



Working together, restoring the river

Annette DeMaria, P.E., PMP  
Executive Director

## DRAFT AGENDA EXECUTIVE COMMITTEE MEETING

March 21, 2022, 1:00 p.m.

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Or call in +1 352-374-3246 ID: 842 902 597#

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

<i>Alliance of Rouge Communities</i> <i>Executive Committee</i>		
<b>Officers</b>		
<b>Chair</b>	Doug Moore	Livonia
<b>Vice-Chair</b>	Charles Markus	Bloomfield Twp.
<b>Treasurer</b>	Rebecca Runkel	Novi
<b>Past Chair</b>	Brandy Siedlaczek	Southfield
<b>Counties</b>		
<b>Oakland Co. – Rep.</b>	Jim Nash	OCWRC
<b>Oakland Co. – Alt.</b>	Jacy Garrison	OCWRC
<b>Washtenaw Co.- Rep.</b>	Evan Pratt	WCWRC
<b>Washtenaw Co.- Alt.</b>	Heather Rice	WCWRC
<b>Wayne Co. - Rep.</b>	Noel Mullett	WCDPS
<b>Wayne Co. - Alt.</b>	Vacant	WCDPS
<b>SWAGs</b>		
<b>Main 1 &amp; 2 - Rep.</b>	Brandy Siedlaczek	Southfield
<b>Main 1 &amp; 2 - Alt.</b>	Olivia Olsztyn-Budry	Bloomfield Twp.
<b>Main 3 &amp; 4 - Rep.</b>	Paul Horen	Redford Twp.
<b>Main 3 &amp; 4 - Alt.</b>	Vacant	
<b>Upper - Rep.</b>	Karen Mondora	Farmington Hills
<b>Upper - Alt.</b>	Trisha Gabriel	Livonia
<b>Middle 1 - Rep.</b>	Bob Belair	Northville Twp.
<b>Middle 1 - Alt.</b>	Rebecca Runkel	Novi
<b>Middle 3 - Rep.</b>	Ramzi El-Gharib	Westland
<b>Middle 3 - Alt.</b>	<i>vacant</i>	<i>vacant</i>
<b>Lower 1 - Rep.</b>	John Selmi	Canton Twp.
<b>Lower 1 – Alt.</b>	Vacant	
<b>Lower 2 - Rep.</b>	Mike Buiten	Wayne
<b>Lower 2 - Alt.</b>	Jerome Bivins	Inkster
<b>Lower 2 – Alt.</b>	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 November 9, 2021 Executive Committee Meeting** Action
5. **Executive Director Report (ARC Staff)**
  - A. **2021 Executive Director's Annual Report** Information
  - B. MS4 2020-2021 Progress Reports
  - C. ARC Collaborative PPP, PEP and IDEP Progress Reports Information
  - D. Rouge Rescue Feedback Information
  - C. Grant Report Information
6. **Standing Committee Reports**
  - A. **Finance Committee (Runkel, Treasurer/C. O'Meara)**
    1. A/P, A/R & Profit/Loss Report Information
    2. 2021 Audit Information
    3. 2023 Estimated Dues with Census data Information
    4. Ratify E-mail Votes Action
      - a. 3/7/22: 9 yay 0 nay - 2022 Contract award to Anglin Civil, LLC in the amount of \$537,184.63 for work under the GLRI Grant: Sherwood Park Habitat Restoration Project (GLRI Grant Number GL - 00E02896)
      - b. 3/14/22: 12 yay 0 nay - ECT 2019 Contract Work Order No. 2019-4 EPA TAM/JC2 of \$78,421 to a not to exceed upper limit of \$520,780 (GL-00E02478)
    5. 2022 Contract award to Anglin Civil, LLC in the amount of \$1,288,500.75 for work under the GLRI Grant: Bell and Lola Parks Habitat Restoration Project (GLRI Grant Number GL - 00E02896) Action
    6. ECT 2013 Contract Amendment Action
      - a. Revision 2 ECT-ARC 2013 Contract Appendix M no-cost, time ext.
  - B. **Organization Committee (Mullett/C. O'Meara)**
  - 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**
9. **Summary of Executive Committee Actions (Newsome)**
10. **Upcoming Meetings**
11. **Adjourn**

