



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

- 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

DRAFT AGENDA - August 11, 2022, 1:00 p.m. – 2:30 p.m.
By computer: [Click here to join the meeting](#)
Or call in +1 352-374-3246 Phone Conference ID: 756 780 732#

	<u>Page</u>
1. Welcome –Doug Moore, Chair	Information
a. Roll Call/Determination of Quorum	
b. Additions or changes to the Draft Meeting Agenda	
c. Approval of March 24, 2022, Meeting Summary	Action follow link
2. Executive Director Report – ARC Staff	
a. MS4 Update – A. DeMaria	Information
b. Grant Status Report – J. O’Meara	Information 2
c. Lower Rouge Reforestation Presentation – C. Humphriss, R. Marimon, C. Ross	Information
3. Treasurers/Finance Committee Report – Rebecca Runkel, Treasurer	
a. A/R, A/P and Profit/Loss Reports	Information 4
b. 2022 Member Dues	Information
c. Final 2020 Census & 2023 Dues	Information 8
d. Ratify E-mail Vote	Action 9
i. 6/7/22: 26 yay 0 nay – Extension and budget amendment for SPAC11 – RRAC 2020-2022 Support adding \$33,500 to bring the grant total to \$128,500 and the grant is extended to 8/31/22. This also included contract work order amendments for ECT and FOTR.	
e. 2022 Budget Amendment	
i. FC2: WCEPA1 adding \$77,000 for total budget of \$493,000	Action 10
f. 2013 ECT Contract Amendment	
i. Revision 3 to Appendix M adding \$77,000 for a total budget of \$493,000 for WCEPA1	Action 14
4. Standing Committee Reports – Doug Moore	
a. Organization Committee Progress Report (N. Mullett, Chair)	Information
b. PIE Committee Progress Report (J. Garrison, Chair)	Information
c. Technical Committee Progress Report (K. Mondora, Chair)	Information
5. Report from Cooperating Partners – Doug Moore	Information
6. Report from Counties – Doug Moore	Information
7. Report from EGLE – Doug Moore	Information
8. Opportunity for Public Comment – Doug Moore	Information
9. Other Business – Doug Moore	Information
10. Summary of Actions of Full Alliance – Tennille Newsome	Information
11. Adjourn	Action

ARC GRANT PROJECTS STATUS – JULY 2022

EGLE PAC Support Grant

- FOTR is doing the fish surveys this summer
- Draft Bylaws have been developed
- Meetings organized and held
- Grant ends August 2023

EPA Wayne County Henry Ford Estate Dam Fish Passage

- Contractor is conducting vegetation maintenance.
- Partial opening of the fishway will be done this summer. Full opening will occur in July/August 2023.
- Protective fencing will be reinstalled along the fishway. Pedestrian barriers will be in place at the maintenance bridge and under the road through this October.
- Contractor will be working to remove sediment deposition within the channel.
- Working on social media to get message out about public assistance in helping the site get established by not entering the project area.

EPA Johnson Creek Fish Hatchery and Tamarack Creek Restoration Implementation

- Fish Hatchery - Contractor working vegetation maintenance and some punch list items this summer
- Tamarack - Contractor performing final site work and vegetation maintenance.

EPA Seeley Creek Habitat Restoration

- Coordination with Oakland County for Contract Document Approval and easement development
- Anticipated bidding here in July (or early August)

EPA Colonial & Venoy Restoration

Colonial

- Construction work started in June
- Phrag treatments conducted
- Grading for wetland/wet meadow areas done
- Plantings this early fall

Venoy

- Construction work started end of June
- Clearing work started

EPA Wayne County Parkland Implementation

Sherwood Restoration

- Construction work started June
- Clearing and invasive work completed
- Grading for wetlands
- Native seeding in riparian area done
- Plantings to be completed late summer

Bell Restoration

- Construction work started end of June
- Clearing and access work started

Lola Restoration

- Construction work started end of June
- Site grading ongoing

Lower Rouge

- Reforestation work on pause to be completed next spring 2023
- Lower Rouge Log Jams work has been completed

Riverview Restoration

- Anticipation of bidding project for construction late this fall 2022.

