



James W. Ridgway, P.E.  
Executive Director

**DRAFT AGENDA**  
March 23, 2017  
1:00 – 3:00 p.m.  
Romulus Athletic Center  
35765 Northline, Romulus

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  
Oakland County  
Oak Park  
Orchard Lake  
Plymouth  
Plymouth Twp.  
Redford Twp.  
Rochester Hills  
Romulus  
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  
Rouge River Advisory Council  
Southeastern Oakland  
County Water Authority  
The Henry Ford  
Wayne State University

|   |                    |             |
|---|--------------------|-------------|
| <b>1. Welcome</b> –Brandy Siedlaczek, Chair                             | <b>Information</b> | <b>Page</b> |
| a. Roll Call/Determination of Quorum                                    |                    |             |
| b. Introductions of ARC guests  |                    |             |
| c. Additions or changes to the Draft Meeting Agenda                     |                    |             |
| d. Approval of November 15, 2016 Meeting Summary                        | <b>Action</b>      | <b>1</b>    |
| e. Resolution   | <b>Action</b>      |             |
| <b>2. Executive Director Report</b> – ARC Staff                         |                    |             |
| a. Grant Status Report – J. O’Meara/A. DeMaria                          | <b>Information</b> | <b>14</b>   |
| b. 2016 Executive Director’s Annual Report                              | <b>Information</b> | <b>15</b>   |
| c. Call for Projects – J. O’Meara                                       | <b>Discussion</b>  |             |
| <b>3. Rouge River Fish Survey Results</b> – Sally Petrella, FOTR        | <b>Information</b> |             |
| <b>4. Treasurers/Finance Committee Report</b> – Jill Rickard, Treasurer |                    |             |
| a. 2017 Membership Dues   | <b>Information</b> |             |
| b. 2017 A/R & A/P Reports   | <b>Information</b> | <b>32</b>   |
| c. 2017 Budget Amendment – UPON GRANT AWARD                             |                    |             |
| i. FC1 – SPAC9 – Facilitation, Habitat & Fish Project                   | <b>Action</b>      | <b>35</b>   |
| d. 2013 ECT Contract Amendment – UPON GRANT AWARD                       |                    |             |
| i. Appendix O – SPAC9 – Facilitation, Habitat & Fish Project            | <b>Action</b>      | <b>37</b>   |
| <b>5. The Value of Trees</b> - Patrick Judd, ARC Staff                  | <b>Information</b> |             |
| <b>6. Standing Committee Reports</b> – Brandy Siedlaczek                |                    |             |
| a. Organization Committee Progress Report (K. Cave, Chair)              | <b>Information</b> |             |
| b. PIE Committee Progress Report (C. Markus, Chair)                     | <b>Information</b> |             |
| c. Technical Committee Progress Report (K. Mondora, Chair)              | <b>Information</b> |             |
| <b>7. Report from Cooperating Partners</b> – Brandy Siedlaczek          | <b>Information</b> |             |
| <b>8. Report from Counties</b> – Brandy Siedlaczek                      | <b>Information</b> |             |
| <b>9. Report from MDEQ</b> – Brandy Siedlaczek                          | <b>Information</b> |             |
| <b>10. Opportunity for Public Comment</b> – Brandy Siedlaczek           |                    |             |
| <b>11. Summary of Actions of Full Alliance</b> – Chris O’Meara          | <b>Information</b> |             |
| <b>12. Other Business</b>   |                    |             |
| <b>13. Adjourn</b>  | <b>Action</b>      |             |

*James W. Ridgway, P.E.*  
Executive Director



**DRAFT MEETING SUMMARY**  
**ALLIANCE OF ROUGE COMMUNITIES**  
**November 15, 2016, 1:00 p.m. – 3:00 p.m.**  
**Wixom City Hall**

**1. Welcome** (Brandy Siedlaczek, Chair)

**a. Roll Call /Determination of Quorum** - Roll call was taken. The 24 members listed below were in attendance, which was sufficient for a quorum.

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

**b. Introduction of ARC guests**

Brandy Siedlaczek, Chair, asked all guests in attendance to introduce themselves.

**c. Additions or Changes to the Draft Meeting Agenda**

There were no additions or changes to the draft agenda.

**d. Approval of July 13, 2016 Meeting Summary**

The motion was made by Kathryn Hagaman, Bingham Farms, to approve the July 13, 2016 meeting summary. It was seconded by Jill Rickard, Northville, and passed unanimously.

Cooperating Partners:

*Cranbrook Institute of Science*  
*Friends of the Rouge*  
*Rouge River Advisory Council*  
*Southeastern Oakland*  
*County Water Authority*  
*The Henry Ford*  
*Wayne State University*

**e. Resolution**

Brandy Siedlaczek announced the resolution prepared for Dean Tuomari who retired from Wayne County. She thanked him for his advocacy and dedication to the IDEP program which has assisted the ARC in accomplishing its objectives. The Alliance of Rouge Communities extends its gratitude to Dean and wishes him all the best in retirement.

**2. Executive Director Report**

**a. Grant Status Report**

John O'Meara, ARC Staff, gave the grant project status report.

**ONGOING GRANTS:**

FOTR-ARC Merger Investigation

FOTR is currently interviewing for a new Executive Director. The ARC merger team will have an internal discussion on the status and engage FOTR once a new director is selected.

Collaborative Invasive Species Control in Rouge and Detroit River AOC

The ARC has been attending the work group meetings and working on handouts for some of the trainings. The project is being led by Wayne County DPS. Wayne County reported that they have received a one year grant extension. Invasive species control sites includes less than 10 in the ADW and the rest are in the Rouge. The next coordination meeting is scheduled for January.

US Forestry Service 2014 Tree Grant

Communities finished tree installation and have provided their summaries. The ARC ran I-tree analysis for the project and completed the final report. Report will be submitted to USFS.

SAW Grant: Monitoring and Stormwater Management Planning

ARC staff has been communicating with MDEQ regarding the collaborative IDEP, PEP and PPP portions of the applications. ARC staff is working with USGS on establishing flow and dissolved oxygen monitoring station for 2017. Stormwater financing also began with request sent to ARC communities to seek out volunteers for pilots for data analysis and review of legislation under HB 5272 for potential to impact stormwater funding issues. Annette DeMaria stated that on the IDEP side they are asking for feedback from members where community staff can look for illicit discharges during regular municipal work and how they could track that activity

NOAA GLRI Habitat Restoration: Henry Ford Estate Dam Fish Passage (Design)

95% design plans are being completed. ARC hosted a project partners in mid-July. T&E, wetland, soil characterization, herps, and fish monitoring have all been completed. Grant has been extended to April 2017 to allow for geotech and design for long term maintenance access.

#### 2016 Rouge River Public Advisory Council (RRAC) Support

Grant has been awarded and initiated. Held RRAC meeting in September.

#### NOAA Regional Partnership

The ARC joined a partnership with Friends of Detroit River (FDR) NOAA Regional partnership grant in February 2016. FDR has been notified that we have received a NOAA partnership. The ARC is the supporting member for the Rouge AOC activities. The grant is for conducting listed habitat projects within the two AOCs as determined by EPA and NOAA. Work on potential Rouge projects would not possibly begin until late 2017.

#### EPA Wayne County Rouge AOC Habitat Projects

Wayne County has received a grant from EPA to complete three Rouge AOC habitat List projects, for which they are the majority landowner. The three are the Henry Ford Estate Dam Fishway, Rouge Oxbow Phase 3, and Nankin Lake Restoration. The ARC completed the design and permitting for both the Henry Ford Estate Dam Fishway and Rouge Oxbow Phase 3 and will continue its involvement by bid documents and construction oversight for the projects. Work is expected to begin at the end of this year.

### **GRANTS NOT AWARDED**

#### USFS Green Infrastructure Implementation

The ARC applied for a grant from the Forest Service to conduct maintenance and enhancement for green infrastructure sites within member communities. The grant for \$150,000 was not awarded to the ARC.

#### **b. Call for Projects**

John O'Meara asked members to forward any projects they may have in mind that ARC Staff can begin to research funding mechanisms.

### **3. Treasurers/Finance Committee Report (Bob Belair, Treasurer)**

#### **a. 2015 Audit**

Bob Belair reviewed the 2015 audit with no issues of non-compliance. The motion was made by Karen Mondora, Farmington Hills to accept the 2015 Audit and Financial Statement as presented by the Finance Committee. The motion was seconded by Charles Markus, Bloomfield Twp. and passed unanimously.