## **ONGOING ARC GRANT PROJECTS STATUS – 3/20/2022**

### **EPA Wayne County Rouge AOC Habitat Projects**

- **Henry Ford Estate Dam Fish Passage**
  - Contractor is conducting vegetation maintenance. Lowering of the water control will take place over the next two summers. With partial opening this July.
  - 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.

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

- **Johnson Creek Fish Hatchery Restoration**
  - Contractor working vegetation maintenance for 2022
- **Tamarack Creek Restoration**
  - Contractor will be performing final work and vegetation maintenance in 2022

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

- Coordination with Oakland County for Contract Document Approval and easement development
- Anticipated bidding spring 2022
- Requested no-cost grant extension from EPA to extend grant from October 2021 until September 2023

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

- Development an electronic project mapping AOC projects
- RRAC meetings held November 2, 2021, and January 11, 2022
- EGLE extended the grant until March 31, 2022

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

All work required by the ARC has been completed. Wayne County is writing their final report on the grant.

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

- Bidding completed
- Construction to begin spring 2022

### **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)

- Lower Rouge Reforestation: construction to begin spring 2022
- Lower Rouge Log Jams: construction underway
- Sherwood: bidding complete; construction to begin spring 2022
- Bell and Lola: bidding complete; construction to begin spring 2022
- Riverview: bidding anticipated fall 2022

### **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.

- Communities in process of acquiring trees for planting
- Green Infrastructure design and implementation underway

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

GLRI grant to design a wetland system on Lawrence Technological University's campus. The design is being developed in collaboration with LTU.

- Design underway

### **GRANTS AWARDED**

#### **Rouge River AOC Habitat Restoration – Wilcox/ Phoenix/ Inkster Habitat Design (\$785,100)**

EPA has awarded a GLRI grant to the ARC to provide restoration designs for habitat at Wilcox Lake, Phoenix Lake and Inkster Park. These activities when implemented will result in restoration/enhancements to 16.5 acres of habitat, which includes lake, wetland/wet meadow, and riparian areas.

- Field work has begun
- Design is underway

**Regional Investigational Monitoring Work Plan for Southeast Michigan (\$40,000)** - The GLWA was awarded funding in Summer 2021 and GLWA has asked ARC to complete the development of a work plan framework to conduct investigational monitoring in the GLWA wastewater service area to identify stream segments that are being impacted by sewage sources.

### **SUBMITTED GRANTS**

**EGLE NPS Middle Rouge River Daylighting Design (\$40,000) - NOT AWARDED**

**EGLE NPS Johnson Creek Subwatershed Action Plan (\$60,000 - \$54,000 Grant/\$6,000 match) – NOT AWARDED**

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03/18/22

**Alliance of Rouge Communities**  
**A/P Aging Summary**  
As of March 18, 2022

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Anglin Civil	0.00	51,422.49	0.00	0.00	0.00	51,422.49
Environmental Consulting & Technology, In	92,227.32	0.00	47.50	0.00	0.00	92,274.82
Friends of the Rouge	0.00	10,000.00	0.00	0.00	0.00	10,000.00
Inland Lakes Landscaping Corp.	0.00	113,010.50	0.00	0.00	0.00	113,010.50
Loco Promos Inc.	0.00	5,650.25	0.00	0.00	0.00	5,650.25
<b>TOTAL</b>	<b><u>92,227.32</u></b>	<b><u>180,083.24</u></b>	<b><u>47.50</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>272,358.06</u></b>

