



Working together, restoring the river

Annette DeMaria, P.E., PMP
Executive Director

- Auburn Hills
- Beverly Hills
- Bingham Farms
- Birmingham
- Bloomfield Hills
- Bloomfield Twp.
- Canton Twp.
- Commerce Twp.
- Dearborn Heights
- Farmington
- Farmington Hills
- Franklin
- Garden City
- Henry Ford College
- Inkster
- Lathrup Village
- Livonia
- Melvindale
- Northville
- Northville Twp.
- Novi
- Oak Park
- Oakland County
- Orchard Lake
- Plymouth
- Plymouth Twp.
- Redford Twp.
- Rochester Hills
- Romulus
- Schoolcraft College
- Southfield
- Troy
- University of Michigan-Dearborn
- Van Buren Twp.
- Walled Lake
- Washtenaw County
- Wayne
- Wayne County
- Wayne County Airport Authority
- West Bloomfield Twp.
- Westland
- Wixom

DRAFT AGENDA EXECUTIVE COMMITTEE MEETING

April 19, 2021, 9:00 a.m.

Join on your computer [Click here to join the meeting](#)

Or call in +1 352-374-3246 ID: 675 579 388#

1. **Welcome** – Doug Moore, Chair
2. **Roll Call of Members** (Newsome) and record of others present

<i>Alliance of Rouge Communities Executive Committee</i>		
Officers		
Chair	Doug Moore	Livonia
Vice-Chair	Charles Markus	Bloomfield Twp.
Treasurer	Kate Richardson	Novi
Past Chair	Brandy Siedlaczek	Southfield
Counties		
Oakland Co. – Rep.	Jim Nash	OCWRC
Oakland Co. – Alt.	Jacy Garrison, Jim Wineka	OCWRC
Washtenaw Co.- Rep.	Evan Pratt	WCWRC
Washtenaw Co.- Alt.	Heather Rice	WCWRC
Wayne Co. - Rep.	Noel Mullett	WCDPS
Wayne Co. - Alt.	Vacant	WCDPS
SWAGs		
Main 1 & 2 - Rep.	Brandy Siedlaczek	Southfield
Main 1 & 2 - Alt.	Olivia Olsztyn-Budry	Bloomfield Twp.
Main 3 & 4 - Rep.	Paul Horen	Redford Twp.
Main 3 & 4 - Alt.	Vacant	
Upper - Rep.	Karen Mondora	Farmington Hills
Upper - Alt.	Trisha Gabriel	Livonia
Middle 1 - Rep.	Bob Belair	Northville Twp.
Middle 1 - Alt.	Kate Richardson	Novi
Middle 3 - Rep.	Ramzi El-Gharib	Westland
Middle 3 - Alt.	<i>Invitation sent</i>	<i>Kristina Kramarz, Dearborn Heights</i>
Lower 1 - Rep.	Brad Lear	Canton Twp.
Lower 1 – Alt.	Vacant	
Lower 2 - Rep.	Mike Buiten	Wayne
Lower 2 - Alt.	Jerome Bivins	Inkster
Lower 2 – Alt.	Kathy Hood	Romulus

Cooperating Partners:

- Cranbrook Institute of Science*
- Friends of the Rouge*
- Great Lakes Water Authority*
- Rouge River Advisory Council*
- SEMCOG*
- Southeastern Oakland County Water Authority*
- The Henry Ford*

3. Additions or Changes to Draft Agenda

4. [Summary of September 15, 2020 Executive Committee Meeting](#)

Action

[click link](#)

5. Executive Director Report (ARC Staff)

A. [2020 Executive Director's Annual Report](#)

Information

[click link](#)

B. MS4 Permit Update

Information

C. Grant Report

Information

[page 3](#)

6. Standing Committee Reports

A. [Finance Committee \(Richardson, Treasurer/C. O'Meara\)](#)

1. A/P, A/R & Profit/Loss Report

Information

[page 5](#)

2. 2021 Membership dues

Information

3. Ratify E-mail Votes

Action

[page 9](#)

a. 1/18/21: 2019 ARC Single Audit.

b. 1/18/21: 2021 Budget Amendment FC1 2021 Budget Amendment adding FS4 2020-2022 US Forest Service Reducing Runoff in the Rouge River AOC.

c. 1/18/21: 2021 ECT Contract Work Order 2021-2 FS Reduce Runoff.

d. 2/26/21: Award the Tamarack Creek Stream and Wetland Restoration Project contract in the amount of \$1,867,200.67 to Anglin Civil, LLC.

e. 3/26/21: EPA3-Tamarack/Johnson Creek Design Project budget adjustment adding \$7,200 to ECT's contract.

4. 2021 Budget Amendments & Adjustments

a. Amendment FC1-SPAC11 adding \$20,000

Action

[page 10](#)

5. ECT Contract Amendment

a. SPAC11-amendment adding \$15,000 to Work Order 2020-2

Action

[page 14](#)

b. EPA4-Tamarack/Johnson Creek Implementation Project: ECT work order budget adjustment adding \$38,790

Action

[page 16](#)

6. 2022 2% dues increase

Action

[page 22](#)

7. ARC Treasurer position

Action

B. [Organization Committee \(Mullett/C. O'Meara\)](#)

1. Procedure for providing access to services for persons with limited English proficiency

Action

[page 23](#)

2. [Conflict of Interest Policy Renewal for Executive Committee](#)

Action

[click link](#)

C. [PIE \(Public Involvement and Education\) Committee \(Garrison, Chair\)](#)

1. Status Report

Information

D. [Technical Committee \(Mondora, Chair\)](#)

1. Status Report

Information

7. Report from Counties

8. Other Business

A. Post construction stormwater management requirements

Discussion

9. Summary of Executive Committee Actions (Newsome)

10. Upcoming Meetings

A. Full ARC Meeting 4/27/21 at 1:00 p.m. (virtual)

11. Adjourn

ONGOING ARC GRANT PROJECTS STATUS – 4/14/2021

EPA Wayne County Rouge AOC Habitat Projects

- **Henry Ford Estate Dam Fish Passage**
 - Contractor is conducting vegetation maintenance. Lowering of the water control will not take place for up to another year depending on vegetation establishment.
 - Working on social media to get message out about public assistance in helping the site get established by not entering the project area. To facilitate the successful completion of this natural area restoration, the footpaths within the adjacent woods will be closed during this establishment phase.
- **Oxbow Phase III Implementation**
 - Work completed.