#### **b. 2016 A/R & Membership Dues**

Bob Belair reviewed the A/R report and the outstanding dues from Southfield and Melvindale.

#### **c. 2016 A/P Reports**

Bob Belair reviewed the accounts payables reports.

#### **d. 2016 Budget Amendment**

##### FC2-HFE Dam Fishway Implementation Project

Wayne County has received a single grant from EPA to provide work for three of the Rouge River AOC listed habitat projects, including the Henry Ford Estate Dam Fishway. Wayne County has written the ARC in as a grant partner for this project. Wayne County has the grant documentation ready to send to the ARC for finalization once the Commission formally accepts the grant. The total compensation for this scope of services

is \$296,000. The ARC will be reimbursed by Wayne County for 100% of this cost with no match requirement. This amendment adds the Wayne County EPA Rouge River AOC - Henry Ford Estate Dam Fishway Implementation (total award is \$296,000) budget line to the 2016 ARC Budget with funding anticipated for 2016 activities in the amount of \$16,000. The remaining amount of \$280,000 will be budgeted in the 2017 and 2018 budgets.

#### FC3 – Rouge Oxbow Restoration Phase 3 Project

Wayne County has received a single grant from EPA to provide work for three of the Rouge River AOC listed habitat projects including the Rouge Oxbow Restoration Phase 3. Wayne County has the grant documentation ready to send to the ARC for finalization once the Commission formally accepts the grant. The total compensation for this scope of services is \$247,000. This amendment adds the Wayne County EPA Rouge River AOC - Rouge Oxbow Phase 3 Restoration Project (total award is \$247,000) budget line to the 2016 ARC Budget with funding anticipated for 2016 activities in the amount of \$17,000. The remaining amount of \$230,000 will be budgeted in the 2017 and 2018 budgets. No match is required.

The motion was made by Jill Rickard, Northville Twp., to approve FC2 adding the WCEPA1 – HFE Dam Fishway Implementation Project and FC3 adding the WCEPA2 – Rouge Oxbow Restoration Phase 3 Project to the 2016 budget. The motion was seconded by Jacy Garrison, Oakland County, and passed unanimously.

#### **e. 2013 ECT Contract Amendment**

##### Revision 1 to ECT-ARC 2013 Contract, Appendix J

Bob Belair reviewed the revision to ECT's contract which includes a time extension on the NOAA Henry Ford Estate Fishway Design Project until April 30, 2017. This contract revision also increases ECT's budget by \$40,000 from \$285,000 to \$325,000. The dollars associated with this increase are provided for within the NOAA grant dollars. This is accomplished by a budget reduction Amendment to the ARC's IAA with Wayne County. During the conceptualization of the project and therefore the grant, it was not anticipated that structures would be needed for long-term maintenance access. Through the course of design it became apparent that access structures will be needed. In order to design these structures, geotechnical information is required from an area that has a tree canopy that could possibly provide habitat for Indiana Bats. As such, trees will need to be cleared to obtain the field information and this cannot be conducted until after October 1, 2016. Restrictions on tree clearing in areas of potential Indiana Bat habitat allow for clearing during the October 1-March 31 timeframe. This will push back the design documents and therefore the submittal of the MDEQ permit application. Allowing for the 90-120 day potential for the permit period the extension date was chosen. The funds will be used for the design of the long-term access bridge.

##### Appendix M – WCEPA1 – HFE Dam Fishway Implementation

Bob Belair reviewed this contract amendment which adds \$296,000.00 (of which \$16,000 is anticipated to be spent during the 2016 budget year) to ECT's 2013 Contract which was addressed in the 2016 budget amendment FC2. The ARC will be reimbursed by Wayne County for 100% of this cost.

#### Appendix N – WCEPA2 – Rouge Oxbow Restoration Phase 3

Bob Belair reviewed this contract amendment which adds \$247,000.00 (of which \$17,000 is anticipated to be spent during the 2016 budget year) to ECT's 2013 Contract which was addressed in the 2016 budget amendment FC3. The ARC will be reimbursed by Wayne County for 100% of this cost.

The motion was made by Mike Buiten, Wayne, to approve 2013 Contract Amendment Revision 1 and the addition of Appendix M – HFE Dam Fishway Implementation Project and Appendix N – Rouge Oxbow Restoration Phase 3. The motion was seconded by Charles Markus, Bloomfield Twp., and passed unanimously.

#### ECT 2013 Contract Extension

Bob Belair reviewed the second contract extension request by ECT which extends the 2013 contract to December 31, 2017. The current contract allows for the potential of up to three one-year extensions. This would be the second extension request. The motion was made by Michele Economou Ureste, West Bloomfield Twp., to approve a 1-year contract extension with ECT for services through December 31, 2017. The motion was seconded by Charles Markus, Bloomfield Twp., and passed unanimously.

#### **f. 2017 Budget Recommendations**

Bob Belair reviewed the 2017 ARC budget recommendations which included:

- **Executive Director Services (\$90,000)**
  - Support ARC meetings (Full, Executive, Finance, Technical and PIE)
  - Provide financial services
  - Provide administration and communication
  - Pursue grant opportunities
  - Provide FOIA and Open Meetings Act requirements
- **Accounting A133 Audit (\$20,000)**
- **Insurance requirements (\$1,500)**
- **Development of Public Education Materials (PIE1) (\$29,000)**
  - Create homeowner brochure
  - Create 2 new community articles for websites and newsletters
  - Selection and distribution of public education graphics
  - Website maintenance
  - Printing of materials for distribution to communities
- **Public Education Outreach (PIE1) (\$36,000)**
  - 2 septic workshops
  - 2 work days organized by FOTR
  - Provide support and materials to the Green Schools Program
  - Tree and native plant seedlings for events
  - FOTR activities report for use by communities
- **Rouge River Macroinvertebrate Monitoring (TC1) – used as SAW Match (\$58,500)**
- **IDEP Activities (TC2) (\$81,000)**
  - IDEP field investigation activities
  - Two IDEP Trainings

The motion was made by Kathryn Hagaman, Bingham Farms, to approve the 2017 ARC Budget Recommendations as presented by the Finance Committee. The motion was seconded by Karen Mondora, Farmington Hills, and passed unanimously.

#### 4. **Standing Committee Reports**

##### **a. Organization Committee** (Kelly Cave, Chair)

Chris O'Meara, ARC Staff, reported on behalf of Kelly Cave that the Organization Committee has nothing to report.

##### **b. PIE Committee**

Charles Markus, PIE Committee Chair, reported that the PIE committee will be distributing the last seasonal poster within the next week or two and the billboard campaign will go through the end of the year. The committee presented a septic systems workshop at Cranbrook which was well attended with at least 30 participants and we also did 4 workshops with FOTR on lawn care and pollinator gardens. We still have pet waste containers available for member communities. Several tree seedlings were coordinated for ARC member events. Charles reported that there will be a PIE meeting on December 6 at 1:00 p.m. at Bloomfield Twp. to review the Collaborative PEP comments received by MDEQ along with the expected 2017 activities.

##### **c. Technical Committee**

The IAAs for IDEP investigations in Wayne and Oakland have been signed with work focusing in Plymouth, Farmington, Bloomfield Twp. and Southfield.

##### **d. Nominations Committee**

Tim Faas reviewed the officer slate for 2017-2018 of Brandy Siedlaczek, Chair; Doug Moore, Vice-Chair; and Jill Rickard, Treasurer. He asked for any other recommendations from the floor. The motion was made by Mike Buiten, Wayne, to approve the 2017-2018 slate of Brandy Siedlaczek, Chair; Doug Moore, Vice-Chair; and Jill Rickard, Treasurer. The motion was seconded by Charles Markus, Bloomfield Twp., and passed unanimously.

#### 5. **Report from Cooperating Partners**

##### Cranbrook Institute of Science

Michele Arquette Palermo said she had nothing to report at this time.

##### Friends of the Rouge

Karen Hanna reported that the 2016 Rouge Rescue Report is available on the FOTR and ARC websites. The Board of Director's elections will be on December 14, if anyone is interested in serving see the FOTR website.

##### Rouge River Advisory Council

Bill Craig commented on the Great Lakes Restoration event that was hosted by the ARC at The Henry Ford on October 21. Bill stated that SPAC had a meeting and released the State water strategy and they are looking for feedback on it. He requested that a link be added on the ARC and RRAC website.