EPA LTU Wetland Habitat Restoration Design

- Design has been completed and EGLE permit application package submitted
- Construction bidding anticipated for later fall with construction in 2023

EPA Wilcox/Inkster/Phoenix Restoration Design**Wilcox Lake Restoration**

- Survey work completed
- Wetland field assessment completed
- Tree identification to be done July
- Fish monitoring to be done in July
- Design is underway and initial concept layout complete
- Construction bidding anticipated for winter with construction in 2023

Phoenix Lake Restoration

- Survey work completed
- Wetland field assessment completed
- Design is underway and initial concept layout complete
- Construction bidding anticipated for winter with construction in 2023

Inkster Restoration

- Survey work completed
- Wetland field assessment completed
- Design is underway and initial concept layout complete

USDA Forest Service – Reducing Runoff in the Rouge River AOC

- Requested extension granted by USDA
- Communities in process of acquiring trees for planting
- Some communities decided not to plant so redistribution of some trees to others
- Green Infrastructure design and implementation underway

Regional Investigational Monitoring Work Plan for Southeast Michigan

- Monitoring plan and budget drafted
- Completed outreach to several sanitary sewer districts and GLWA leadership
- Evaluating cost allocation options

8:19 AM

Alliance of Rouge Communities
A/R Aging Summary
 As of August 5, 2022

08/05/22

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Beverly Hills	0.00	3,703.00	0.00	0.00	0.00	3,703.00
Bloomfield Township	0.00	0.00	0.00	0.00	20,559.00	20,559.00
EGL - PAC grant	4,335.00	5,982.50	8,870.00	0.00	0.00	19,187.50
EPA-ASAP	88,604.96	0.00	0.00	0.00	0.00	88,604.96
Franklin	0.00	1,946.00	0.00	0.00	0.00	1,946.00
GLWA	4,000.00	0.00	0.00	0.00	0.00	4,000.00
Henry Ford Community College	0.00	974.00	0.00	0.00	0.00	974.00
Lathrup Village	0.00	1,554.00	0.00	0.00	0.00	1,554.00
MDEQ SAW Grant	0.00	0.00	0.00	0.00	0.00	0.00
Redford Township	0.00	0.00	0.00	0.00	15,082.00	15,082.00
Romulus	0.00	2,758.00	0.00	0.00	0.00	2,758.00
Schoolcraft College	0.00	974.00	0.00	0.00	0.00	974.00
Southfield	0.00	23,307.00	0.00	0.00	0.00	23,307.00
USDA Forest Service	6,195.00	890.00	0.00	0.00	0.00	7,085.00
TOTAL	<u>103,134.96</u>	<u>42,088.50</u>	<u>8,870.00</u>	<u>0.00</u>	<u>35,641.00</u>	<u>189,734.46</u>

10:32 AM

08/05/22

Alliance of Rouge Communities
A/P Aging Summary
As of August 5, 2022

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Anglin Civil	288,262.51	0.00	0.00	0.00	0.00	288,262.51
Friends of the Rouge	29,926.80	0.00	0.00	0.00	0.00	29,926.80
TOTAL	<u>318,189.31</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>318,189.31</u>

10:39 AM

08/05/22

Accrual Basis

Alliance of Rouge Communities
Profit & Loss Budget vs. Actual
 January through December 2022