EPA Rouge River AOC Habitat Restoration Design- Tamarack/Fish Hatchery (\$583,220)

- Johnson Creek Fish Hatchery Restoration project was bid April 2020 & Tamarack was bid February 2021
- Final report for grant completed and submitted to EPA for grant closure

EPA Rouge River AOC Habitat Restoration Implementation - Tamarack/Fish Hatchery (\$3,367,559)

- **Johnson Creek Fish Hatchery Restoration**
 - Construction started in August 2020 & substantial completion in December 2021
 - Contractor working on punch list items and vegetation maintenance for 2021
- **Tamarack Creek Restoration**
 - Pre-construction meeting April 2021
 - Construction to begin May 2021 & substantial completion anticipated November 2021
 - Nolan property access agreement finalized

EPA Rouge River AOC Seeley Creek Habitat Restoration (\$815,000)

- Coordination with property owners throughout January, February, and March 2021
- Geotechnical Investigation in January 2021
- Plan Development throughout January, February, and March 2021: wetland restoration, invasive species management, in-stream design, erosion repair design and revegetation
- EGLE Permit Application Developed, submitted and responded to comments in February/March 2021
- Contract Document Development in March 2021

EGLE Rouge River AOC PAC Support (\$95,000)

- Grant amendment increased budget by \$20k to include FOTR support on Concrete Channel discussions and ARC support to develop an electronic project mapping
- FOTR prepared 2020 Fall Bug Hunt and Fish Survey reports & started preparing for 2021 fish survey
- Updated AOC habitat project funding listing & prepared LTU wetland project description and Fire Fighter's Park-Sprague Drain restoration project description
- RRAC meetings held September 29, 2020 and January 12, 2021

Wayne County EPA Rouge River AOC Wayne County Parks (5) Habitat Restoration Design (\$731,000)

- Lower Rouge Restoration design & initial log jam investigation completed
- Sherwood Park habitat restoration design completed & EGLE permit application submitted March 2021
- Bell Creek Park habitat restoration design 75% completed
- Lola Valley Park habitat restoration design 50% completed
- Riverview (Levan Knoll) habitat restoration design 75% completed

EPA Rouge River AOC Habitat - Colonial & Venoy Restoration (\$1,834,000)

- Geotechnical Investigation at both sites
- Wetland Assessment completed at both sites & Streambank Assessment Completed at Venoy
- Hydrological Analysis in January 2021- both sites

- Plan Development
- EGLE Permit Application developed and submitted
- Contract Document Development
- Anticipated construction Fall 2021

EPA Rouge River AOC Habitat Restoration Implementation- Wayne County Parkland (\$4,222,090)

Restoration at the 5 Wayne County parkland sites (Lower Rouge River, Riverview, Bell Creek, Lola, and Sherwood)

- QAPP was submitted to EPA in November 2020
- Lower Rouge Reforestation to be solicited in May 2021 and run Fall 2021 -Spring 2023
- Lower Rouge Log Jams to be solicited in July 2021
- Sherwood construction to be bid in May 2021 and anticipated start in August 2021
- Bell and Lola construction anticipated 2022 & Riverview construction anticipated 2023

GLRI USDA Forest Service – Reducing Runoff in the Rouge River AOC (\$261,780)

Project will intercept a total of 1.3 million gallons annual runoff by planting of 895 trees and installation of 2.9 acres of green infrastructure, in 17 ARC communities and 3 counties.

- Award notice in October 2020
- IAAs being developed March/April 2021
- Communities beginning to acquire trees for planting

GRANTS AWARDED

Rouge River AOC Habitat Restoration – LTU Wetland Habitat Design (\$125,000)

EPA has notified the ARC that they will receive (anticipated May 2021) a GLRI grant to design a wetland system on Lawrence Technological University's campus. The design will be developed in collaboration with LTU.

SUBMITTED GRANTS

EGLE NPS Middle Rouge River Daylighting Design (\$40,000)

The project will design daylighting approximately 1,100 feet of river that is currently enclosed under the Northville Downs Racetrack property. Objectives are to develop a conceptual design for public review, feasibility study and renderings for the daylighting that has the buy-in of the City, public and developer. These items will be used to secure grant funding for future daylighting of the river.

EGLE NPS Johnson Creek Subwatershed Action Plan (\$60,000 - \$54,000 Grant/\$6,000 match)

Development of a Johnson Creek Subwatershed Action Plan will address the issue of increased impervious surfaces and altered hydrology and provide a subwatershed level assessment of current conditions and restoration opportunities by assessing wetlands, AOP barriers, vegetative practices, stormwater retrofits and stream restoration needs.

National Fish & Wildlife Foundation SOGL- Invasive Species Treatment at Newburgh Lake Grow Zones (\$200,000 - \$100,000 grant/\$100,000 match) – NOT AWARDED

The ARC applied for grant funding to combat invasive species in, and adjacent to, the "Grow Zone" sites at Newburgh Lake in Livonia.

EGLE NPS Collaborative Development of an Investigational Water Quality Sampling Work Plan for SE Michigan

The ARC is a partner in GLWA's grant application for EGLE funding to develop a regional water quality monitoring plan to conducted investigational sampling to identify illicit connections in GLWA's wastewater service area which includes most of the Rouge watershed.

9:08 AM

04/09/21

Alliance of Rouge Communities
A/P Aging Summary
 As of April 9, 2021

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Environmental Consulting & Technolo...	58,140.24	0.00	0.00	0.00	0.00	58,140.24
Friends of the Rouge	0.00	10,000.00	0.00	0.00	0.00	10,000.00
Next Day Flyers	0.00	0.00	0.00	0.00	-0.53	-0.53
Tina L. Cusac, CPA	0.00	2,675.00	0.00	0.00	0.00	2,675.00
TOTAL	<u>58,140.24</u>	<u>12,675.00</u>	<u>0.00</u>	<u>0.00</u>	<u>-0.53</u>	<u>70,814.71</u>

9:07 AM

04/09/21

Alliance of Rouge Communities
A/R Aging Summary
As of April 9, 2021

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Bloomfield Township	20,156.00	0.00	0.00	0.00	0.00	20,156.00
EGLE - PAC grant	4,875.00	0.00	0.00	0.00	0.00	4,875.00
Livonia	36,296.00	0.00	0.00	0.00	0.00	36,296.00
MDEQ SAW Grant	0.00	0.00	0.00	0.00	0.00	0.00
Melvindale	3,347.00	0.00	0.00	0.00	0.00	3,347.00
USDA Forest Service	2,710.00	0.00	0.00	0.00	0.00	2,710.00
Wayne County Airport Auth...	2,885.00	0.00	0.00	0.00	0.00	2,885.00
Wayne County DOE	126,498.78	0.00	0.00	0.00	0.00	126,498.78
TOTAL	<u>196,767.78</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>196,767.78</u>

8:56 AM

04/09/21

Accrual Basis

Alliance of Rouge Communities
Profit & Loss Budget vs. Actual
 January through December 2021