## 6. Report from Counties

Jacy Garrison, Oakland County, reported that the Stormwater Summit video will be available on the ARC website. The kid's calendar received 700 entries from 20 schools and is expected to be available in December. Oakland County continues to update their stormwater standards and hope to have a draft available by May, 2017 with the final in November. Jacy also stated that the IDEP training and was held on October 13 with 90 participants. Annette DeMaria added that because of the high demand for the IDEP training ARC staff will be looking at having 2 trainings in 2017 and the possibility of hosting a webinar training as well.

Heather Rice, Washtenaw County, reported that their stormwater rules were finalized on October 17, 2016 and they are now making updates to their permit application of 2013. She stated that they hope to have their permit later this year or early next year.

Noel Mullett, Wayne County, had nothing new to report.

## 7. Report from MDEQ

Andrew Bahrou reported that the MDEQ appreciates the preparation of the IDEP and PEP comments that the ARC is providing. He is focusing now on reviewing the Collaborative TMDL. He expressed that he is open to meeting to review and discuss any of the comments on the collaborative plans.

Andrew reviewed the NPS programs that are going on in Canton and Southfield. Both are working with SEMCOG for GI code updates for grant partnerships.

Andrew informed the Full ARC that SEMCOG and EPA are using the Pebble Creek Subwatershed Plan as a pilot subwatershed for targeting GI investment for stormwater.

## 8. Opportunity for Public Comment

Diane Weckerle, citizen, spoke about garnering public support regarding a hazardous waste plant in Detroit. She also informed the ARC about the MDEQ public comment period for Nestle Corporation's increase in white pines water withdrawal which ends December 23.

Annette DeMaria informed the ARC that both Southfield's Inglenook Park Storm Water project and Farmington Hills' Danvers Pond Dam Removal & Stream Restoration project won Keep Michigan Beautiful, Inc. 2016 Michigan Awards for outstanding contributions to beautification.

## 9. Summary of Actions of Full Alliance (Chris O'Meara, ARC staff)

- The July 13, 2016 meeting summary was approved.
- The 2015 Audit and Financial Statement was accepted.
- The 2016 budget amendment FC2-HFE Dam Fishway and FC3-Rouge Oxbow projects were approved.
- The 2013 ECT contract amendment Revision 1 and the addition of Appendix M-HFE Dam Fishway and Appendix N-Rouge Oxbow were approved.
- The 1-year contract extension with ECT through 12/31/17 was approved.
- The 2017 Budget Recommendations were approved.



- The 2017-2018 Officer slate of chair-Brandy Siedlaczek, vice-chair – Doug Moore and treasurer-Jill Rickard were approve.

**10. Other Business**

Gary Mekjian, Farmington Hills, asked for a brief update on the Stormwater Funding Bill.

**11. Adjourn**

The motion was made by Charles Markus, Bloomfield Twp., to adjourn the meeting. The motion was seconded by Karen Mondora, Farmington Hills, and passed unanimously.

# Alliance of Rouge Communities Attendance List

Meeting Date: 11/15/16

| Name             |          | Community                      | Attended                            | Initials   |
|------------------|----------|--------------------------------|-------------------------------------|------------|
|                  |          | Redford Township               | <input type="checkbox"/>            |            |
|                  |          |                                | <input type="checkbox"/>            |            |
| Akers            | Ron      | Van Buren Twp.                 | <input type="checkbox"/>            |            |
| Arquette-Palermo | Michele  | Cranbrook Institute of Science | <input checked="" type="checkbox"/> | <i>SP</i>  |
| Ballnik          | Dan      | RRAC                           | <input type="checkbox"/>            |            |
| Baumgarten       | Matt     | Lathrup Village                | <input type="checkbox"/>            |            |
| Bayley           | Nicholas | Westland (OHM)                 | <input checked="" type="checkbox"/> | <i>NSB</i> |
| Belair           | Bob      | Canton Township                | <input checked="" type="checkbox"/> | <i>RAB</i> |
| Best             | Matthew  | Van Buren Twp.                 | <input type="checkbox"/>            |            |
| Bivins           | Jerome   | Inkster                        | <input checked="" type="checkbox"/> | <i>JB</i>  |
| Boote            | Marty    | ECT                            | <input type="checkbox"/>            |            |
| Borton           | Cory     | Bloomfield Hills (HRC)         | <input type="checkbox"/>            |            |
| Borton           | Cory     | Village of Beverly Hills (HRC) | <input type="checkbox"/>            |            |
| Borton           | Cory     | <u>Birmingham (HRC)</u>        | <input checked="" type="checkbox"/> | <i>CS</i>  |
| Browning         | Rick     | Melvindale                     | <input type="checkbox"/>            |            |
| Buiten           | Mike     | Wayne                          | <input checked="" type="checkbox"/> | <i>MLB</i> |
| Byrd             | Jim      | Wixom                          | <input type="checkbox"/>            |            |
| Casari           | Tom      | Northville Township            | <input type="checkbox"/>            |            |
| Cassady          | Erin     | Friends of the Rouge           | <input type="checkbox"/>            |            |
| Cave             | Kelly    | WCDPS                          | <input type="checkbox"/>            |            |
| Craig            | Bill     | RRAC                           | <input checked="" type="checkbox"/> | <i>BC</i>  |
| Cravens          | Jay      | Bloomfield Hills               | <input type="checkbox"/>            |            |
| Creech           | James    | Village of Franklin            | <input type="checkbox"/>            |            |
| Davis            | Paul     | Rochester Hills                | <input type="checkbox"/>            |            |
| Dean             | Lillian  | SOCWA                          | <input type="checkbox"/>            |            |
| DeMaria          | Annette  | ECT                            | <input type="checkbox"/>            |            |

Meeting Date: 11/15/16

| <i>Name</i>     |          | <i>Community</i>                 | <i>Attended</i>                     | <i>Initials</i> |
|-----------------|----------|----------------------------------|-------------------------------------|-----------------|
| Domine          | Wayne    | Bloomfield Township              | <input type="checkbox"/>            |                 |
| Dotson          | Trisha   | Livonia                          | <input checked="" type="checkbox"/> | TD              |
| Douville        | Jeff     | Bingham Farms                    | <input type="checkbox"/>            |                 |
| Economou Ureste | Michele  | West Bloomfield Township         | <input checked="" type="checkbox"/> | MEU             |
| El-Gharib       | Ramzi    | Wayne                            | <input type="checkbox"/>            |                 |
| El-Gharib       | Ramzi    | Westland                         | <input type="checkbox"/>            |                 |
| Eudy            | Chuck    | Farmington                       | <input checked="" type="checkbox"/> | C.S.            |
| Faas            | Tim      | Canton Township                  | <input checked="" type="checkbox"/> | TF              |
| Fellrath        | Patrick  | Plymouth Township                | <input type="checkbox"/>            |                 |
| Fletcher        | Austin   | Birmingham                       | <input type="checkbox"/>            |                 |
| Fortura         | Rocco    | Oak Park                         | <input type="checkbox"/>            |                 |
| Fuller          | Fred     | Orchard Lake Village (Huron Cons | <input type="checkbox"/>            |                 |
| Gallogly        | James    | Northville                       | <input checked="" type="checkbox"/> | JGH             |
| Garrison        | Jacy     | Oakland County                   | <input checked="" type="checkbox"/> | JLG             |
| Greco           | Sam      | Henry Ford College               | <input type="checkbox"/>            |                 |
| Hagaman         | Kathryn  | Bingham Farms                    | <input checked="" type="checkbox"/> | KPH             |
| Hammond         | Bruce    | Melvindale                       | <input type="checkbox"/>            |                 |
| Hanna           | Souzan   | Troy (HRC)                       | <input type="checkbox"/>            |                 |
| Hanna           | Karen    | Friends of the Rouge             | <input checked="" type="checkbox"/> | KH cen          |
| James           | Jay      | Commerce Township                | <input type="checkbox"/>            |                 |
| Kahle           | Chris    | University of Michigan-Dearborn  | <input checked="" type="checkbox"/> | ck              |
| Keenan          | Shawn    | Auburn Hills                     | <input type="checkbox"/>            |                 |
| Kelley          | Harold   | Henry Ford College               | <input type="checkbox"/>            |                 |
| Kern            | Ryan     | Garden City (Hennessey Engineer  | <input type="checkbox"/>            |                 |
| Kramarz         | Kristina | Dearborn Heights                 | <input type="checkbox"/>            |                 |
| Kurleto         | James    | Cranbrook Institute of Science   | <input type="checkbox"/>            |                 |
| Leach           | Josh     | Farmington                       | <input type="checkbox"/>            |                 |