**Alliance of Rouge Communities**  
**A/R Aging Summary**  
As of March 18, 2022

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	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Bloomfield Township	20,559.00	0.00	0.00	0.00	0.00	20,559.00
Canton Township	35,456.00	0.00	0.00	0.00	0.00	35,456.00
EGLE - PAC grant	6,452.50	0.00	9,886.26	0.00	0.00	16,338.76
EPA-ASAP	226,125.73	0.00	0.00	0.00	0.00	226,125.73
GLWA	7,797.50	0.00	0.00	0.00	0.00	7,797.50
Livonia	37,022.00	0.00	0.00	0.00	0.00	37,022.00
MDEQ SAW Grant	0.00	0.00	0.00	0.00	0.00	0.00
Melvindale	3,414.00	0.00	0.00	0.00	0.00	3,414.00
Redford Township	15,082.00	0.00	0.00	0.00	0.00	15,082.00
USDA Forest Service	90.00	0.00	0.00	0.00	0.00	90.00
West Bloomfield Township	15,970.00	0.00	0.00	0.00	0.00	15,970.00
<b>TOTAL</b>	<b><u>367,968.73</u></b>	<b><u>0.00</u></b>	<b><u>9,886.26</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>377,854.99</u></b>

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

	Jan - Dec 22	Budget
<b>Ordinary Income/Expense</b>		
<b>Income</b>		
47200 · Program Income		
4792 · 2022 ARC Membership Dues	177,025.00	343,539.00
<b>Total 47200 · Program Income</b>	<b>177,025.00</b>	<b>343,539.00</b>
47500 · Contributions		
11501 · FS4 20-22 Reduce Runoff match	0.00	16,362.00
47500.1 · Contributions-Donated Service	0.00	30,000.00
<b>Total 47500 · Contributions</b>	<b>0.00</b>	<b>46,362.00</b>
48000 · Grants		
48908 · NOAA3-HFE Dam Fish Passage	0.00	500.00
48913 · EGLE PAC Supt 11 RRAC Fac 20-22	6,452.50	43,000.00
60667.1 · EPA4-Implement Tam/Johnson Crk	59,590.23	1,167,559.00
60667.2 · EPA5-Seeley Creek Hab Res	0.00	110,500.00
60667.3 · EPA6A-RR AOC Venoy	2,040.00	127,000.00
60667.4 · EPA6B-RR AOC Colonial	2,040.00	127,000.00
60667.5 · EPA7-WC 5 Parks Implementation	127,949.25	2,950,590.00
60670 · FS4 20-22 Reduce Runoff	90.00	49,083.00
60671 · EPA8 LTU Wetland Design	450.00	50,000.00
60672 · EPA9 - Wil/Pho/Ink Design	34,056.25	560,100.00
60673 · GLWA1	7,797.50	15,000.00
<b>Total 48000 · Grants</b>	<b>240,465.73</b>	<b>5,200,332.00</b>
<b>Total Income</b>	<b>417,490.73</b>	<b>5,590,233.00</b>
<b>Expense</b>		
60400 · ARC Awards and Grants		
60410 · Executive Director Services		
60410.2 · 101 Program Support	4,200.00	60,000.00
60410.3 · 102 MGT Admin & Financial	3,335.00	58,000.00
60410.4 · 103 Funding - grants	1,680.00	12,295.00
<b>Total 60410 · Executive Director Services</b>	<b>9,215.00</b>	<b>130,295.00</b>
60420 · Public Involv. & Education Com.		
60420.1 · PIE1-Col PEP/PPP Annual act.	16,489.83	52,280.00
60420.2 · PIE2-Col PEP/PPP 5yr activities	1,695.00	46,280.00
<b>Total 60420 · Public Involv. &amp; Education Com.</b>	<b>18,184.83</b>	<b>98,560.00</b>
60430 · Technical Committee		
60430.5 · IDEP Investigations	420.00	
60432.1 · TC1-Col IDEP/TMDL annual	1,015.00	90,800.00
60432.2 · TC2-Col IDEP/TMDL 5yr	3,010.00	16,160.00
60432.3 · TC3-5 yr large scale outfall	0.00	66,000.00
<b>Total 60430 · Technical Committee</b>	<b>4,445.00</b>	<b>172,960.00</b>
<b>Total 60400 · ARC Awards and Grants</b>	<b>31,844.83</b>	<b>401,815.00</b>
604608 · SPAC11 RRAC Facilitation 2020	6,452.50	43,000.00
606651 · WC EPA1 HFE Fishway	0.00	500.00
606655 · EPA5-Seeley Creek Hab Restor.	0.00	110,500.00
606656 · EPA4-Implement Tam/Johnson Crk	59,590.23	1,167,559.00
606658 · EPA6A-RR AOC Venoy	2,040.00	127,000.00
606659 · EPA6B-RR AOC Colonial	2,040.00	127,000.00
606660 · EPA7 WC 5 Park Implementation	127,949.25	2,950,590.00
606661 · FS4 20-22 Reduce Runoff	90.00	65,445.00
606662 · EPA8 LTU Wetland Design	450.00	50,000.00
606663 · EPA9 - Wil/Phoe/Ink Design	34,056.25	560,100.00
606664 · GLWA1 - Investigational monitor	7,797.50	15,000.00