	Jan - Dec 21	Budget
Ordinary Income/Expense		
Income		
47200 · Program Income		
4791 · 2021 ARC Membership Dues	173,556.00	336,803.00
Total 47200 · Program Income	173,556.00	336,803.00
47500 · Contributions		
47500.1 · Contributions-Donated Service	0.00	82,583.00
Total 47500 · Contributions	0.00	82,583.00
48000 · Grants		
48913 · EGLE PAC Supt 11 RRAC Fac 20...	873.75	35,000.00
60665 · WC EPA1 HFE Fishway	0.00	500.00
60666.1 · WC EPA3 AOC Parks Habitat R...	40,720.00	200,000.00
60667 · EPA3 Tamarack/Johnson Creek	8,900.00	
60667.1 · EPA4-Implement Tam/Johnson...	13,906.49	2,200,000.00
60667.2 · EPA5-Seeley Creek Hab Res	0.00	704,500.00
60667.3 · EPA6A-RR AOC Venoy	47,524.70	790,000.00
60667.4 · EPA6B-RR AOC Colonial	40,811.50	790,000.00
60667.5 · EPA7-WC 5 Parks Implementati...	0.00	1,241,500.00
60670 · FS4 20-22 Reduce Runoff	2,710.00	249,083.00
Total 48000 · Grants	155,446.44	6,210,583.00
Total Income	329,002.44	6,629,969.00
Expense		
60400 · ARC Awards and Grants		
60410 · Executive Director Services		
60410.2 · 101 Program Support	13,412.50	62,100.00
60410.3 · 102 MGT Admin & Financial	7,572.50	53,800.00
60410.4 · 103 Funding - grants	12,238.50	11,840.00
Total 60410 · Executive Director Services	33,223.50	127,740.00
60420 · Public Involv. & Education Com.		
60420.1 · PIE1-Col PEP/PPP Annual act.	14,621.62	53,780.00
60420.2 · PIE2-Col PEP/PPP 5yr activit...	114.79	14,700.25
Total 60420 · Public Involv. & Education ...	14,736.41	68,480.25
60430 · Technical Committee		
60430.5 · IDEP Investigations	5,727.50	30,000.00
60432.1 · TC1-Col IDEP/TMDL annual	6,772.50	50,520.00
60432.2 · TC2-Col IDEP/TMDL 5yr	0.00	8,200.00
Total 60430 · Technical Committee	12,500.00	88,720.00
Total 60400 · ARC Awards and Grants	60,459.91	284,940.25
604608 · SPAC11 RRAC Facilitation 2020	873.75	35,000.00
606651 · WC EPA1 HFE Fishway	0.00	500.00
606653 · EPA3 Tamarack/Johnson Creek	8,900.00	200,000.00
606655 · EPA5-Seeley Creek Hab Restor.	0.00	704,500.00
606656 · EPA4-Implement Tam/Johnson Crk	13,906.49	2,200,000.00
606657 · WC EPA3 AOC Parks Habitat Rest.	40,720.00	
606658 · EPA6A-RR AOC Venoy	47,524.70	790,000.00
606659 · EPA6B-RR AOC Colonial	40,811.50	790,000.00
606660 · EPA7 WC 5 Park Implementation	0.00	1,241,500.00
606661 · FS4 20-22 Reduce Runoff	2,710.00	249,083.00
60900 · Business Expenses	317.99	

8:56 AM

04/09/21

Accrual Basis

Alliance of Rouge Communities
Profit & Loss Budget vs. Actual
 January through December 2021

	Jan - Dec 21	Budget
62100 · Contract Services		
62110 · FC1-Accounting Fees	2,675.00	20,500.00
62140 · FC1-Legal Fees	0.00	1,000.00
62150 · Outside Contract Services	0.00	1,500.00
65120 · FC2-Insurance - D&O	1,012.00	1,500.00
Total 62100 · Contract Services	3,687.00	24,500.00
Total Expense	219,911.34	6,520,023.25
Net Ordinary Income	109,091.10	109,945.75
Net Income	109,091.10	109,945.75

EMAIL VOTE 1/18/21 PASSED with 8 yay and 0 nay

2019 ARC Single Audit – The Single Audit was prepared and received as attached with no issues of non-compliance.

2021 Budget Amendment FC1 2021 Budget Amendment adding FS4 2020-2022 US Forest Service Reducing Runoff in the Rouge River AOC - This line item adds the recently awarded Forest Service grant (21-DG-11094200-007) in the amount of \$261,780 which will intercept 1.3 million gallons of annual runoff by planting 895 trees and installing 2.9 acres of green infrastructure throughout the Rouge River Watershed in 17 communities and across 3 counties. The grant requires matching funds in the amount of \$65,445. The ARC anticipates that member community activities associated with the grant and tree costs in excess of the \$150 per tree will be used as match effort in the form of cash or in-kind services in the amount of \$61,445. In addition, it is anticipated that FOTR volunteer hours to assist in the installation of the green infrastructure will also be used as match with an estimate of \$4,000

2021 ECT Contract Work Order 2021-2 FS Reduce Runoff – This Work Order will add \$36,130 to ECT's contract to provide grant administration and engineering services for the Forest Service grant 21-DG-11094200-007. In addition to coordinating the tree installation, ECT will provide design/engineering services for the green infrastructure sites including rain gardens, bio retention installation and expansion, and native plant grow zone areas.

EMAIL VOTE 2/26/21 PASSED with 11 yay and 0 nay

This vote awarded the Tamarack Creek Stream and Wetland Restoration Project contract in the amount of \$1,867,200.67 to Anglin Civil, LLC.

EMAIL VOTE 3/26/21 PASSED with 10 yay and 0 nay

This vote approved the budget adjustment adding \$7,200 to ECT's contract for the EPA3 – Tamarack/Johnson Creek Design Project.

**Alliance of Rouge Communities
DRAFT 2021 Budget**

ORIGINALLY APPROVED: 9/24/2020
AMENDMENTS: FC1 - 1/25/2021

2021 Anticipated Dues from Communities	\$336,803	TOTAL 2021 ARC FUNDING	\$480,829
Rollover funds from 2020 (estimate) ⁽³⁾	\$144,026	TOTAL 2021 OUTSIDE FUNDING	\$6,261,083
Total ARC Dues Available	\$480,829	TOTAL 2021 FUNDING	\$6,741,912
2021 ARC Activities Budgeted	\$275,940	TOTAL 2021 ACTIVITY COST (Committee & Grants)	\$6,537,023
2021 estimated balance (estimated 2022 rollover)	\$204,889	TOTAL 2021 ESTIMATED BALANCE (ALL SOURCES)	\$204,889

Note ⁽³⁾: in 2019 \$50,000 was put aside for future use to meet sampling requirements and is not included on this budget.