Meeting Date: 11/15/16

| Name      |             | Community                       | Attended                            | Initials |
|-----------|-------------|---------------------------------|-------------------------------------|----------|
| MacDonell | Matt        | Washtenaw County Road Commis    | <input type="checkbox"/>            |          |
| Markus    | Charles     | Bloomfield Township             | <input checked="" type="checkbox"/> | CJM      |
| Marshall  | Ellen       | SOCWA                           | <input type="checkbox"/>            |          |
| McCallum  | Gerry       | Orchard Lake Village            | <input type="checkbox"/>            |          |
| Mekjian   | Gary        | Farmington Hills                | <input checked="" type="checkbox"/> | ELR      |
| Melchert  | Ron         | Auburn Hills                    | <input type="checkbox"/>            |          |
| Mondora   | Karen       | Farmington Hills                | <input checked="" type="checkbox"/> | KM       |
| Moore     | Doug        | Livonia                         | <input type="checkbox"/>            |          |
| Mullett   | Noel        | WCDPS                           | <input checked="" type="checkbox"/> | NM       |
| Mullin    | Christopher | Wayne County Airport Authority  | <input type="checkbox"/>            |          |
| Nash      | Jim         | Oakland County                  | <input type="checkbox"/>            |          |
| Olsztyn   | Olivia      | Bloomfield Township             | <input type="checkbox"/>            |          |
| O'Meara   | John        | ECT                             | <input checked="" type="checkbox"/> | JMO      |
| Paletko   | Dan         | Dearborn Heights                | <input type="checkbox"/>            |          |
| Pasciolla | Angela      | Bloomfield Township             | <input type="checkbox"/>            |          |
| Perez     | Thomas      | University of Michigan-Dearborn | <input type="checkbox"/>            |          |
| Petrella  | Sally       | FOTR                            | <input type="checkbox"/>            |          |
| Pollizzi  | Tim         | Rochester Hills                 | <input type="checkbox"/>            |          |
| Porman    | Chris       | Plymouth                        | <input type="checkbox"/>            |          |
| Pratt     | Evan        | Washtenaw County Water Resour   | <input type="checkbox"/>            |          |
| Price     | Meghan      | ECT                             | <input checked="" type="checkbox"/> | MP       |
| Radtke    | Jana        | Plymouth Township               | <input type="checkbox"/>            |          |
| Rice      | Heather     | Washtenaw County Water Resour   | <input checked="" type="checkbox"/> | HR       |
| Rickard   | Jill        | Northville Township             | <input checked="" type="checkbox"/> | JR       |
| Ridgway   | Jim         | ECT                             | <input type="checkbox"/>            |          |
| Ritter    | Kathy       | Romulus                         | <input type="checkbox"/>            |          |
| Rodgers   | Chelsea     | Walled Lake                     | <input type="checkbox"/>            |          |

Meeting Date: 11/15/16

| <i>Name</i> |           | <i>Community</i>               | <i>Attended</i>                     | <i>Initials</i> |
|-------------|-----------|--------------------------------|-------------------------------------|-----------------|
| Rohraff     | Don       | Livonia                        | <input type="checkbox"/>            |                 |
| Roney       | Kevin     | Garden City                    | <input type="checkbox"/>            |                 |
| Ross        | Cyndi     | FOTR                           | <input type="checkbox"/>            |                 |
| Scappaticci | Roberto   | Romulus                        | <input type="checkbox"/>            |                 |
| Schultz     | Leigh     | Southfield                     | <input type="checkbox"/>            |                 |
| Selmi       | John      | Redford Township               | <input type="checkbox"/>            |                 |
| Siddall     | Sheryl    | Washtenaw County Road Commis   | <input type="checkbox"/>            |                 |
| Siedlaczek  | Brandy    | Southfield                     | <input checked="" type="checkbox"/> | BS              |
| Sikma       | Tim       | Wixom                          | <input checked="" type="checkbox"/> | B               |
| Sincock     | Paul      | Plymouth                       | <input type="checkbox"/>            |                 |
| Smrtka      | Barb      | Farmington Hills               | <input type="checkbox"/>            |                 |
| Staup       | Aaron     | Novi                           | <input type="checkbox"/>            |                 |
| Steeland    | Kara      | Village of Franklin (HRC)      | <input type="checkbox"/>            |                 |
| Sullivan    | Patrick   | Northville                     | <input type="checkbox"/>            |                 |
| Tucker      | Eric      | Inkster                        | <input type="checkbox"/>            |                 |
| Vandette    | Steven    | Troy                           | <input checked="" type="checkbox"/> | CV              |
| Wagoner     | Bryan     | Wayne County Airport Authority | <input type="checkbox"/>            |                 |
| Wayne       | Adam      | Novi                           | <input checked="" type="checkbox"/> | AW              |
| Whitt       | L. Dennis | Walled Lake                    | <input type="checkbox"/>            |                 |
| Wilson      | Tom       | Livonia                        | <input type="checkbox"/>            |                 |
| Wineka      | Jim       | Oakland County                 | <input type="checkbox"/>            |                 |
| Wren        | Elizabeth | Village of Beverly Hills       | <input type="checkbox"/>            |                 |
| Yee         | Kevin     | Oak Park                       | <input type="checkbox"/>            |                 |
| Zoner       | Tom       | Commerce Township              | <input type="checkbox"/>            |                 |

Page 5 of 5

## **ONGOING ARC GRANT PROJECTS STATUS – 3/20/17**

### **FOTR-ARC Merger Investigation**

The ARC met with the new FOTR Executive Director to bring her up to speed. A second meeting is scheduled for March 17 to discuss next steps.

### **Collaborative Invasive Species Control in Rouge and Detroit River AOC**

The project is being led by Wayne County DPS. Grant extension was granted and IAA amendment signed.

### **US Forestry Service 2014 Tree Grant**

Final report was submitted to USDA-FS and the report was accepted. Project completed.

### **SAW Grant: Monitoring and Stormwater Management Planning**

Communication with MDEQ regarding applications. Revisions to the collaborative plans have been made based on MDEQ comments. Responses to the MDEQ comments have been completed and returned to MDEQ. The development of the monitoring plan field plan has begun. Contracting with USGS for gathering of some of the data was initiated along with securing a Wayne County permit for installation of a monitoring station in Johnson Creek. 3 communities will be piloted for stormwater financing data analysis. Data collection with those communities is under way.

### **NOAA GLRI Habitat Restoration: Henry Ford Estate Dam Fish Passage (Design)**

ARC hosted a project partners meeting in December. Long-term access was designed and plans were finalized. The MDEQ permit application package was submitted and a site meeting with MDEQ was held in March 2017.

### **2016 Rouge River Public Advisory Council (RRAC) Support**

FOTR fish study was completed. 3 habitat project descriptions have been flushed out for future funding opportunities. Held RRAC meeting in February.

### **NOAA Regional Partnership**

This grant, administered by Friends of the Detroit River, is a partnership for conducting listed habitat projects within the Detroit and Rouge AOCs as determined by EPA and NOAA. There are no activities for the Rouge currently.

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

Wayne County has received a grant from EPA to complete three Rouge AOC habitat list projects, for which they are the majority landowner. The IAA between Wayne County and the ARC has been drafted and is proceeding through the county process for execution. Work is anticipated to begin in April.

## **GRANTS SUBMITTED**

### **MDEQ OGL Public Advisory Support**

The ARC submitted a grant application to the MDEQ Office of the Great Lakes for continued facilitation of RRAC, further development of the habitat project descriptions which will allow for future grant funding of activities and additional sampling to characterize the Rouge fish community and educate the general public about the diversity and distribution of Rouge fish. The grant is for \$29,985.

### **GLRI USDA Forest Service**

The ARC is submitting a grant application to the USDA Forest Service for trees to “Mitigate Emerald Ash Borer (EAB) Impacts – Acres treated for tree canopy restoration with non-host species in urban EAB quarantine areas to enhance and restore biodiversity and water quality”. 19 members are participating and the grant is for \$100,000.