	Jan - Dec 22	Budget
Ordinary Income/Expense		
Income		
47200 · Program Income		
4792 · 2022 ARC Membership Dues	343,539.00	343,539.00
Total 47200 · Program Income	343,539.00	343,539.00
47500 · Contributions		
11501 · FS4 20-22 Reduce Runoff match	11,100.00	16,362.00
47500.1 · Contributions-Donated Service	0.00	30,000.00
Total 47500 · Contributions	11,100.00	46,362.00
48000 · Grants		
48908 · NOAA3-HFE Dam Fish Passage	0.00	500.00
48913 · EGLE PAC Supt 11 RRAC Fac 20-22	28,209.00	43,000.00
60667.1 · EPA4-Implement Tam/Johnson Crk	230,232.72	1,167,559.00
60667.2 · EPA5-Seeley Creek Hab Res	830.00	110,500.00
60667.3 · EPA6A-RR AOC Venoy	71,160.86	127,000.00
60667.4 · EPA6B-RR AOC Colonial	181,852.26	127,000.00
60667.5 · EPA7-WC 5 Parks Implementation	842,829.88	2,950,590.00
60670 · FS4 20-22 Reduce Runoff	19,511.25	49,083.00
60671 · EPA8 LTU Wetland Design	32,356.25	50,000.00
60672 · EPA9 - Wil/Pho/Ink Design	158,965.13	560,100.00
60673 · GLWA1	21,717.33	15,000.00
Total 48000 · Grants	1,587,664.68	5,200,332.00
Total Income	1,942,303.68	5,590,233.00
Expense		
60400 · ARC Awards and Grants		
60410 · Executive Director Services		
60410.2 · 101 Program Support	22,147.56	60,000.00
60410.3 · 102 MGT Admin & Financial	24,978.75	58,000.00
60410.4 · 103 Funding - grants	2,625.00	12,295.00
Total 60410 · Executive Director Services	49,751.31	130,295.00
60420 · Public Involv. & Education Com.		
60420.1 · PIE1-Col PEP/PPP Annual act.	29,650.21	52,280.00
60420.2 · PIE2-Col PEP/PPP 5yr activities	9,575.36	46,280.00
Total 60420 · Public Involv. & Education Com.	39,225.57	98,560.00
60430 · Technical Committee		
60430.5 · IDEP Investigations	7,576.51	
60432.1 · TC1-Col IDEP/TMDL annual	5,187.50	90,800.00
60432.2 · TC2-Col IDEP/TMDL 5yr	15,840.00	16,160.00
60432.3 · TC3-5 yr large scale outfall	0.00	66,000.00
Total 60430 · Technical Committee	28,604.01	172,960.00
Total 60400 · ARC Awards and Grants	117,580.89	401,815.00
60430.6 · TMDL Sampling	9,658.29	
604608 · SPAC11 RRAC Facilitation 2020	28,209.00	43,000.00
606651 · WC EPA1 HFE Fishway	0.00	500.00
606655 · EPA5-Seeley Creek Hab Restor.	830.00	110,500.00
606656 · EPA4-Implement Tam/Johnson Crk	230,232.72	1,167,559.00
606658 · EPA6A-RR AOC Venoy	71,160.86	127,000.00
606659 · EPA6B-RR AOC Colonial	181,852.26	127,000.00
606660 · EPA7 WC 5 Park Implementation	842,829.88	2,950,590.00
606661 · FS4 20-22 Reduce Runoff	19,511.25	65,445.00
606662 · EPA8 LTU Wetland Design	32,356.25	50,000.00
606663 · EPA9 - Wil/Phoe/Ink Design	142,566.09	560,100.00
606664 · GLWA1 - Investigational monitor	29,950.00	15,000.00

10:39 AM

08/05/22

Accrual Basis

Alliance of Rouge Communities
Profit & Loss Budget vs. Actual
 January through December 2022

	Jan - Dec 22	Budget
62100 · Contract Services		
62110 · FC1-Accounting Fees	11,572.00	20,500.00
62140 · FC1-Legal Fees	0.00	1,000.00
65120 · FC2-Insurance - D&O	1,042.00	1,500.00
65121 · Mailbox and web hosting fee	0.00	1,750.00
Total 62100 · Contract Services	12,614.00	24,750.00
Total Expense	1,719,351.49	5,643,259.00
Net Ordinary Income	222,952.19	-53,026.00
Net Income	222,952.19	-53,026.00