Proposed ARC Budget Items	Activity Cost	ARC Dues	Funding Source					Other Source/Match	"Provider" Using Budget (1)
			ARC Dues	SPAC Grant	USFS	EPA	Wayne County		
Organization Committee									
OC1 Executive Director Operational Services									
101-Program	\$ 62,100	\$ 62,100						ED	
102-Management	\$ 53,800	\$ 53,800						ED	
103-Fundraising	\$ 11,840	\$ 11,840						ED	
ARC Operations - Direct Expenses	\$ 1,500	\$ 1,500						ARC	
Organization Committee Total	\$ 129,240	\$ 129,240							
Finance Committee									
FC1 Accounting/Legal Services	\$ 21,500	\$ 21,500						ARC	
FC2 ARC Insurance	\$ 1,500	\$ 1,500						ARC	
Finance Committee Total	\$ 23,000	\$ 23,000							
ARC Operational Services Total	\$ 152,240	\$ 152,240							
Public Education and Involvement Committee									
PIE1 Collaborative PEP/PPP Annual permit activities	\$ 29,780	\$ 29,780						ED	
Watershed Monitoring	\$ 10,000	\$ 10,000						FOTR	
Printing and Reporting	\$ 14,000	\$ 14,000						ARC/FOTR/SEMCOG	
PIE2 Collaborative PEP/PPP -5yr Permit Cycle activities	\$ 9,050	\$ 9,050						ED	
Permit Cycle Support	\$ 5,650	\$ 5,650						ED/ARC/FOTR	
PIE Committee Total	\$ 68,480	\$ 68,480					\$ -		
Technical Committee									
TC1 Collaborative IDEP/TMDL annual permit activities	\$ 50,520	\$ 50,520						ED	
IDEP Investigation	\$ 30,000	\$ -					\$30,000	WC	
TC2 Storm Sewer GIS/Facility Dye Testing/Reporting	\$ 4,700	\$ 4,700						ED	
IDEP Training	\$ 3,500	\$ -					\$3,500	WC	
Technical Committee Total	\$ 88,720	\$ 55,220	\$ -	\$ -	\$ -	\$ -	\$ 33,500		
Total Amount Requested by All Committees	\$ 309,440	\$ 275,940	\$ -	\$ -	\$ -	\$ -	\$ 33,500		
Grants (2)									
	Activity Cost	ARC Match Dues	SPAC Grant	USFS	EPA	Wayne County	Other Source/Match	Outside Funding	
SPAC11 RRAC – Facilitation, habitat & fish thru 2/28/22 (total award \$95,000)	\$52,000	\$0	\$52,000						
WCEPA1 HFE Dam Fishway Implementation thru 8/1/21 (total authorized \$663,000)	\$500	\$0				\$500			
WCEPA3 AOC WC Parks Habitat Restoration thru 10/31/21 (total authorized \$731,000)	\$200,000	\$0				\$200,000			
EPA4 Rouge AOC Habitat Restoration Implementaion - Tamarack/Johnson thru 4/01/23 (total award \$3,367,559)	\$2,200,000	\$0			\$2,200,000				
EPA5 Rouge AOC Seeley Creek Habitat Restoration thru 10/29/21 (total award \$815,000)	\$704,500	\$0			\$704,500				
EPA6 (A&B) Rouge River AOC Colonial & Venoy Habitat Restoration thru 5/14/22 (total award \$1,834,000)	\$1,580,000	\$0			\$1,580,000				
EPA7 Rouge River AOC Habitat Restoration Implementation - Wayne Co. Parkland thru 12/31/23 (total award \$4,222,090)	\$1,241,500	\$0			\$1,241,500				
FS4 USDA FS Reducing Runoff in the Rouge River AOC thru 9/30/22 (total award \$261,780 & inkind match \$65,445)	\$249,083	\$0		\$200,000			\$49,083	FOTR, ARC community provided match	
Total Other Grants:	\$6,227,583	\$0	\$52,000	\$200,000	\$5,726,000	\$200,500	\$82,583		
TOTAL OUTSIDE FUNDING			\$52,000	\$200,000	\$5,726,000	\$200,500	\$82,583	\$6,261,083	

TOTAL ARC DUES AVAILABLE	\$480,829
TOTAL ACTIVITIES BUDGETED	\$275,940
Available Unallocated ARC Budget (total income minus total ARC Dues budget)	\$ 204,889

- Notes**
- (1) ED - Executive Director Services, WC - Wayne County, OC - Oakland County, FOTR - Friends of the Rouge, SEMCOG.
 - (2) Dollar amounts may be adjusted throughout the year as they are estimates of what will be spent during the budget year.
 - (3) In 2019 \$50,000 was put aside for future use to meet sampling requirements and is not included on this budget.

Budget Amendments/Adjustments

- FC1** Added FS4 2020-2022 US Forest Service Reducing Runoff in the Rouge River AOC: total amount is \$327,224 with grant funds of \$261,780 & 20% inkind match of \$65,445. \$249,083 budgeted for 2021 with the remainder budgeted in 2022.
- FC2** Increases SPAC11 budget by \$20,000 for a total project budget of \$95,000 with \$52,000 budgeted in 2021 and the remainder budgeted in 2022.



Alliance
of Rouge
Communities

Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2021 BUDGET AMENDMENT: Finance Committee Amendment FC2

REQUEST DATE: March 19, 2021

LINE ITEM: SPAC11 EGLE RRAC 2020-2021 Support Grant **Amended**

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The ARC has been given a grant from EGLE (AREA OF CONCERN GLRI GRANT AGREEMENT-attached) to support the RRAC. The federal grant number is 2020-2505. This grant will continue general business activities of RRAC, continued development of Area of Concern (AOC) list habitat project descriptions, conduct macroinvertebrate sampling, and sampling for fish in the Rouge River AOC.

The total compensation for this scope of services is \$75,000. The ARC will be reimbursed by EGLE for 100% of this cost with no match requirement.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The ARC will provide general business activities for RRAC that include the support and facilitation of RRAC meetings, maintaining the RRAC website, and conducting other administrative duties of the RRAC. This grant will provide continued development of more in-depth project description sheets for the Rouge AOC Habitat Restoration List Projects. This is the OGL approved list of priority projects that need to be completed in order to remove the Fish and Wildlife Habitat beneficial use impairment (BUI). This project would continue the work to characterize the Rouge fish and macroinvertebrate community. ***The PAC grant was amended to add tasks related to support for the Concrete Channel and development of a Rouge Project mapping as discussed below.***

Task 1 – RRAC Business Facilitation

- RRAC Meeting - ARC staff will facilitate and support the activities of the RRAC. This will include the planning and facilitation of 7 regular RRAC meetings, preparation and distribution meeting agendas and summaries, and other activities needed for the RRAC to fulfill its mission as a public advisory group.
- Web Site - ARC staff will continue maintaining the RRAC web page.
- EGLE Reporting - The ARC will prepare and submit narrative and financial status.

Task 2 – AOC Habitat Project Descriptions

- Descriptions Development - The ARC, with the support of RRAC members, will develop more in-depth project descriptions for up to 8 projects on the Habitat Restoration Project List. The project descriptions will include updated background, photos, maps, amount of habitat to be restored (Ex: linear feet of shoreline or stream, acres of wetland, etc.), and preliminary cost estimate. The project list will be used by EPA and OGL in order to plan funding priorities for the AOC and for seeking future grants and local match.
- Agency Communication - ARC and RRAC will communicate as needed with OGL and EPA regarding the projects on the list.

Task 3 - Monitoring

- Develop and submit QAPP - FOTR will develop a QAPP for benthic macroinvertebrate monitoring and fish surveys based on the previously approved QAPPs for both. It will be submitted for approval and revised to meet reviewer specifications prior to any survey work.
- Fish Monitoring - FOTR will conduct fish sampling using seine nets at 20 sites in the spring/summer 2020 and spring/summer 2021 following the approved QAPP.
- Benthic Macroinvertebrate Monitoring - FOTR will utilize trained volunteers and staff to collect benthic macroinvertebrate data at a minimum of 25 or more stream sites in the Fall of 2020 and 2021 following the QAPP for sampling.
- Reporting - FOTR will compile all benthic macroinvertebrate and fish data and provide a report to RRAC, the ARC, EGLE, volunteers and on the FOTR website.