Alliance  
of Rouge  
Communities

## OURS TO PROTECT

Working together, restoring the river

# EXECUTIVE DIRECTOR'S 2016 ANNUAL REPORT

## ARC Seasonal Poster Campaign

### PROTECT WATER QUALITY ALL SEASON LONG!

**What's a Watershed?**  
We all live in a watershed - an area of land that drains to a common body of water, such as a lake, river or stream (and even groundwater). Understanding the watershed concept is important because it allows us to comprehend how we can have an impact on water quality far beyond our own back door.

**Learn the Difference**  
**What is Stormwater?**  
Stormwater is water that originates during rain events and snow/ice melt and travels over land or through storm drains, catch basins or pipes (called outfalls) and ends up untreated in our rivers, streams and lakes.

**What is Wastewater?**  
Wastewater is water that has been used in the home, in a business, or as part of an industrial process and is treated before it is released back to the environment.

**Use less salt by shoveling early and often to protect the Rouge River. If you do need salt, choose an environmentally-friendly alternative.**

**Attend a Friends of the Rouge Winter Monthly Search close to your community to help gauge the health of the Rouge River.**

**Pick up after your pet even in the winter to prevent the bacteria from washing into storm drains and straight to the Rouge River when the snow starts to melt.**

**This winter, plan a rain garden to include Michigan native plants which**

**Use your local car wash to keep your car clean. When the buildup on your car melts, it sends thousands of gallons of oil and other pollutants to the storm drain which end up in the Rouge River.**

**Waterize your rain**

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**Use your local car wash because washing your car at home sends the road salt, oil and other pollutants to the storm drain which end up in the Rouge River.**

**Use a broom to sweep fertilizer and grass clippings back onto your yard so it doesn't wash into the storm drain and the Rouge River.**

**Don't feed the geese because the concentration of droppings adds excess nutrients and harmful bacteria to the Rouge River.**

**Install a rain barrel to capture rainwater for your garden or to use in your home. It will prevent downspouts from dumping and direct them into gardens.**

**Install a rain garden which traps and filters sediment and pollution and naturally cleans the water before it reaches the Rouge River.**

**Pick up after your pet to prevent the bacteria from washing into drainage ditches and storm drains and straight to the Rouge River.**

**Plant Michigan native plants to slow runoff and provide added filtration before entering the Rouge River.**

**Don't pour chemicals down storm drains which lead to the Rouge River. Instead recycle them at a household hazardous waste collection event.**

**For more information visit: [www.allianceofrougecommunities.com](http://www.allianceofrougecommunities.com)**

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**Plant a variety of native species around detention ponds which will enhance water quality, minimize algae blooms and encourage wildlife habitat.**

**Pick up after your pet to prevent the bacteria from washing into drainage ditches and storm drains which go straight to the Rouge River.**

**Waterfront property owners should plant trees, shrubs, taller grasses and wildflowers between the shoreline and road areas to**

**Use slow release, phosphorus-free fertilizer and don't fertilize right before it rains or along any body of water to help protect the Rouge River.**

**Dispose of your boat waste properly. Keep bilges clean with absorbent sponges or pads, and inspect boats and trailers for plant debris and zebra mussels.**

**Keep storm drains clear of debris to prevent storm sewer blockages and minimize the amount of pollution entering**

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**Plant a tree to provide a natural filter to the Rouge River and to reduce stormwater runoff, flooding and erosion.**

**Pour or scrape greasy or oily food waste into a container or jar before putting in the trash to prevent blockages in sewer pipes which can send sewage back into homes or out of manholes into streets and the Rouge River.**

**Report illegal dumping to the Rouge River to your local municipality to prevent contamination in our groundwater supply.**

**Use non-toxic cleaning alternatives such as white vinegar, baking soda and hydrogen peroxide to reduce the amount of harmful chemicals entering the Rouge River.**

**Attend a workshop on native landscaping or septic system maintenance to learn how you can protect the Rouge River or volunteer at a bug hunt or Rouge Rescue with Friends of the Rouge in your community.**

**Don't put "disposable wipes" down a drain or toilet, they do not dissolve and will cause blockages in sewer pipes.**

**When winterizing your pool, spa, or fountain allow the chlorine to dissipate for several days before draining it to a landscaped area not a storm drain which leads to the Rouge River.**

**Match your lawn care to the season. Use a natural fertilizer when the grass is growing from yard waste mulching the Rouge River.**

**The Alliance of Rouge Communities, or ARC, is a non-profit organization consisting of local municipalities, counties, educational institutions and stewardship groups working together to improve the Rouge River. The ARC is funded by membership dues from local governments and supported by grants. The ARC and its partners work cooperatively to meet water quality requirements mandated by the state's stormwater permit and to restore beneficial uses, such as canoeing, fishing and other recreational activities, to the Rouge River.**

**For more information visit: [www.allianceofrougecommunities.com](http://www.allianceofrougecommunities.com)**

March, 2017

Submitted by:

**ECT** Environmental  
Consulting &  
Technology, Inc.

2200 Commonwealth Blvd., Suite 300  
Ann Arbor, MI 48105



## **ARC EXECUTIVE DIRECTOR'S 2016 ANNUAL REPORT**

The 2016 Alliance of Rouge Communities (ARC) Executive Director's Annual Report discusses the primary activities conducted by the ARC from January 1, 2016 to December 31, 2016, including routine administration and meetings of the ARC and all of its committees. It also includes results from ARC Illicit Discharge Elimination Program (IDEP) activities and public education activities, including workshops and developed products.

### **ORGANIZATION COMMITTEE**

#### **OC1A: EXECUTIVE DIRECTOR SERVICES**

##### **A. FULL ALLIANCE MEETINGS**

ARC Staff supported three (3) Full ARC meetings including preparation of the agenda (under the direction of the Chair), distribution of the materials prior to meetings, facilitation of the meetings (including note-taking and tallying of votes at the meeting), and preparation/distribution of meeting summaries to members and other interested parties. ARC meetings were held on:

##### *March 17, 2016, Summit on the Park, Canton*

The resolution in support of the new non-profit entity, which would merge FOTR and the ARC, was read. The motion directed ARC staff to proceed with preparing the documents and support information required to further consider the merger of the ARC and the FOTR into a single, new non-profit entity that could continue the activities of both entities. Prior to executing the final authorization to form the new entity, the Full ARC developed a list of activities/services that it anticipates will be provided.

##### *July 13, 2016, Cranbrook Institute of Science, Bloomfield Hills*

ARC Staff gave a presentation on using green infrastructure to support urban habitat. In addition, budget amendments and contract amendments were made to the 2016 budget. The ARC was awarded a 2016 PAC support grant for RRAC facilitation.

##### *November 15, 2016, City Hall, Wixom*

New officers were elected for 2017 through 2018 which included Brandy Siedlaczek, Chair; Doug Moore, Vice-Chair; and Jill Rickard, Treasurer. The 2017 budget was presented and approved. The ARC will assist on two Wayne County EPA direct awards to construct the HFE Dam Fishway along with the Rouge Oxbow Restoration Phase 3. ECT's contract was extended through December 31, 2017. In addition, budget amendments and contract amendments were made to the 2016 budget.

Full ARC meeting summaries can be found at:

<http://www.allianceofrougecommunities.com/arcmeetings.html>

##### **B. EXECUTIVE COMMITTEE MEETINGS**

The Executive Committee discusses and approves items in advance of full ARC meetings including development and amendments to budgets and contracts. ARC Staff supported three (3) Executive Committee meetings including (under the direction of the ARC Officers) preparation of the agenda, distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and documenting recommendations considered and actions taken), and meeting summary preparation (a

summary was not prepared for the Officers meeting) and distribution. This subtask also included ongoing support services for the committee outside of the regular meetings.

Agendas and meeting summaries are available on [www.allianceofrougecommunities.com](http://www.allianceofrougecommunities.com). ARC Executive Committee Meetings were held on the following dates:

*March 8, 2016, Southfield Parks & Recreation*

ARC Staff provided an update regarding the Erb Foundation grant to investigate merging the FOTR and the ARC into a new nonprofit organization. The committee recommended a resolution to the Full ARC authorizing ARC staff to proceed with preparing documents and support information needed to further consider the merger of the ARC and the FOTR into a single, new non-profit entity that will continue the activities of both entities. The resolution included various “exit ramps” throughout the effort in case one party chose to discontinue the merger investigation.