ARC FINAL 2023 DUES

Member	2022 dues	change in dues from 2022 to 2023 + 2% increase and 2020 Census Data	2023 Dues
Allen Park*	out	out	
Canton Twp.	\$35,456	\$1,231	\$36,687
Dearborn	out	out	
Dearborn Heights*	\$11,479	\$547	\$12,026
Garden City	\$8,320	(\$120)	\$8,200
Inkster*	\$7,354	\$70	\$7,424
Livonia	\$37,022	(\$518)	\$36,504
Melvindale*	\$3,414	\$313	\$3,727
Northville	\$2,182	\$13	\$2,195
Northville Twp.*	\$13,557	\$443	\$14,000
Plymouth	\$2,887	\$24	\$2,911
Plymouth Twp.	\$13,487	(\$3)	\$13,484
Redford Twp.	\$15,082	\$107	\$15,189
Romulus*	\$2,758	\$23	\$2,781
Van Buren Twp.*	\$8,640	\$54	\$8,694
Wayne	\$6,394	(\$20)	\$6,374
Westland*	\$25,755	\$63	\$25,818
Auburn Hills*	\$346	\$22	\$368
Beverly Hills*	\$3,703	\$30	\$3,733
Bingham Farms	\$836	(\$2)	\$834
Birmingham*	\$4,045	\$164	\$4,209
Bloomfield Hills	\$3,305	\$81	\$3,386
Bloomfield Twp.*	\$20,559	\$421	\$20,980
Commerce Twp.*	\$713	\$12	\$725
Farmington	\$3,369	\$188	\$3,557
Farmington Hills	\$32,389	\$568	\$32,957
Franklin	\$1,946	(\$13)	\$1,933
Lathrup Village	\$1,554	(\$7)	\$1,547
Novi*	\$21,609	\$1,435	\$23,044
Pontiac*	out	out	
Rochester Hills*	\$2,482	\$48	\$2,530
Southfield*	\$23,307	\$570	\$23,877
Troy*	\$5,730	\$156	\$5,886
Walled Lake*	\$980	\$11	\$991
Wixom*	\$695	\$52	\$747
Superior Twp.*	out	out	
Ypsilanti Twp.*	out	out	
West Bloomfield Twp.*	\$15,970	\$795	\$16,765
Oak Park*	\$197	(\$1)	\$196
Orchard Lake*	\$152	(\$3)	\$149
HFCC	974	\$20	\$994
Schoolcraft	974	\$20	\$994
UMD	974	\$20	\$994
WCAA	\$2,943	\$59	\$3,002

*Communities with a portion of land outside the Rouge watershed

Chris E. O'Meara

From: Chris E. O'Meara
Sent: Tuesday, June 7, 2022 8:53 AM
To: Chris E. O'Meara
Subject: VOTE PASSED: ARC 2022 Budget Amendment for SPAC11

ARC Members,

The below ARC Budget Amendment to SPAC11 has passed with 26 yay and 0 nay. Thank you for voting!

Chris O'Meara

ARC Staff
M: 734.740.5010
O: 734.272.0289

Alliance of Rouge Communities

www.allianceofrougecommunities.com

46036 Michigan Ave., Suite 126
Canton, MI 48188

From: Chris E. O'Meara <comeara@ectinc.com>
Sent: Tuesday, May 17, 2022 4:42 PM
To: Chris E. O'Meara <comeara@ectinc.com>
Subject: Full ARC vote: ARC 2022 Budget Amendment for SPAC11

ARC Members,

The ARC has received an extension and budget amendment from EGLE for SPAC11 –RRAC 2020-2022 Support. The PAC grant was amended to add or continue tasks under RRAC business facilitation, fish and benthic monitoring and mapping Rouge projects as detailed in the attached budget amendment.

The attached ARC Budget Amendment to SPAC11 outlines the PAC activities which provides an additional \$33,500 to a total grant budget of \$128,500. This amendment also extends to grant to August 31, 2022. No match is required.