Task 4 - Concrete Channel Support

Continued flooding in the 1970s caused the federal government to channelize the Rouge River by constructing a concrete channel that was hydraulically efficient and cost-effective. However, this cut-off oxbows associated with the river, limiting much of the aquatic habitat and all but precluded the passage of most fish from the Detroit River to the Rouge River. Water quality in recent years, though, has improved since 1992 thanks to the federally-funded Rouge Project. For example, 89 of the 127 miles of the larger streams and tributaries in the watershed are now free from public health threats associated with uncontrolled combined sewer overflow discharges. Water quality improvement is exhibited by increased dissolved oxygen levels needed to sustain fish and aquatic life. Increased populations and diversity of benthos, fish and wildlife have been measured along the river since 1999.

The Rouge River Advisory Council (RRAC), the Public Advisory Council (PAC) for the Rouge AOC, approved, in March 2016, a list of projects that need to be completed in order to remove the Rouge AOC habitat BUIs. As part of that list, the restoration of the Concrete Channel will have a significant impact on the removal of the BUIs.

In an effort to provide habitat, resting locations for migratory fish, recreational opportunities and restored wetland areas, work has begun on identifying and analyzing potential restoration along the Channel. The USACE is in the process of development of a Conceptual Habitat Rehabilitation Plan (CHRP) to present the “conceptual restoration design alternatives developed based on the investigation results as well as discussions with the Project Coordination Team (PCT). The investigation focus is on rehabilitating habitat along a 2.6 mile reach...”.

The ARC and FOTR, will participate in this effort by providing over the next year: institutional knowledge, facilitation of contact with of potential stakeholders in the area, dissemination of information provided by the USACE through social media/websites, participation in stakeholder team calls and potential site visits.

The ARC will continue participating but will not as a cost to the PAC support grant. This effort will be for a total of \$5,000 for FOTR.

Task 5 - Mapping Rouge Projects

An interactive map will be developed and would be available on the ARC’s website. This mapping effort will allow for an easy understanding of the location and status of projects, support watershed restoration, and eventual BUI delisting by making available previously disparate data in an easy-to-understand geospatial format for federal, state, and local agencies. The map will take a more comprehensive view of watershed restoration efforts that are happening concurrently and after BUI removals. Elements of the work will:

- *Locate approx. 40 RRAC habitat restoration projects and develop a GIS layer. This would be limited to projects that support the habitat BUI and previously identified for delisting.*
 - *Add approx. 25 watershed restoration projects from the past 10 years. This would include built projects completed by RRAC members including FOTR, local communities and the ARC.*
 - *Include a unique identifier, project name and project status (completed, underway, and awaiting funding).*
 - *Include a brief project description, project type (habitat restoration, stormwater mgt, etc.), cost, photos, achieved metrics, owner, funder.*
 - *Display online on the ARC's website in an interactive format. This could include dashboards of amount spent, number of projects complete by type, etc.*
 - *Provide the database in GIS or kmz format to stakeholders who are interested to allow for viewing in ARC GIS or Google Earth.*
 - *Maintain following delisting by the ARC.*
- Online GIS license (annual fee).*

The effort will be for a total of \$15,000 for the ARC.

RATIONALE: *The 2021 budget must be adjusted to reflect the additional funding associated with the Grant Amendment.*

BUDGET: *The Amended PAC Support grant provides and additional \$20,000 to a total grant budget of \$95,000. Therefore, this amendment increases the EGLE RRAC 2020-2021 Support Grant Project (total award is \$95,000) budget line to the 2021 ARC Budget with funding of \$52,000 for 2021 and the remainder budgeted in 2022. No match is required.*

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: Work will be completed by the ARC Staff and Friends of the Rouge (FOTR).

**WORK ORDER No. 2020-2 EGLE RRAC Support Grant
Amendment 1**

This Work Order, when approved and signed, supplements the Master Services Agreement effective January 1, 2019 between Environmental Consulting & Technology, Inc., and its Affiliates* (Consultant) and the Alliance of Rouge Communities (ARC). Except as modified herein, all requirements of this basic Agreement remain in force.

The ARC has been given a grant from EGLE (AREA OF CONCERN GLRI GRANT AGREEMENT-attached) to support the RRAC. This grant is funded with Federal Funding. The Catalog of Federal Domestic Assistance (CFDA) title is Great Lakes Program and the CFDA number is 66.469. The federal grant number is GL00E02481

PARAGRAPH I--SCOPE OF SERVICES

ECT as ARC staff will be responsible for the following task, as modified with the additional of Task 5 – Mapping of Rouge Projects, associated with the grant below and in accordance with the grant conditions:

Task 1 – RRAC Business Facilitation

- RRAC Meeting - ARC staff (ECT) will facilitate and support the activities of the RRAC. This will include the planning and facilitation of 7 regular RRAC meetings and preparation and distribution meeting agendas and summaries
- Web Site - ARC staff (ECT) will continue maintaining the RRAC web page.
- EGLE Reporting - The ARC (ECT) will prepare and submit narrative and financial status.

Task 2 – AOC Habitat Project Descriptions

- Descriptions Development - The ARC (ECT), with the support of RRAC members, will develop more in-depth project descriptions for up to 8 projects on the Habitat Restoration Project List. The project descriptions will include updated background, photos, maps, amount of habitat to be restored (Ex: linear feet of shoreline or stream, acres of wetland, etc.), and preliminary cost estimate. The project list will be used by EPA and OGL in order to plan funding priorities for the AOC.
- Agency Communication - ARC (ECT) and RRAC will communicate as needed with OGL and EPA regarding the projects on the list.

Task 5 - Mapping Rouge Projects

An interactive map will be developed and would be available on the ARC's website. This mapping effort will allow for an easy understanding of the location and status of projects, support watershed restoration, and eventual BUI delisting by making available previously disparate data in an easy-to-understand geospatial format for federal, state, and local agencies. The map will take a more comprehensive view of watershed restoration efforts that are happening concurrently and after BUI removals. Elements of the work will:

- *Locate approx. 40 RRAC habitat restoration projects and develop a GIS layer. This would be limited to projects that support the habitat BUI and previously identified for delisting.*

- Add approx. 25 watershed restoration projects from the past 10 years. This would include built projects completed by RRAC members including FOTR, local communities and the ARC.
- Include a unique identifier, project name and project status (completed, underway, and awaiting funding).
- Include a brief project description, project type (habitat restoration, stormwater mgt, etc.), cost, photos, achieved metrics, owner, funder.
- Display online on the ARC’s website in an interactive format. This could include dashboards of amount spent, number of projects complete by type, etc.
- Provide the database in GIS or kmz format to stakeholders who are interested to allow for viewing in ARC GIS or Google Earth.
- Online GIS license (annual fee).


PARAGRAPH II--COMPENSATION

The maximum cost of this Cost Reimbursable Work Order increases from \$31,000 to \$44,997. Estimated cost associated with **Task 5 - Mapping Rouge Projects** is \$15,000.

PARAGRAPH III--SCHEDULE

The services in this Work Order shall be completed no later than February 28, 2022.

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.
and its AFFILIATES***

By 
John O'Meara

Its Vice President

Date _____

ALLIANCE OF ROUGE COMMUNITIES

By _____
Doug Moore

Title Chairperson

Date _____

WORK ORDER No. 2019-4 EPA TAM/JC2 (Rev2 March 22, 2021)

This Work Order, when approved and signed, supplements the Master Services Agreement effective January 1, 2019 between Environmental Consulting & Technology, Inc., and its Affiliates* (Consultant) and the Alliance of Rouge Communities (ARC). Except as modified herein, all requirements of this basic Agreement remain in force.