*June 22, 2016, Southfield Parks & Recreation*

The FOTR-ARC merger investigation awaits FOTR’s initiation of the transitioning process which was delayed by the absence of an Executive Director at FOTR.

A budget amendment was approved to add the grant received from the MDEQ Office of the Great Lakes under the AOC program to facilitate the Rouge River AOC PAC Support – Facilitation, Habitat & Fish project. This grant provides funding to coordinate activities of the Rouge River Advisory Council (RRAC), development of the projects needed to delist the habitat BUI. It also provides funding for fish species surveys within the Rouge River.

The Nominations Committee sought volunteers to serve as officers for the 2017-2018 2-year term.

*October 12, 2016, Southfield Parks & Recreation*

The ARC partnered with Friends of the Detroit River on a NOAA Regional Partnership grant submittal which was awarded in February 2016. The grant provides funding for conducting listed habitat projects within the two AOCs as determined by EPA and NOAA. Work on potential Rouge projects would not begin until late 2017 or 2018. A budget amendment was approved and forwarded to the Full ARC.

Wayne County received a grant from EPA to complete three Rouge AOC habitat list projects, for which they are the majority landowner. The projects include: 1) construction of the Henry Ford Estate Dam Fishway; 2) the Rouge Oxbow Phase 3 construction; and 3) the Nankin Lake Restoration. The design and permitting for both the HFE Fishway and the Oxbow projects was completed. ARC Staff was requested to prepare the bid documents and provide construction oversight. The Nankin project will be put out to bid by Wayne County. A budget amendment was approved and forwarded to the Full ARC.

It was announced that West Bloomfield Township would rejoin the ARC as a member beginning in 2017.

ECT requested its second contract extension under the current 2013 contract which allows for the potential of up to three, one-year extensions.

The 2017 Budget Recommendations were presented.

The Nominations Committee recommended the officers slate for 2017-2018 as Brandy Siedlaczek, Southfield as Chair; Doug Moore, Livonia as Vice-Chair; and Jill Rickard, Northville Twp. as Treasurer. In addition any nominations from the floor would be considered.

ARC Executive Committee meeting summaries can be found at:

<http://www.allianceofrougecommunities.com/arcmeetings.html>

#### **C. ORGANIZATION COMMITTEE MEETINGS**

The Organization Committee held no scheduled meetings during the reporting period.

#### **D. FINANCE COMMITTEE MEETINGS**

The Finance Committee, supported by ARC Staff, developed and administered the annual budget and work plan. ARC Staff prepared monthly financial reports, mailed dues invoices to members, collected dues, submitted various grant reimbursement requests and paid the ARC's bills. ARC Staff facilitated three (3) Finance Committee meetings by preparing the agenda, distributing materials prior to the meetings, and preparing/distributing meeting summaries to appropriate parties. The Finance Committee held meetings on February 25, 2016, June 15, 2016 and October 4, 2016 in Canton.

#### **E. TECHNICAL COMMITTEE MEETINGS**

Staff support was provided for three (3) Technical Committee meetings on March 14, 2016, April 29, 2016 and October 28, 2016. Topics included the ARC's Collaborative IDEP, Oakland and Wayne County's IDEP work performed under the 2016 budget and review of the MDEQ's comments on the ARC's Collaborative IDEP. Activities included preparation of the agenda (under the direction of the Technical Committee Chair), distribution of the materials prior to the meeting, facilitation of the meeting (including note-taking and record of actions taken.)

ARC Staff provided additional support services for the committee outside of regular meetings.

#### *Participation in IDEP Work Group*

There were no meetings of the IDEP Work Group in 2016.

#### **F. PUBLIC INVOLVEMENT AND EDUCATION (PIE) COMMITTEE MEETINGS**

Staff support participated in one (1) regular meeting on December 6, 2016, with activities that included preparation of the agenda (under the direction of the PIE Committee Chair), distribution of the materials prior to the meeting, facilitation of the meeting (including note-taking and record of actions taken). Staff provided ongoing support services for the committee outside of regular meetings. Topics of the meeting included reviewing the MDEQ comments on the Collaborative PPP and PEP along with reviewing and refining our PIE activities for 2017.

ARC Staff provided additional support services for the committee outside of regular meetings.

#### **OC1B: ADVOCACY AND ADMINISTRATION**

ARC Staff promoted the ARC as the advocate for the Rouge River Watershed, served as the primary spokesperson for the ARC, responded to requests for information and sought opportunities to promote ARC awareness. ARC Staff served as the ARC primary liaison to the general public, all members, including both formal and informal interaction with government officials, legislators and staff on a regular basis.

Materials distributed in 2016 included all meeting materials for the ARC Executive Committee, the Full ARC, the Public Involvement and Education, Technical, Organization, and Finance Committees and all special meetings. Staff also distributed materials related to permit discussions with MDEQ, watershed management planning documents and flyers for upcoming events.

The Executive Director and staff participated in the following outreach activities:

#### Reorganization Investigation Committee Meetings

There were no meetings held in 2016 on the Reorganization Investigation of the ARC and FOTR because the Executive Director of FOTR resigned late in the process. No new director was hired in 2016.

ARC Staff attended a July 27, 2016 webinar titled “Better Together! Lessons Learned from a Local Conservation Organization Merger” in support of the potential merger between the ARC and FOTR.

#### Governmental Activities

The ARC Executive Director participated in the Lake Erie portion of the Great Lakes Water Quality Agreement of 2012 Lake Wide Management Annex which requires cooperation of the many governmental partners and the public to look at each Great Lake individually and to develop a Lakewide Action and Management Plan (LAMP) for each lake that will address all environmental stressors in the way most appropriate for that particular lake. This binational agreement targets many of the significant environmental issues impacting the lakes, including nutrient discharges, AOCs, and the introduction of aquatic invasive species.

The ARC’s Executive Director forwarded the newly introduced HB 5991 introduced in the Michigan State House by Representative Mike McCreedy. If passed this would allow “local units of government to adopt water utility ordinances and create stormwater management utilities.” It addresses some of the challenges established by the Headlee Amendment and the Bolt Decision. He informed ARC Members that it is a long way from passage, but is a useful starting point.

#### Statewide Public Advisory Council (SPAC)

ARC staff attended the SPAC reception March 1, 2016 and AOC Conference March 2 -3, 2016. At these events ARC staff interacted and discussed the Rouge River Watershed with participants. Participants included Federal, State, Regional, and local government officials and NGOs. Topics of discussion included stormwater controls and green infrastructure and the Rouge River AOC Habitat list. The AOC habitat list was developed through RRAC with the ARC providing assistance. ARC staff met with federal and state agency members to review the projects on the list and help set prioritization for funding.

#### Organization Participation

Jim Ridgway continues to serve on the USEPA Great Lakes Advisory Board (GLAB) and the Science and Information Subcommittee in 2016. He advocated for ARC communities as well as all communities within the Great Lakes basin. The GLAB supports the EPA and all other federal agencies in their efforts to restore and protect the Great Lakes.

The ARC Executive Director served on the Great Lakes Clean Communities Advisory Board.

The ARC Executive Director has also supported the Great Lakes Protection Fund project for Private Financing Green Infrastructure and has supported the inclusion of Southfield and Farmington Hills on the advisory board.

In 2016 the ARC Executive Director continued to support the Great Lakes Protection Fund project on Integrated Water Resources Management program which includes efforts in Oakland County.

#### Member and General Public Requests

In June, ARC staff conducted a survey of ARC members regarding native vegetation management activities as part of a possible increase to their ARC dues or as an option to purchase ala cart with their membership. There was some interest but not enough to continue with the possible service. ARC Staff may conduct the survey again in the future.

ARC Staff coordinated with the City of Farmington Hills to respond and forward information to a citizen who was looking for a list of certified engineers that can provide inspections of detention ponds. ARC Staff mailed the citizen copies of the ARC's Detention Pond maintenance manual.

ARC Staff attended the City of Romulus' Eco-Fair for Earth Day on April 23, 2016 which was attended by the general public. The ARC had a display table at the event which included information on the ARC and the Rouge River watershed.

ARC Staff forwarded a citizen concern to Oakland County regarding a large blockage in the Rouge River along 13 Mile and Telegraph Roads. Oakland County's Drain Maintenance staff responded that they would refer the resident to the city, village or township or to the state for assistance because the area is not a county-maintained drain.