Also attached are the contract work order amendments to include the additional effort and budget for both ECT and Friends of the Rouge to continue the activities under the grant.

Please review and provide your yay or nay vote by Friday, May 20.

Thank you.

Chris O'Meara

ARC Staff
M: 734.740.5010
O: 734.272.0289

**Alliance of Rouge Communities
DRAFT 2022 Budget**

ORIGINALLY APPROVED: 11/18/2021
AMENDMENTS: 3/24/22, 7/25/22

2022 Anticipated Dues from Communities (\$343,539) and In-kind Services	\$373,539	TOTAL 2022 ARC FUNDING	\$539,476
Rollover funds from 2021 (estimate) ⁽³⁾	\$195,937	TOTAL 2022 OUTSIDE FUNDING	\$5,356,694
Total ARC Dues Available	\$569,476	TOTAL 2022 FUNDING	\$5,896,170
2022 ARC Activities Budgeted	\$426,565	TOTAL 2022 ACTIVITY COST (Committee & Grants)	\$5,753,259
2022 estimated balance (estimated 2023 rollover)	\$142,911	TOTAL 2022 ESTIMATED BALANCE (ALL SOURCES)	\$142,911

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	Funding Source						"Provider" Using Budget (1)
		ARC Dues					Other Source/Match	
Organization Committee								
OC1 Executive Director Operational Services								
101-Program	\$ 60,000	\$ 60,000						ED
102-Management	\$ 58,000	\$ 58,000						ED
103-Fundraising	\$ 12,295	\$ 12,295						ED
ARC Operations - Direct Expenses	\$ 1,750	\$ 1,750						ARC
Organization Committee Total	\$ 132,045	\$ 132,045						
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	\$ 155,045	\$ 155,045						
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	\$ 12,500	\$ 12,500						ARC/SEMCOG
PIE2 Collaborative PEP/PPP -5yr Permit Cycle activities	\$ 17,920	\$ 17,920						ED
Permit Cycle Support	\$ 28,360	\$ 28,360						ED/ARC/FOTR
PIE Committee Total	\$ 98,560	\$ 98,560					\$ -	
Technical Committee								
TC1 Collaborative IDEP/TMDL annual permit activities	\$ 20,800	\$ 20,800						ED
IDEP Investigation	\$ 70,000	\$ 40,000					\$ 30,000	ED/WC
TC2 Storm Sewer GIS/Facility Dye Testing/Reporting	\$ 16,160	\$ 16,160						ED
TC3 TMDL Sampling	\$ 66,000	\$ 66,000						ED
Technical Committee Total	\$ 172,960	\$ 142,960	\$ -	\$ -	\$ -	\$ -	\$ 30,000	
Total Amount Requested by All Committees	\$ 426,565	\$ 396,565	\$ -	\$ -	\$ -	\$ -	\$ 30,000	
Grants (2)								
	Activity Cost	ARC Match Dues	SPAC or State	USFS	EPA	Wayne County	Other Source/Match	Outside Funding
SPAC11	RRAC – Facilitation, habitat & fish thru 8/31/22 (total award \$128,500)	\$76,500	\$0	\$76,500				
WCEPA1	HFE Dam Fishway Implementation thru 9/23/23 (total authorized \$493,000)	\$77,000	\$0			\$77,000		
EPA4	Rouge AOC Habitat Restoration Implementaion - Tamarack/Johnson thru 4/01/23 (total award \$3,367,559)	\$1,167,559	\$0		\$1,167,559			
EPA5	Rouge AOC Seeley Creek Habitat Restoration thru 9/30/23 (total award \$815,000)	\$110,500	\$0		\$110,500			
EPA6 (A&B)	Rouge River AOC Colonial & Venoy Habitat Restoration thru 5/14/22 (total award \$1,834,000)	\$254,000	\$0		\$254,000			
EPA7	Rouge River AOC Habitat Restoration Implementation - Wayne Co. Parkland thru 12/31/23 (total award \$4,222,090)	\$2,950,590	\$0		\$2,950,590			
EPA8	Rouge River AOC Habitat Restoration Design - LTU Wetland Habitat thru 9/30/22 (total award \$125,000)	\$50,000	\$0		\$50,000			
EPA9	Rouge River AOC Habitat Restoration Design - Wilcox/Phoenix/Inkster Habitat thru 2/3/23 (total award \$785,100)	\$560,100	\$0		\$560,100			
FS4	USDA FS Reducing Runoff in the Rouge River AOC thru 9/30/22 (total award \$261,780 & inkind match \$65,445)	\$65,445	\$0	\$49,083			\$16,362	FOTR, ARC community provided match
GLWA1	GLWA Regional Investigational Monitoring Work Plan for Southeast Michigan thru 2022 (total award \$40,000)	\$15,000	\$0	\$15,000				
Total Other Grants:	\$5,326,694	\$0		\$91,500	\$49,083	\$5,092,749	\$77,000	\$16,362
TOTAL OUTSIDE FUNDING				\$91,500	\$49,083	\$5,092,749	\$77,000	\$46,362