PARAGRAPH I--SCOPE OF SERVICES

Consultant shall perform professional services as outlined the attached scope of work (Attachment A).

PARAGRAPH II--COMPENSATION

The maximum cost of this Cost Reimbursable Work Order is increased by \$38,790 from \$403,569 to \$442,359 as shown in revised estimated project budget table in Attachment A.

PARAGRAPH III--SCHEDULE

The services in this Work Order have been to be completed no later than April 1, 2023

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.
and its AFFILIATES***

By _____

John O'Meara, P.E. _____

Its Vice President _____

Date _____

ALLIANCE OF ROUGE COMMUNITIES

By _____

Title _____

Date _____

ATTACHMENT A

ROUGE RIVER AOC HABITAT RESTORATION IMPLEMENTATION- TAMARACK/FISH HATCHERY

(Revised September 1, 2020)

SUPPLEMENTAL GRANT REQUEST

The supplemental EPA grant request was based on the need for site access agreements and submission of a 100-year floodplain revision to FEMA for the Tamarack project. Under the GLRI Grant - Rouge River AOC Habitat Restoration Design- Tamarack/Fish Hatchery GL - 00E02344 – 3: Tamarack portion, site authorizations were needed from the property owners to allow for State of Michigan permitting. However, to allow for the physical construction on their properties the property owners are requiring site access agreements be developed. Also, due to the final design under the design grant, the Tamarack project is now altering the 100 -year floodplain and an updated 100-year floodplain revision will need to be submitted to FEMA upon completion of the construction. These needs have resulted in the additional funding and time extension being requested.

PROJECT BACKGROUND

The Rouge River watershed is a designated AOC under the Great Lakes Water Quality Agreement (GLWQA) and has three Beneficial Use Impairments (BUIs) associated with fish and wildlife habitat: Degraded Fish and Wildlife Populations, Degradation of Benthos, Loss of Fish and Wildlife Habitat. The Rouge River Advisory Council (RRAC), the Public Advisory Council (PAC) for the Rouge AOC, approved, in March 2016, a list of projects that need to be completed in order to remove the Rouge AOC habitat BUIs. As part of that list two activities/projects were considered as having significant impact on the removal of the BUIs. These are the restoration of Tamarack Creek/wetland and habitat restoration on Johnson Creek at Fish Hatchery Park. The result of these activities when implemented will result in restoration of 2 acres of wetland, 0.5 acres of backwater habitat restored and reconnected, 0.5 acre of riparian habitat restored, restoration of 2,850 feet of Rouge tributary (1,800 lft of stream corridor and 1,050 of additional streambank naturalization) and 100 native trees and habitat structures installed. Each of the two Rouge River AOC Habitat Restoration Design Project activities is discussed below

Tamarack Creek Stream and Wetland Restoration

Tamarack Creek, a tributary of Evans Creek (and the Middle Rouge River), receives uncontrolled stormwater runoff from a large portion of its drainage area. As a result, Tamarack Creek has been eroded by excessive channel velocity associated with peak flows. Bank erosion is leading to excessive sediment loading and sedimentation of instream habitat. Sedimentation is also exacerbated by nonpoint sources of sediment delivered to Tamarack Creek via stormwater. Excessive channel velocity is also destabilizing large woody debris and gravel/cobble substrates that are important fish and macroinvertebrate habitat.

In order to address the habitat impairments, restoration of Tamarack Creek is necessary in conjunction with wetland restoration to help improve hydrology and in-stream habitat. Wetland restoration will repair wetland hydrology, manage invasive species, and plant native wetland plants to diversify the flora. To restore the wetland habitat, the sediment in the existing wetland will be removed and replaced with clean soil to remove invasive species. The wetland will be replanted with native species. A grade control structure will be constructed to allow water from the wetland to drain slowly into Tamarack Creek. A scour pool just downstream of the wetland outlet structure will assist with energy dissipation as the water moves into the stream.

Stream restoration will increase channel and habitat stability by altering the channel cross-section. To restore the stream habitat, the floodplain will be expanded in areas to a width of approximately 100- 125 linear ft, which will allow the stream to convey large stormwater flows without causing excessive velocities and destabilizing substrate. The new floodplain will be planted with native plants and trees and will include access for maintenance. A new stream channel will be constructed with increased sinuosity to lower the slope and further lower the velocities in Tamarack Creek. Approximately 20 toe wood structures will be incorporated into the design to provide habitat, stabilize stream banks, and reduce erosion. In total, this project will include the excavation of approximately 25,000 cubic yards of soil and the installation of native plants (approximately 5,000 live stakes, 2,500 shrubs, 450 trees, and 9 acres of native seed).

To allow for the construction site access agreements with the property owners will be developed. Also, due to the final design (under the design grant GL-00E02344-2) the Tamarack project is now altering the 100 -year floodplain and an updated 100-year floodplain revision will need to be submitted to FEMA upon completion of the construction.

Restoration Outputs

The Tamarack Creek Stream and Wetland Restoration project when implemented will produce the following outputs:

- 2.2 acres of restored wetland
- 1,800 lft of stream corridor (3,600 feet of streambank corridor) restored
- 20 constructed habitat structures

Johnson Creek Fish Hatchery Park Restoration

Fish and Wildlife habitat associated with Johnson Creek have been lost and impacted by sedimentation, loss or conversion of riparian vegetation, and streambank armoring, reducing its viability as a cold-water fishery; the only remaining cold water fishery in the Rouge River. A spring-fed pond, which flows into Johnson Creek, has been degraded by sediment-laden stormwater runoff from the unimproved parking lot at Fish Hatchery Park. The resulting sediment has been deposited into the pond to a point where it is less than 18 inches deep. This sediment escapes from the pond through the outlet structure and is impairing the stream bottom habitat in Johnson Creek. In addition, the earthen wall separating the pond from Johnson Creek is failing. In time, the wall will collapse which will eliminate the potential cleansing properties of the pond and transfer the accumulated sediment into the creek. In addition to this, streambanks have been impacted by the removal of native vegetation and historic placement of a concrete wall along one bank of the stream.

To restore the habitat of Johnson Creek this project will naturalize the streambanks through the removal of the concrete wall. In order to protect the newly formed bank from erosion, floodplain terraces will be created to allow for a natural and stable floodplain surface for conveyance of storm flows at slower velocities. Other stabilization techniques will be utilized including flattening the streambank slope, installing vegetation, and constructing current-deflecting rock vanes in areas especially prone to erosive forces. The native plantings to naturalize the streambank of Johnson Creek will include approximately 85 trees, 40 shrubs, and 990 live stakes, in addition to live brush layering and native seeding. This work necessitates modifications to an existing pedestrian bridge, which rests on the existing concrete wall. The project will also remove woody debris which is impeding stream flow.