ARC Staff received a request for access to water quality sampling data (primarily sediment and nutrients) in the Rouge River watershed from Rebecca Muenich, a postdoctoral researcher at the University of Michigan working on a project to model the entire Huron-Erie Corridor in order to better understand the sources of nutrients to Lake Erie and how to better address them. ARC Staff coordinated with Wayne State to locate Rouge data within the RWQIMS and their contact information was forwarded to the U of M researcher.

ARC Staff received a request from a resident for a poster "Use Your Head, You Live in a Watershed" that was created by Wayne County under the Rouge Project. The request was forwarded to Wayne County and they sent the resident copies of the poster.

#### Storm Water Permit Activities

ARC Staff promoted and supported Oakland County who hosted the Illicit Discharge Elimination and Pollution Prevention/Good Housekeeping Program training on October 13, 2016 at no charge. Topics included dry weather screening activities and detecting, investigating and eliminating illicit discharges to your MS4, as well as fleet and facility maintenance, materials storage yards, maintenance of stormwater management systems and grounds maintenance. Roughly 100 people attended the training.

ARC Staff shared information on a SEMCOG Winter Maintenance Workshop with ARC Members which included several equipment demonstrations and suppliers of winter maintenance equipment, materials, and services to learn more about the latest technology, techniques and products for managing ice and snow.

#### Partnership Activities

ARC Staff planned, organized and staffed the second Great Lakes Restoration Celebration event on October 21, 2016. The event was hosted by the ARC at The Henry Ford at no cost to members. The

event celebrated the restoration efforts in Southeast Michigan and was attended by more than 120 federal, state and local elected officials along with watershed organization representatives in Southeast Michigan. The event included informative displays by southeast Michigan watershed organizations that have received grants through the GLRI and other federal funding agencies. A 75-page color book was created that highlighted grant funded projects within the Clinton, St. Clair, Rouge, Detroit, Saginaw, Maumee and Raisin Rivers. Welcomes were done by Patricia Mooradian, President of The Henry Ford and Brandy Siedlaczek, Chair of the ARC. Jon Allan, Director of the Office of the Great Lakes did a Great Lakes Virtual Tour which interviewed representatives from the local groups receiving the grant funds and then gave the State's perspective. A keynote address was given by David Ullrich, Chair - Great Lakes Advisory Board and Executive Director - Great Lakes and St. Lawrence Cities Initiative. A federal perspective was given by John Catena - Northeast and Great Lakes Regional Supervisor, National Oceanic and Atmospheric Administration (NOAA) Restoration Center along with Rose Ellison, Project Manager, U. S. Environmental Protection Agency (USEPA) Great Lakes National Program Office (GLNPO). In support of the event Senator Stabenow prepared a video to share at the event. Then event was attended by both Congresswoman Dingell and Congressman Levin who provided remarks on the restoration activities in southeast Michigan. At the close of the event a tour was given of The Henry Ford's Oxbow which the ARC was awarded a NOAA grant to design the connection from the Oxbow to the channelized portion of the Rouge River and which Wayne County was awarded direct funding through the USEPA in 2016.



**Great Lakes Restoration celebration hosted by the ARC at The Henry Ford**

ARC Staff prepared an abstract submissions for the Great Lakes and St. Lawrence Green Infrastructure Conference that is planned for May 2017.

ARC Staff participated and reported on ARC activities at the SEMCOG Southeast Michigan Partners for Clean Water meeting held on March 4, 2016 and May 10, 2016. Topics of discussion included MDOT Stormwater Management Framework, green infrastructure and AOC habitat projects in Southeast Michigan.

ARC Staff attended an October 26, 2016 SEMCOG University on Updating Codes and Ordinances to Support Green Infrastructure Implementation.

The ARC did not receive any FOIA requests from January 1, 2016 through December 31, 2016.

### **OC1C: FINANCIAL SERVICES**

ARC Staff provided accounting services in accordance with the ARC's Accounting Procedures Manual including processing of payables and receivables. ARC Staff provided monthly reports for the ARC



Treasurer and ARC members from January 1, 2016 through December 31, 2016. ARC Staff provided necessary staff to meet the separation of financial duties and responsibilities documented in the ARC's Accounting Procedures Manual so that no Executive Director Staff member has sole control over cash receipts, bank reconciliations, accounts payable, mail or other accounting functions. ARC Staff maintained separate general ledger accounts as required by funding source regulations. ARC Staff maintained financial records and files as required by the ARC Accounting Procedures Manual including grants and vendor contracts. ARC Staff submitted all required information for grant reimbursement requests and grant reporting. ARC Staff assisted and provided information for the 2015 financial audit and taxes.

ARC Staff worked with the Finance Committee to develop and administer the annual budget and work plan. ARC Staff prepared monthly financial reports, mailed dues invoices to members, collected dues, submitted various grant reimbursement requests and paid the ARC's bills.

### **OC1D: COMMUNICATION AND ADMINISTRATION**

ARC Staff provided administrative oversight of the ARC day-to-day activities, staff, consultants and contractors, and external relationships with other agencies, organizations, and individuals to meet the goals of the ARC.

ARC Staff attended a workshop, "Great Lakes Communications," on April 29, 2016 that was held in Detroit by Healing Our Waters – Great lakes Coalition. The workshop focused on ways to communicate your message across various avenues including social media.

ARC Staff had discussions with the City of Detroit regarding membership in the ARC. No decision was made by the city in 2016.

ARC Staff provided membership information to West Bloomfield Twp. and attended the October 10, 2016 Board of Trustees meeting. The Board voted to approve ARC membership beginning in 2017.

The 2015 ARC annual report was completed and submitted to the ARC in March, 2016.

ARC Staff initiated a Facebook page for the ARC in 2016. During 2016 ARC Staff posted 14 public education messages and photos to educate the public on ways to protect the Rouge River.



**ARC Facebook Page**

### **OC1E: PURSUING GRANT OPPORTUNITIES**

ARC Staff attended a webinar presented by the Forest Service – Northeastern Area Grants on April 14, 2016 titled "How to Complete an Application Package for Grants and cooperative Agreements Workshop". The webinar discussed correctly completing Federal Assistance application packages which

will dramatically reduce errors and in turn provide a smooth application process with a quick turnaround.

ARC Staff attended a webinar presented by the MDEQ titled “Michigan Areas of Concern Program Fiscal Year 2016 Public Advisory Council Support Grant Management Webinar” on July 25, 2016. The webinar covered an overview of the grant agreement and reporting requirements.

ARC Staff researched and surveyed ARC Members seeking their input in determining the scope of the ARC’s application for various grant applications throughout 2016. The Executive Director staff applied for the following grants in 2016 on behalf of the Alliance of Rouge Communities:

- ◆ ARC Staff assisted Wayne County in preparing information for USEPA Direct funding (\$6.5 Million to Wayne County) for the construction of the Henry Ford Estate dam fishway, the construction of the Oxbow Phase 3 restoration and the Nankin Lake restoration. (awarded to Wayne County)
- ◆ SPAC AOC Grant (\$29,945) to facilitate the RRAC and for FOTR to characterize the Rouge fish community by completing surveys of the Upper and Main Rouge and compiling data. (awarded to the ARC)
- ◆ US Forestry Service Grant (\$150,000) to inspect installed GI throughout the Rouge River Watershed, identify sites for enhancement, and design and implement of maintenance/enhancement activities. (not awarded)
- ◆ NOAA Environmental Literacy Grant (\$350,000) to design a real-time notification and public outreach regarding reducing CSOs in southeast Michigan. (not awarded)
- ◆ ARC Staff partnered with Friends of the Detroit River (FDR) on a grant submitted by FDR to NOAA for the Great Lakes Habitat Restoration Regional Partnership grant program. This regional partnership will enhance the Rouge and Detroit River AOCs’ ability to continue the momentum necessary to conduct projects to restore fish and wildlife habitat that will benefit southeast Michigan and the entire Great Lakes region. The federal agencies will determine the projects and funding on an annual basis. (awarded to FDR)

## TECHNICAL COMMITTEE

### A. TC3: IDEP INVESTIGATIONS

ARC Staff reviewed and commented on OCWRC’s and WC’s 2016 IDEP Work Plans and brought them to the Technical Committee for approval. ARC Staff prepared IAAs for both counties and facilitated execution of them.