TOTAL ARC DUES AND IN-KIND SERVICES AVAILABLE	\$569,476
TOTAL ACTIVITIES BUDGETED	\$426,565
Available Unallocated ARC Budget (total income minus total ARC Dues budget)	\$ 142,911

- 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 5/17/22 - SPAC11 extension to 8/31/22 and adds an additional \$33,500 for total grant of \$128,500
- FC2 DRAFT 7/25/22 - WCEPA1 increases budget by \$77,000 for total authorized amount of \$493,000 with extended end date of 9/23/23



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2022 BUDGET AMENDMENT: Finance Committee Amendment 2

REQUEST DATE: July 7, 2022

LINE ITEM: WCEPA1 Henry Ford Estate Dam Fishway Implementation Restoration Project

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: Wayne County has received a single grant from EPA to provide work for three of the Rouge River AOC listed habitat projects. Two of these projects are continuation of ARC NOAA grant projects: Rouge Oxbow Phase 3 – Design and Henry Ford Estate Dam Fish Passage Design. Wayne County has written the ARC in as a grant partner for these two grant projects. Wayne County has all of the grant documentation ready to send to the ARC for finalization (WC Commission formally accepted Amendment June 7, 2022). This budget request is for one of the projects - Henry Ford Estate Dam Fishway Implementation Restoration Project. **The total compensation for this scope of services is increased by \$77,000 from \$416,000 to \$493,000. The ARC will be reimbursed by Wayne County for 100% of this cost.** The scope of work was also extended until September 23, 2023. The construction, once implemented, would positively impact 50 main and 108 tributary river miles for fish migration to the Great Lakes system for the first time in over a century.

DESCRIPTION OF ANTICIPATED ACTIVITIES: A natural channel fishway will be constructed to design specifications and permit conditions to allow fish to bypass the Henry Ford Estate Dam. The project activities strives to not only pass a diversity of fish species at varying life stages in the most efficient manner possible over the widest range of flow conditions possible, but also to provide suitable aquatic habitat for many of the organisms that live in the river. The construction of this fish passage is simple and ecologically minded. It will achieve a good fit with the natural riverine floodplain aesthetics. Additionally, for the fishway's long-term sustainability maintenance access will be constructed. Task summaries below provide the activities required in order to achieve the project objectives.

Task 1. Grant Reporting/Administration/Public Outreach

This task includes the following elements associated with the overall grant and projects that will be completed by primarily Wayne County with assistance from the ARC staff:

- Perform 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.
- Public Outreach - The ARC will be posting information related to the all projects under this grant on the ARC web site and informational flyers will be distributed to interested organizations and the public at large.

Task 2. Contract Documents

The design plans and technical specifications developed under the previous NOAA Grant for the HFE Fishway to the ARC will be finalized in the contract bid documents. QAPPs for HFE Dam Fishway will be completed.