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Accrual Basis

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

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	Jan - Dec 22	Budget
<b>62100 · Contract Services</b>		
62110 · FC1-Accounting Fees	0.00	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
<b>Total 62100 · Contract Services</b>	1,042.00	24,750.00
<b>Total Expense</b>	273,352.56	5,643,259.00
<b>Net Ordinary Income</b>	144,138.17	-53,026.00
<b>Net Income</b>	<b>144,138.17</b>	<b>-53,026.00</b>



**2023 Dues**

2020 Cost	2020 Member Voting Shares	Co. Watershed Area (Acres)
Weighted \$344,425[14]	[8] [9]	[12]
\$0	0	
\$36,693	49	
\$0	0	
\$12,028	16	
\$8,201	11	
\$7,425	10	
\$36,510	49	
\$3,728	5	
\$2,196	3	
\$14,002	19	
\$2,911	4	
\$13,485	18	
\$15,191	20	
\$2,781	4	
\$8,694	12	
\$6,375	8	
\$25,823	34	
	32	176,099
\$368	0	
\$3,733	5	
\$834	1	
\$4,210	6	
\$3,311	4	
\$20,982	28	
\$725	1	
\$3,557	5	
\$32,962	44	
\$1,953	3	
\$1,548	2	
\$23,047	31	
\$0	0	
\$2,530	3	
\$23,881	32	
\$5,887	8	
\$991	1	
\$747	1	
	18	100,052
\$0	0	
\$0	0	
\$16,767	22	
\$196	1	
\$152	1	
\$994	1	
\$997	1	
\$997	1	
\$3,002	4	22,275
<b>\$350,415</b>	<b>518</b>	<b>298,426</b>

2022 dues	change in dues from 2022 to 2023 with 2% increase and census update
Allen Park*	out
Canton Twp.	\$1,237
Dearborn	out
Dearborn Heights*	\$549
Garden City	(\$119)
Inkster*	\$71
Livonia	(\$512)
Melvindale*	\$314
Northville	\$14
Northville Twp.*	\$445
Plymouth	\$24
Plymouth Twp.	(\$2)
Redford Twp.	\$109
Romulus*	\$23
Van Buren Twp.*	\$54
Wayne*	(\$19)
Westland*	\$68
Auburn Hills*	\$22
Beverly Hills*	\$30
Bingham Farms	(\$2)
Birmingham*	\$165
Bloomfield Hills	\$6
Bloomfield Twp.*	\$423
Commerce Twp.*	\$12
Farmington	\$188
Farmington Hills	\$573
Franklin	\$7
Lathrup Village	(\$6)
Novi*	\$1,438
Pontiac*	out
Rochester Hills*	\$48
Southfield*	\$574
Troy*	\$157
Walled Lake*	\$11
Wixom*	\$52
Superior Twp.*	out
Ypsilanti Twp.*	out
West Bloomfield Twp.*	\$797
Oak Park*	(\$1)
Orchard Lake*	(\$0)
HFCC	\$20
Schoolcraft	\$23
UMD	\$23
WCAA	\$59

expected 2023 dues with 2% increase & 2020 census population update

\*Communities with a portion of land outside the Rouge watershed

APPENDIX D

Eligible Primary Members of Alliance of Rouge Communities (ARC)

