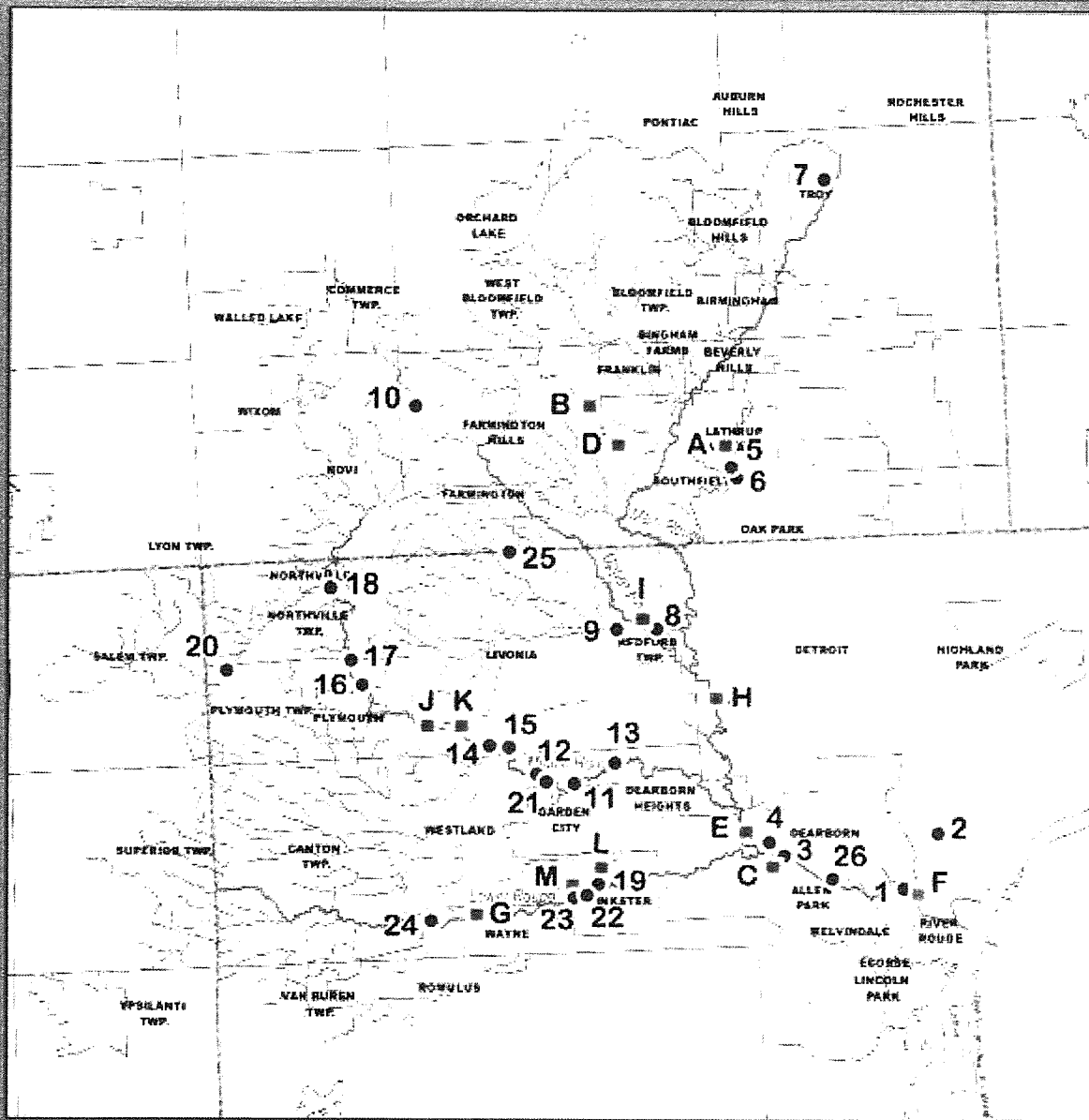
Over the past eighteen months the RRAC Habitat Committee has reviewed and made recommendations on projects that will address the habitat associated BUIs within the AOC. Based on this effort the Habitat Committee presented its final list to RRAC membership on February 22, 2016. The membership voted at that meeting to accept the attached habitat list as the Rouge River AOC Habitat List.

The RRAC membership appreciates the time, assistance and effort you have provided in preparing this submission. Should you have any questions please do not hesitate to contact us.

Sincerely,

Dan Ballnik, Chair
Rouge River Advisory Council

ROUGE RIVER AOC PROJECT LOCATION MAP



KEY



PROJECT REQUIRING FUNDING FOR DESIGN, CONSTRUCTION OR BOTH:

1. Fordson Island and Upland Habitat Restoration (1 & 2)
7. Patton Park Wetland Restoration
3. Rouge Oxbow Phase 3
4. Henry Ford Estate Dam Fish Passageway
5. Tamarack Creek Stream and Wetland Restoration
6. LLI Wetland Restoration
7. Fire Fighters Park Sprague Stream Improvements
8. Coal Valley Park Wetlands
9. Bear Creek Park Wetlands
10. Seeley Creek Restoration
11. Merriam Hollow Wetland & Grow Zone
12. Berlin Park Wetlands & Reforestation
13. Wallaceville West Wetland
14. Franklin Lake Restoration
15. Riverview Park Wetlands
16. Wilcox Lake Habitat Improvements
17. Phoenix Lake Habitat Improvements
18. Johnson Creek Fish Hatchery Park Habitat
19. Sherwood Park Wetland
20. Johnson Intermunicipal Drain Restoration
21. Inover Park Wetlands & Fish Habitat Structures
22. Venoy Wetlands & Fish Habitat Structures
23. Colonial Park Wetland & Reforestation
24. Lower Rouge River Habitat Restoration
25. various Grow Zones Restorations
26. Army Corps Project - Concrete Channel Modifications/Enhancements with Oakwood Commons Oxbow & Michigan Ave./Livingston Rd Stormwater Treatment & Habitat Restoration



COMPLETED PROJECT OR PROJECT THAT REQUIRES NO ADDITIONAL FUNDING:

- A. Valley Woods Wetland Restoration
- B. Daniels Pond Dam Removal and Stream Restoration
- C. Rouge Oxbow Restoration
- D. Carpenter Lake Restoration
- E. Kingfisher Bluff Restoration
- F. Fordson Island Oxbow Debris removal and Habitat Restoration Project
- G. Wayne Road Dam Removal and Stream Restoration
- H. Eliza Howell & River Rouge Parks Habitat Improvements
- I. Coal Valley Park Habitat Improvements
- J. Newburgh Lake Restoration
- K. Wayne County Parks Property Habitat Improvement
- L. Inkster CSD Basin Habitat Improvements
- M. Venoy Park Habitat Improvements