The ARC, as Engineer of Record, for the continuing HFE Fishway Project will assist the bidding processes by attending the pre-bid meetings, answering questions/providing clarifications to bidders, drafting addendum as needed, evaluating bids submitted and providing a recommendation to Wayne County for contractor selection. This task will include the following subtasks to aid the in the procurement of a qualified contractor.

- Prepare for a Pre-Bid Meeting, to include a site field trip;
- Respond to questions for clarification on the contract documents;
- Prepare, as needed, Addendum for the bid process;
- Review/analysis of Contractor's bids;
- Provide Engineer's Recommendation for contractor selection; and
- Budget vs. Bid analysis and site recommendations;

Task 3. Construction Oversight

The contractor selected will complete the construction in accordance with the construction documents under Wayne County's administration. The ARC, as Engineer of Record, for the continuation of the HFE Dam Fishway will provide construction oversight with assistance from Wayne County during construction for those projects. Quantitative and qualitative measures will be employed to track progress in both project implementation and to assess project results.

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 bi-weekly construction site meetings;
- Review and approve shop drawings and submittals;
- Assist in resolution of issues that arise during construction of the project;
- Provide daily 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;
- Conduct review of all soil erosion and sedimentation control devices for proper maintenance and effectiveness as placed;
- 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;
- 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; and

Construction Administration

Contract 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 make recommendations on Contractor construction estimates;
- Generate Monthly Construction Progress Summaries;
- Track and maintain status of miscellaneous submittals and Requests for information;
- Review Contractor's final submission of "as-builts" plans for compliance with the specifications and the work complete.

ARC will support the additional activities associated with the HFE Fishway project:

- Contractor corrective action discussions/direction
- Activities outlined in the State of Michigan Department of Environment, Great Lakes, and Energy (EGLE) letter dated April 24, 2019.
- Correspondence and reporting with EGLE regarding site activities.
- Construction oversight associated with site corrective actions.

ARC will support the additional activities associated with:

- *Additional construction oversight/field engineering services for the construction of the Henry Ford Estate Dam Fishway, and*
- *Assist Wayne County in the EPA reporting requirements of the Grant.*
 - *3 Federal Financial Reports (FFR) draft reports: Wayne County will send to the ARC the grant draws so that the forms for 2021, 2022, 2023 can be completed. Wayne County will submit to EPA.*
 - *3 Disadvantage Business Enterprise (DBE) draft reports: the ARC staff will prepare the DBE forms for 2021, 2022, 2023. Wayne County will submit to EPA.*
 - *4 Semi-annuals: ARC will draft the reports (1 in 2022; 2 in 2023). Wayne County will provide any financial information required for the reporting and submit the semi-annual report to EPA.*
 - *1 Final Project report and support to Final Financial Close out report: ARC will draft the final technical report for submission to EPA by the Wayne County. ARC will provide one round of edits based on EPA comments provided on the draft for resubmission by Wayne County.*

RATIONALE: The 2022 budget must be adjusted to reflect this additional funding.

BUDGET: This amendment adds \$77,000 to the Wayne County EPA Rouge River AOC - Henry Ford Estate Dam Fishway Implementation (total award is \$493,000) budget line to the 2022 ARC Budget. No match is required.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: Work will be completed by the ARC Executive Director Staff.

Alliance of Rouge Communities
Revision 3 ECT-ARC 2013 Contract Appendix M
Scope of Services for WCEPA1
Henry Ford Estate Dam Fishway Implementation Restoration Project

Environmental Consulting & Technology, Inc.
December 1, 2016 to October 31, 2023

The total compensation for this scope of services (additional scope in bold/italics) is increased by \$77,000 from \$416,000 to \$493,000 (overall IAA amendment with WC increase to 740,000). The ARC will be reimbursed by Wayne County for 100% of this cost.