2014 Dues 2015 Dues 2023 Dues

Table with columns: Community/County, 2000 Total Population, 2010 Total Population, Percent change in population from 2000 to 2010, Percent change in population from 2010 to 2020, 2000 Watershed Area (Acres), 2010 Watershed Area (Acres), 2020 Watershed Area (Acres), 2000 % Watershed Area, 2010 % Watershed Area, 2020 % Watershed Area, 2000 Watershed Population, Change in 2010 Watershed Population, 2010 Watershed Population, Change in 2020 Watershed Population, 2000 % Watershed Population, 2010 % Watershed Population, 2020 % Watershed Population, 2000 Weighted % Area & % Population, 2010 Weighted % Area & % Population, 2020 Weighted % Area & % Population, 2000 Cost, 2010 Cost, 2020 Cost, 2020 Member Voting Shares, Co. Watershed Area (Acres). Includes rows for Allen Park, Canton Twp, Dearborn, Dearborn Heights, Garden City, Inkster, Livonia, Metropolitan, Northville, Northville Twp., Plymouth, Plymouth Twp., Redford Twp., Romulus, Van Buren Twp., Wayne, Westland, Wayne County, Auburn Hills, Beverly Hills, Bingham Farms, Birmingham, Bloomfield Hills, Bloomfield Twp., Commerce Twp., Farmington, Farmington Hills, Franklin, Lathrup Village, Novi, Pontiac, Rochester Hills, Southfield, Troy, Walled Lake, Wixom, Oakland County, Superior Twp., Ypsilanti Twp., West Bloomfield Twp., Oak Park, Orchard Lake, Henry Ford Community College, Schoolcraft College, University of Michigan-Dearborn, Washtenaw County, and All ARC Members.

change in dues from 2022 to 2023 +2% increase

Summary table with columns: 2022 dues, 2023 dues. Rows for various communities like Allen Park, Canton Twp., Dearborn, Dearborn Heights, Garden City, Inkster, Livonia, Metropolitan, Northville, Northville Twp., Plymouth, Plymouth Twp., Redford Twp., Romulus, Van Buren Twp., Wayne, Westland, Auburn Hills, Beverly Hills, Bingham Farms, Birmingham, Bloomfield Hills, Bloomfield Twp., Commerce Twp., Farmington, Farmington Hills, Franklin, Lathrup Village, Novi, Pontiac, Rochester Hills, Southfield, Troy, Walled Lake, Wixom, Superior Twp., Ypsilanti Twp., West Bloomfield Twp., Oak Park, Orchard Lake, Henry Ford Community College, Schoolcraft College, University of Michigan-Dearborn, Washtenaw County, and WCAA.

Using 2019 estimate because 2020 census population not available yet

expected 2023 dues with 2% increase

Table with columns: Community/County, 2000 Total Population, Total Population 2010, 2010 Population Density per sq. mile, 2000 Watershed Area (Acres), 2010 Watershed Area (Acres), 2000 % Watershed Area, 2010 % Watershed Area, 2000 Watershed Population, Change in 2010 Watershed Population, 2010 Watershed Population, 2000 % Watershed Population, 2010 % Watershed Population, 2000 Weighted % Area & % Population, 2010 Weighted % Area & % Population, 2000 Cost/\$297,503 Weighted, 2010 Cost/\$298,523 Weighted. Includes rows for Detroit, Ecorse, Highland Park, Lyon Twp., River Rouge, Salem Twp., and Potential Total Additions.