To restore Fish Hatchery Pond, this project will remove accumulated sediment in the pond and modify the pond outlet to create a fish passage channel between the pond and the creek. A bioswale will be constructed to prevent future sedimentation of the pond. Sheet piling is also proposed to stabilize the earth between Fish Hatchery Pond and

Johnson Creek. To accommodate public use inside the park, a fence is proposed above a portion of the floodplain benches for fall protection and fencing around an existing baseball diamond is proposed to be shifted 10 additional feet away from the streambank in order to naturalize it.

Restoration Outputs

The Johnson Creek Restoration project will produce the following outputs:

- Naturalize 1,050 lft of streambank (one side of creek where concrete was)
- Restore and connect 0.5 acres of backwater habitat (the pond) to Johnson Creek
- Restore 0.5 acres of riparian habitat

SCOPE OF WORK (Rev Sept 1, 2020)

ECT will complete the following tasks, for the ARC, in order to complete the Rouge River AOC Restoration Design projects.

Task 1. Grant Reporting/Administration/Public Outreach – Overall Grant/Projects

This task includes the following elements associated with the overall grant and projects that will be completed:

- Grant Management Activities - Grant management services and assure compliance with terms and conditions of the grant will be provided.
- EAGL Reporting - The Environmental Accomplishments in the Great Lakes (EAGL) semi-annual reporting will be prepared and submitted.
- Health and Safety Hazard Assessment Development – A site specific health and safety hazard assessment will be developed for the project. Potential hazards will be identified, and steps will be outlined to reduce risk to employees and visitors to the site.
- QAPP Development - In accordance with federal requirements all environmental measurements undertaken in support of this project will be required to be conducted under a formal quality management protocol. A project specific QAPP will be prepared and submitted for review and approval prior to beginning any data collection activities.
- Coordinate with Partners –Coordination between partners and stakeholders in the project. Throughout the process, active participation will be fostered among the stakeholders.
- Public Outreach –The Alliance of Rouge Communities (ARC) post information related to the project under this grant on the ARC web site and informational flyers will be developed (updated).
- Final Report – A comprehensive final report summarizing all the activities conducted will be completed in draft form and submitted for review. Comments received will be incorporated into a final version for submittal.

Deliverables: Semi- Annual Reporting, QAPP, HASP, Flyer, Final Report

Task 3. Construction Oversight

The ARC will provide construction oversight (field engineering and project, installation, and assembly administration) during construction of the projects.

Field Engineering Oversight Services

This will include all functions and activities necessary to provide the oversight necessary so that all materials

provided, and work performed is in conformance with the project plans and specifications. The functions and activities of this task include those typically associated with a project of this nature, including:

- Prepare for and conduct a Pre-Construction site inspection and meeting;
- Respond to inquiries and /or requests for information;
- Attend construction site meetings;
- Review and approve shop drawings and submittals;
- Assist in resolution of issues that arise during construction of the project;
- Provide on-site oversight at intervals appropriate to the various stages of construction in order to observe the contractor's activities to verify that the progress and quality of the project is being constructed in conformance with the project plans and specifications;
- Verify that the contractor uses equipment and methods approved in or specified by the contract;
- Inspect materials to be used in the work, verifying they meet the project specifications;
- Verify that the contractor complies with all contract requirements related to the protection of utilities, property, and the environment;
- Verify that the contractor complies with all permit requirements as they pertain;
- Coordinate project testing services with the Contractor and the testing company;
- Provide design engineering, specification and design drawing development when changes or modifications to the project plans are necessary; and
- Conduct site walks with the Contractor to develop the project "punch list" and for updating of those items;
- Conduct an inspection to determine if the work is substantially complete for acceptance as it relates to the contract documents and time.

Administration Oversight Services

Project, installation, and assembly administration tasks typically associated with a project of this nature, included:

- Review proposals/claims and make recommendations related to contract modifications, extra work, extra compensation, and/or extensions of contract time;
- Process and maintain records for contract modifications and/or work order;
- Review and approve or make recommendations on Contractor construction estimates;
- Generate Monthly Progress Summaries;
- Track and maintain status of miscellaneous submittals and Requests for information;
- Review and balance all pay item quantities;
- Provide complete project documentation and files, specifically as they relate to correspondence, meeting minutes, submittals, contract modifications, work orders, material certifications, test reports, and interim progress estimates; and
- Review Contractor's final submission of "as-builts" plans for compliance with the specifications and the work complete.

Deliverables: Submittal approvals, field notes, field meeting minutes, and updated plans/specs (if required)

Task 4. Tamarack Access & FEMA Documentation

To allow for the construction of the Tamarack Restoration, site access agreements with the property owners will be developed. Also, due to the final design (under the design grant GL-00E02344-2) the Tamarack project alters the 100 -year floodplain, therefore an updated 100-year floodplain revision will be submitted to FEMA upon completion of

the construction.

FEMA 100 – year Floodplain Revision -_The Letter of Map Revision is the official legal documentation for the change in the FEMA 100 – year floodplain documentations. Therefore, verbal and written consultation with FEMA will be necessary. A FEMA Conditional Letter of Map Revision application package will be prepared. This will include Property Information Form, Elevation Form; Community Acknowledgment Form. The FEMA hydraulic model used to conduct the Flood Insurance Study for the area will be utilized. Design model follow up will be conducted following construction with the use of as-built data and the FEMA cross-section. The revision will require FEMA review (about 4-6 month) and approval.

ESTIMATED PROJECT BUDGET (Rev March 22, 2020)

Environmental Consulting & Technology, Inc. Rouge River AOC Implementation - Tamarack/Fish Hatchery		Task 1: Grant Reporting/Administration/Public Outreach		Task 3: Construction Oversight		Task 4 : Tamarack Access & FEMA		Totals	
		Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost
Principal Engineer	Rates \$210	60	\$12,600	240	\$50,400	40	\$8,400	340	\$71,400
Sr. Level Staff	\$180	40	\$7,200	700	\$126,000	120	\$21,600	860	\$154,800
Mid-Level Staff	\$145	0	\$0	300	\$43,500	80	\$11,600	380	\$55,100
Jr-Level Staff	\$105	48	\$5,040	1150	\$120,750	160	\$16,800	1358	\$142,590
Technician	\$65	0	\$0		\$0		\$0	0	\$0
Administrative Support	\$60	100	\$6,000	120	\$7,200	24	\$1,440	244	\$14,640
Labor Totals		248	\$30,840	2510	\$347,850		\$59,840	3182	\$438,530
Expenses									
Vehicle and mileage			\$500		\$2,329				\$2,829
Field Equipment					\$1,000				\$1,000
Expense Total			\$500		\$3,329		\$0		\$3,829
TOTAL COST - As Amended			\$ 31,340		\$ 351,179		\$ 59,840		\$ 442,359
TOTAL COST - Previous			\$26,300		\$317,429		\$59,840		\$403,569