Project

A natural channel fishway will be constructed to design specifications and permit conditions to allow fish to bypass the Henry Ford Estate Dam. The project activities strives to not only pass a diversity of fish species at varying life stages in the most efficient manner possible over the widest range of flow conditions possible, but also to provide suitable aquatic habitat for many of the organisms that live in the river. The construction of this fish passage is simple and ecologically minded. It will achieve a good fit with the natural riverine floodplain aesthetics. Additionally, for the fishway's long-term sustainability maintenance access will be constructed Task summaries below provide the activities required in order to achieve the project objectives. The scope of work was also extended until September 23, 2023.

Project Tasks

Task 1. Grant Reporting/Administration/Public Outreach

This task includes the following elements associated with the overall grant and projects that will be completed by primarily Wayne County with assistance from the ARC staff:

- Perform 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.
- Public Outreach - The ARC will be posting information related to the all projects under this grant on the ARC web site and informational flyers will be distributed to interested organizations and the public at large.

Task 2. Contract Documents

The design plans and technical specifications developed under the previous NOAA Grant for the HFE Fishway to the ARC will be finalized into contract bid documents. As Engineer of Record, for the continuing HFE Fishway Project ECT will assist the bidding processes by attending the pre-bid meetings, answering questions/providing clarifications to bidders, drafting addendum as needed, evaluating bids submitted and providing a recommendation to Wayne County for contractor selection. This task will include the following subtasks to aid the in the procurement of a qualified contractor.

- Prepare for a Pre-Bid Meeting, to include a site field trip;
- Respond to questions for clarification on the contract documents;
- Prepare, as needed, Addendum for the bid process;
- Review/analysis of Contractor's bids;
- Provide Engineer's Recommendation for contractor selection; and
- Budget vs. Bid analysis and site recommendations;

Task 3. Construction Oversight

The contractor selected will complete the construction in accordance with the construction documents under Wayne County's administration. As Engineer of Record, for the continuation of the HFE Dam Fishway ECT will provide construction oversight with assistance from Wayne County during construction for those projects. Quantitative and qualitative measures will be employed to track progress in both project implementation and to assess project results.

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 bi-weekly construction site meetings;
- Review and approve shop drawings and submittals;
- Assist in resolution of issues that arise during construction of the project;
- Provide daily 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;
- Conduct review of all soil erosion and sedimentation control devices for proper maintenance and effectiveness as placed;
- 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;
- 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; and

Construction Administration

Contract 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 make recommendations on Contractor construction estimates;
- Generate Monthly Construction Progress Summaries;
- Track and maintain status of miscellaneous submittals and Requests for information;
- Review Contractor's final submission of "as-builts" plans for compliance with the specifications and the work complete.

ECT will support the additional activities associated with the HFE Fishway project:

- Contractor corrective action discussions/direction

- Activities outlined in the State of Michigan Department of Environment, Great Lakes, and Energy (EGLE) letter dated April 24, 2019.
- Correspondence and reporting with EGLE regarding site activities.
- Construction oversight associated with site corrective actions.

ECT will support the additional activities associated with:

- ***Additional construction oversight/field engineering services for the construction of the Henry Ford Estate Dam Fishway, and***
- ***Assist Wayne County in the EPA reporting requirements of the Grant.***
 - ***3 Federal Financial Reports (FFR) draft reports: Wayne County will send to the ARC the grant draws so that the forms for 2021, 2022, 2023 can be completed. Wayne County will submit to EPA.***
 - ***3 Disadvantage Business Enterprise (DBE) draft reports: the ARC staff will prepare the DBE forms for 2021, 2022, 2023. Wayne County will submit to EPA.***
 - ***4 Semi-annuals: ARC will draft the reports (1 in 2022; 2 in 2023). Wayne County will provide any financial information required for the reporting and submit the semi-annual report to EPA.***
 - ***1 Final Project report and support to Final Financial Close out report: ARC will draft the final technical report for submission to EPA by the Wayne County. ARC will provide one round of edits based on EPA comments provided on the draft for resubmission by Wayne County.***