Key to Notations for APPENDIX B Tables

- [1] Communities/County that Signed August 2003 Memorandum of Agreement forming the Rouge River Watershed Local Management Assembly (Rouge Assembly)
[2] Community Acres within Rouge River Watershed. RPO Data Base
[3] Community Population within Rouge River Watershed. 2000 Census Data (SEMOG/RPO)
[4] Percent Land Area within Rouge River Watershed Compared to Total within Watershed
[5] Percent of Population within Watershed Compared to Total Population within Watershed
[6] Percent Land Area Plus Percent Population Divided by Two (i.e., equal weight to each factor)
[7] Total \$297,503 Assessed - Equal Weight Given to Population and Land Area Within Watershed
[8] Community Shares = Assessment Divided by \$750 Rounded to the Nearest Whole Number
[9] County Shares = 12% of Total Shares -- Allocated Based on % County Land Area in Watershed
[10] Rouge Watershed Communities Who Did Not Sign August 2003 Memorandum of Agreement forming the Rouge River Watershed Local Management Assembly Rouge Assembly
[11] Limited to No More Than 15% of Total Assessment of All Other Primary Members
[12] Includes All County Land Area Within the Watershed - Community Total Membership Land Area in County May Be Less
[13] 271,897 is determined by adding all dues collected for 2014 including Inkster. This does not include the \$750 for HFCC or \$750 for WCAA
[14] 344,425 is determined by adding all dues collected for 2022 and including a 2% dues increase for 2023. This does not include the \$994 for UMD, HFCC, Schoolcraft or the \$3,002 for WCAA
\* Indicates Communities with Some Portion of Land Area Outside of the Rouge River Watershed

Via email  
February 24, 2021

Mr. Doug Moore – Chairperson  
Mr. Bob Belair, P.E. – Grants Coordinator  
Ms. Brandy Siedlaczek – Past Chair/EPA Grant GL - 00E02896  
Alliance of Rouge Communities

RE: EPA Great Lakes Restoration Initiative (GLRI) Grant, GL - 00E02896  
Rouge River Area of Concern (AOC) Habitat Restoration:  
Rouge River AOC Habitat Restoration Implementation - Wayne County Parkland  
Sherwood Park Habitat Restoration - Construction Contractor Recommendation

Doug, Bob, and Brandy:

Environmental Consulting & Technology, Inc. (ECT), as the Engineer, is recommending that the Alliance of Rouge Communities (ARC) award the Sherwood Park Habitat Restoration Project contract in the amount of \$537,184.63 to Anglin Civil, LLC (Anglin).

ECT has reviewed Anglin's bid and the other bids (total of 3 bids) of January 19, 2022. Anglin's bid was for \$537,185.36 but minor discrepancies in unit price conversion results in an actual calculated cost of \$537,184.63. These discrepancies did not result in any significant change to their bid or their status as the lowest bidder.

We have also reviewed Anglin's qualifications and found them to fulfill the requirements. We also just recently worked with them on the successful implementation of the ARC's Johnson Creek Fish Hatchery Restoration and Tamarack Creek Restoration projects. Additionally, the bid amount is within the grant construction dollars available under the EPA grant and therefore 100% grant funded.

Additionally, as you are aware the ARC and Wayne County have entered into an IAA to allow for any AOC Habitat projects that are on Wayne County Land to be completed. Wayne County is a signature to the Contractor Agreement in Acknowledgment form and the documents allow for the County to act should the need arise. The County may choose to add additional items to the Projects beyond the work required for the Habitat Restoration Grants, such as park amenities. These items will be paid for solely by the County should they choose to include them in the construction work. They have not chosen to add any work for this project.

Therefore, we find Anglin's bid acceptable and that they are qualified to complete the scope of work and are recommending the Contract be issued for the corrected value of \$537,184.63.

Sincerely,  
Environmental Consulting & Technology, Inc.



John O'Meara, P.E.  
Vice President/Principal Engineer



Alice Bailey, P.E.  
Senior Engineer

WORK ORDER No. 2019-4 EPA TAM/JC2 (Rev3 March 1, 2022)

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 \$78,421 from \$442,359 to \$520,780 as shown in revised estimated project budget table in Attachment A.