ARC MEMBER 2022 DUES INCREASE

Community/County	2018 Dues	2019 2% increase	2019 Dues	2020 2% increase	2020 Dues	2021 2% increase	2021 Dues	2022 2% increase	2022 Dues
Canton Twp.	\$32,756	\$655	\$33,411	\$668	\$34,079	\$682	\$34,761	\$695	\$35,456
Dearborn Heights	\$10,605	\$212	\$10,817	\$216	\$11,033	\$221	\$11,254	\$225	\$11,479
Garden City	\$7,686	\$154	\$7,840	\$157	\$7,997	\$160	\$8,156	\$163	\$8,320
Inkster	\$6,794	\$136	\$6,930	\$139	\$7,068	\$141	\$7,210	\$144	\$7,354
Livonia	\$34,203	\$684	\$34,887	\$698	\$35,585	\$712	\$36,296	\$726	\$37,022
Melvindale	\$3,154	\$63	\$3,217	\$64	\$3,281	\$66	\$3,347	\$67	\$3,414
Northville	\$2,016	\$40	\$2,056	\$41	\$2,097	\$42	\$2,139	\$43	\$2,182
Northville Twp.	\$12,525	\$251	\$12,776	\$256	\$13,031	\$261	\$13,292	\$266	\$13,557
Plymouth	\$2,667	\$53	\$2,720	\$54	\$2,775	\$55	\$2,830	\$57	\$2,887
Plymouth Twp.	\$12,460	\$249	\$12,709	\$254	\$12,963	\$259	\$13,223	\$264	\$13,487
Redford Twp.	\$13,933	\$279	\$14,212	\$284	\$14,496	\$290	\$14,786	\$296	\$15,082
Romulus	\$2,548	\$51	\$2,599	\$52	\$2,651	\$53	\$2,704	\$54	\$2,758
Van Buren Twp.	\$7,982	\$160	\$8,142	\$163	\$8,304	\$166	\$8,471	\$169	\$8,640
Wayne	\$5,907	\$118	\$6,025	\$121	\$6,146	\$123	\$6,269	\$125	\$6,394
Westland	\$23,794	\$476	\$24,270	\$485	\$24,755	\$495	\$25,250	\$505	\$25,755
Wayne County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Auburn Hills	\$320	\$6	\$326	\$7	\$333	\$7	\$340	\$7	\$346
Beverly Hills	\$3,421	\$68	\$3,489	\$70	\$3,559	\$71	\$3,630	\$73	\$3,703
Bingham Farms	\$772	\$15	\$787	\$16	\$803	\$16	\$819	\$16	\$836
Birmingham	\$3,737	\$75	\$3,812	\$76	\$3,888	\$78	\$3,966	\$79	\$4,045
Bloomfield Hills	\$3,053	\$61	\$3,114	\$62	\$3,176	\$64	\$3,240	\$65	\$3,305
Bloomfield Twp.	\$18,993	\$380	\$19,373	\$387	\$19,760	\$395	\$20,156	\$403	\$20,559
Commerce Twp.	\$659	\$13	\$672	\$13	\$686	\$14	\$699	\$14	\$713
Farmington	\$3,112	\$62	\$3,174	\$63	\$3,238	\$65	\$3,302	\$66	\$3,369
Farmington Hills	\$29,922	\$598	\$30,520	\$610	\$31,131	\$623	\$31,753	\$635	\$32,389
Franklin	\$1,798	\$36	\$1,834	\$37	\$1,871	\$37	\$1,908	\$38	\$1,946
Lathrup Village	\$1,436	\$29	\$1,465	\$29	\$1,494	\$30	\$1,524	\$30	\$1,554
Novi	\$19,963	\$399	\$20,362	\$407	\$20,770	\$415	\$21,185	\$424	\$21,609
Rochester Hills	\$2,293	\$46	\$2,339	\$47	\$2,386	\$48	\$2,433	\$49	\$2,482
Southfield	\$21,532	\$431	\$21,963	\$439	\$22,402	\$448	\$22,850	\$457	\$23,307
Troy	\$5,294	\$106	\$5,400	\$108	\$5,508	\$110	\$5,618	\$112	\$5,730
Walled Lake	\$905	\$18	\$923	\$18	\$942	\$19	\$960	\$19	\$980
Wixom	\$642	\$13	\$655	\$13	\$668	\$13	\$681	\$14	\$695
Oakland County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
West Bloomfield Twp.	\$14,754	\$295	\$15,049	\$301	\$15,350	\$307	\$15,657	\$313	\$15,970
Oak Park	\$182	\$4	\$186	\$4	\$189	\$4	\$193	\$4	\$197
Orchard Lake	\$140	\$3	\$143	\$3	\$146	\$3	\$149	\$3	\$152
Henry Ford Community College	\$900	\$18	\$918	\$18	\$936	\$19	\$955	\$19	\$974
University of Michigan-Dearborn	\$900	\$18	\$918	\$18	\$936	\$19	\$955	\$19	\$974
Schoolcraft College					\$936	\$19	\$955	\$19	\$974
WCAA	\$2,719	\$54	\$2,773	\$55	\$2,829	\$57	\$2,885	\$58	\$2,943
Washtenaw County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$316,476	\$6,330	\$322,807	\$6,456	\$330,199	\$6,604	\$336,803	\$6,736	\$343,539



Working together, restoring the river

POLICY FOR COMMUNICATION WITH PERSONS WITH LIMITED ENGLISH PROFICIENCY

The Alliance of Rouge Communities (ARC) will take reasonable steps to ensure that persons with Limited English Proficiency (LEP) have meaningful access and an equal opportunity to participate in our activities and programs. The policy of ARC is to ensure meaningful communication with LEP persons. All interpreters, translators and other aids needed to comply with this policy shall be provided without cost to the person being served, and persons will be informed of the availability of such assistance free of charge.

Language assistance will be provided through use of competent bilingual staff, staff interpreters, contracts or formal arrangements with local organizations providing interpretation or translation services, or technology and telephonic interpretation services.

ARC will conduct a regular review of the language access needs of our population, as well as update and monitor the implementation of these procedures, as necessary.

IDENTIFYING LEP PERSONS AND THEIR LANGUAGE

ARC will promptly identify the language and communication needs of the LEP person. If necessary, ARC staff will use a language identification card (or "I speak cards," available online at www.lep.gov) or posters to determine the language.

OBTAINING A QUALIFIED INTERPRETER

The ARC's Administrative Coordinator is responsible for:

- 1) Maintaining an accurate and current list showing the name, language, phone number and hours of availability of bilingual staff;
- 2) Contacting the appropriate bilingual staff member to interpret, in the event that an interpreter is needed, if an employee who speaks the needed language is available and is qualified to interpret;
- 3) Obtaining an outside interpreter if a bilingual staff or staff interpreter is not available or does not speak the needed language.

PROVIDING WRITTEN TRANSLATIONS

- 1) When translation of documents is needed, ARC will translate documents into frequently-encountered languages.
- 2) Facilities will provide translation of other written materials, if needed, as well as written notice of the availability of translation, free of charge, for LEP individuals.

PROVIDING NOTICE TO LEP PERSONS

ARC will inform LEP persons of the availability of language assistance, free of charge, by providing written notice in languages LEP persons will understand. Notification of the LEP procedure will be posted on the ARC's website.

MONITORING LANGUAGE NEEDS AND IMPLEMENTATION

On an ongoing basis, ARC will assess changes in demographics, types of services or other needs that may require reevaluation of these procedures. In addition, ARC will regularly assess the efficacy of these procedures, including but not limited to mechanisms for securing interpreter services, feedback and complaints filed by LEP persons and ARC member communities.