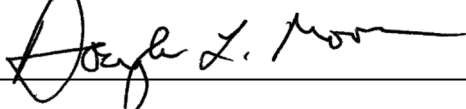
PARAGRAPH III--SCHEDULE

The services in this Work Order have been to be completed no later than September 30, 2023

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

By   
John O'Meara, P.E.  
Its Vice President  
Date 3/14/22

**ALLIANCE OF ROUGE COMMUNITIES**

By   
Doug Moore  
Title Chair  
Date 3/14/22

Via email  
March 18, 2022

Mr. Doug Moore – Chairperson  
Mr. Bob Belair, P.E. – Grants Coordinator  
Ms. Brandy Siedlaczek – Past Chair/EPA Grant GL - 00E02896  
Alliance of Rouge Communities

RE: EPA Great Lakes Restoration Initiative (GLRI) Grant, GL - 00E02896  
Rouge River Area of Concern (AOC) Habitat Restoration:  
Rouge River AOC Habitat Restoration Implementation - Wayne County Parkland  
Bell & Lola Parks Habitat Restoration - Construction Contractor Recommendation

Doug, Bob, and Brandy:

Environmental Consulting & Technology, Inc. (ECT), as the Engineer, is recommending that the Alliance of Rouge Communities (ARC) award the Bell and Lola Parks Habitat Restoration Project contract in the amount of \$1,288,500.75 to Anglin Civil, LLC (Anglin).

ECT has reviewed Anglin's bid and the other bids (total of 2 bids) of March 2, 2022. Anglin's bid was for \$1,288,438.91 but minor discrepancies in unit price conversion results in an actual calculated cost of \$1,288,500.75. These discrepancies did not result in any significant change to their bid or their status as the lowest bidder.

We have also reviewed Anglin's qualifications and found them to fulfill the requirements. We also just recently worked with them on the successful implementation of the ARC's Johnson Creek Fish Hatchery Restoration and Tamarack Creek Restoration projects. Additionally, the bid amount is within the grant construction dollars available under the EPA grant and therefore 100% grant funded.

Additionally, as you are aware the ARC and Wayne County have entered into an IAA to allow for any AOC Habitat projects that are on Wayne County Land to be completed. Wayne County is a signature to the Contractor Agreement in Acknowledgment form and the documents allow for the County to act should the need arise. The County may choose to add additional items to the Projects beyond the work required for the Habitat Restoration Grants, such as park amenities. These items will be paid for solely by the County should they choose to include them in the construction work. They have not chosen to add any work for this project at this time

Therefore, we find Anglin's bid acceptable and that they are qualified to complete the scope of work and are recommending the Contract be issued for the corrected value of \$1,288,500.75.

Sincerely,  
Environmental Consulting & Technology, Inc.



John O'Meara, P.E.  
Vice President/Principal Engineer



Alice Bailey, P.E.  
Senior Engineer

**Amendment 33 – Revision 2 to Appendix M to the 2013 Contract between Alliance of Rouge Communities (ARC) and Environmental Consulting & Technology, Inc.**

The original contract between the Alliance of Rouge Communities (ARC) and Environmental Consulting & Technology, Inc. (ECT) was dated December 18, 2012. This amendment will be effective upon Wayne County Commission approval. The original contract between the Alliance of Rouge Communities (ARC) and ECT was dated December 18, 2012. This amendment will extend the scope of work end date to October 31, 2023.

**This is a no-cost, time extension until October 31, 2023.**

Alliance of Rouge Communities

Environmental Consulting & Technology, Inc.

Printed/Typed Name: Doug Moore

Name: John O’Meara, P.E.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Title: Chair, ARC

Title: Vice-President, ECT

Date Signed \_\_\_\_\_

Date Signed \_\_\_\_\_

Alliance of Rouge Communities  
Revision 2 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 scope of work is extend until October 31, 2023.**

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.

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.*