#### Oakland County IDEP Field Investigations

Consistent with the Rouge River Collaborative IDEP Plan, illicit discharge investigations were conducted in 2016 on multiple Oakland County storm drains within the Rouge River Watershed. Investigations were conducted by the Oakland County Water Resources Commissioner (WRC) as follow up to potential illicit discharges identified in 2014 and investigative work conducted in 2015. To date these investigations have identified 3 illicit sanitary connections, 2 suspect failed septic systems and 8 additional suspect connections to be evaluated as potential illicit discharge sources on four (4) County Drains. A summary of illicit connections and additional suspect illicit discharge sources along with recommended follow-up actions are summarized in the final report.



### Wayne County IDEP Field Investigations

Consistent with the Rouge River Collaborative IDEP Plan, illicit discharge investigations were conducted in 2016 by Wayne County Department of Public Services, Water Quality Management Division (WQMD). The source identification work within the City of Plymouth identified five specific street segments with suspected illicit discharges that will be televised in 2017. Residential dye testing will be performed at select homes based on the results of the televising.

Field screening was also conducted in three of the priority areas to narrow down the location of the potential illicit connections. The results suggest that additional sampling should be conducted in Plymouth, Canton, Van Buren and Superior townships.

### IDEP Training

ARC Staff promoted and assisted with the regional IDEP Prevention/Good Housekeeping Program training on October 13, 2016 which was sponsored by the Oakland County Water Resources Commissioners Office. Almost 100 people attended the workshop.

### **Deliverables:**

Wayne County Work Plan:

<http://www.allianceofrougecommunities.com/PDFs/general/Final%20WCDPS%20ARC%202016%20IDEP%20Wrk%20plan.pdf>

Wayne County IDEP Report:

<http://www.allianceofrougecommunities.com/PDFs/general/WQMD%20ARC%202016%20IDEP%20Summary%20rfs.pdf>

Oakland County Work Plan:

<http://www.allianceofrougecommunities.com/PDFs/technical/ARC-OC%202016%20IDEP%20Scope%20of%20Work.pdf>

Oakland County IDEP Final Report:

<http://www.allianceofrougecommunities.com/PDFs/technical/OCWRC%202016%20IDEP%20Final%20Report.pdf>

IDEP Training list of attendees:

[http://www.allianceofrougecommunities.com/PDFs/general/10\\_13\\_2016\\_Training\\_Sign\\_In\\_Sheets.pdf](http://www.allianceofrougecommunities.com/PDFs/general/10_13_2016_Training_Sign_In_Sheets.pdf)

## **PUBLIC INVOLVEMENT & EDUCATION (PIE) COMMITTEE**

### **A. PIE1: GREEN INFRASTRUCTURE CAMPAIGN**

#### Workshops

Five (5) workshops were held in partnership with Friends of the Rouge and Wayne County in 2016. ARC Staff assisted in planning and attended and supported the workshop:

**Healthy Lawn Care Workshop:** A total of 35 people attended two (2) workshops to learn the benefits of healthy lawn care practices at their home. They were in September, 2016 at the following locations:

- 💧 September 27, 2016, Farmington Hills
- 💧 September 29, 2016, Plymouth

Surveys conducted at the workshops showed that participants thought the workshops were a valuable experience.

**Native Plants and Pollinator Workshop:** A total of 28 people attended two (2) workshops to design and learn the benefits of native plants as pollinators. They were held in October, 2016 at the following locations:

- 💧 October 4, 2016, Livonia
- 💧 October 12, 2016, Garden City

**Septic System Maintenance Workshop:** The ARC presented a workshop on September 7, 2016 hosted by Bloomfield Township at Cranbrook Institute of Science regarding septic system maintenance. The two-hour workshop was attended by twenty-three (23) people and the survey results showed that the workshop was well received.



### Green Schools

As part of the ARC 2016 Green Infrastructure Education Campaign, Wayne County's Water Quality Management Division (WQMD) coordinated the purchase of 30 (thirty) trees for recognized Michigan Green Schools in the ARC. The tree species offered were all native to Michigan and included eastern red bud, sugar maple and tulip. The trees were 1.5 inch caliper and depending on the variety, 7'-10' in height. WQMD offered the trees to eighty-one (81) schools that were new to the Green School program or held an Evergreen status during the 2016 program. These schools were located in the Oakland and Wayne County portions of the Rouge River watershed. The thirty trees went to 19 Oakland County schools and 11 Wayne County schools.

### **Deliverables:**

Wayne County 2016 Green Schools Report:

<http://www.allianceofrougecommunities.com/PDFs/general/2016%20ARC%20Green%20School%20Tree%20Summary%20Final.pdf>

### **B. PIE2: PUBLIC EDUCATION MATERIALS**

ARC Staff made various public education materials available to ARC members through the ARC website during 2016. More than 12,400 items were distributed to member communities and at various community events and workshops. ARC Staff distributed various public education materials which are documented in this section.

### Bookmarks

ARC staff developed bookmarks to publicize the ARC and promote Rouge Friendly tips to the public. 150 bookmarks were distributed to two (2) ARC member communities and agencies and over 1,300 were used at ten (10) ARC member community events including Master Gardeners of Western Wayne County,

Septic System Workshop, Healthy Lawn Care and Pollinator Workshop and the Great Lakes Restoration event. Bookmarks were also distributed as part of seedling giveaways at the events listed below:

- ◆ Farmington Hills Earth Day – 200 pieces for seedlings
- ◆ City of Romulus Eco Fair – 100 pieces for seedlings
- ◆ Inkster Cleanup – 50 pieces for seedlings
- ◆ Canton Household Hazardous Waste – 300 pieces for seedlings
- ◆ Farmington Hills Health and Wellness – 200 pieces for seedlings
- ◆ Bloomfield Hills – 200 pieces for seedlings



#### Pet Waste Containers

ARC staff developed pet waste containers to be distributed to ARC members which promote clean water with the message *In the Bag, Not the River*. During 2016, 1,250 were distributed to eight (8) member communities and 250 were used at six (6) ARC member community events including the SPAC Conference, Farmington Hills Earth Day, Septic System Workshop, Healthy Lawn Care and Pollinators Workshop and the Great Lakes Restoration event.

#### Fertilizer Clips

The ARC developed fertilizer clips with the ARC logo and the phrase: *Fertilize Sparingly and Caringly* to distribute at public events. More than 90 clips were distributed to three (3) member communities and over 450 were distributed at the SPAC Conference, Master Gardeners of Western Wayne County, Septic Workshop, Healthy Lawn Care and Pollinators Workshops, Farmington Hills Earth Day and the Great Lakes Restoration Event.

#### ARC Public Education Brochure

This flyer is used to educate the general public about the ARC and its activities. 50 brochures were distributed to one (1) member community and over 1,400 were used at eleven (11) ARC member community events including SPAC Conference, Master Gardeners of Western Wayne County, Septic System Workshop, Healthy Lawn Care and Pollinator Workshops and the Great Lakes Restoration event. Brochures were also distributed as part of seedling giveaways at the events listed below:

- ◆ Farmington Hills Earth Day – 200 pieces for seedlings
- ◆ City of Romulus Eco Fair – 100 pieces for seedlings
- ◆ Inkster Cleanup – 50 pieces for seedlings
- ◆ Canton Household Hazardous Waste – 300 pieces for seedlings
- ◆ Farmington Hills Health and Wellness – 200 pieces for seedlings
- ◆ Bloomfield Hills – 200 pieces for seedlings

#### ARC Member Brochure

In 2016 the ARC Member Brochure was distributed to ARC member communities with their membership invoices. The brochure explains the ARC, member benefits, projects and committees. It is also distributed to other interested communities and organizations wanting to learn about the ARC.

#### Fish Float

Staff developed a floatable key ring with the slogan “Catch me on the Rouge River!” More than 60 key chains were distributed during 2016, including the Septic System Workshop, SPAC Conference and the Great Lakes Restoration Event.

### Value of Trees

Staff distributed 150 copies of the Value of Trees flyer to two (2) member communities and over 1,100 were used at eight (8) ARC member community events including Healthy Lawn Care and Pollinator Workshops and the Great Lakes Restoration event. Fliers were also distributed as part of seedling giveaways at the events listed below:

- ◆ Farmington Hills Earth Day – 200 pieces for seedlings
- ◆ City of Romulus Eco Fair – 100 pieces for seedlings
- ◆ Inkster Cleanup – 50 pieces for seedlings
- ◆ Canton Household Hazardous Waste – 300 pieces for seedlings
- ◆ Farmington Hills Health and Wellness – 200 pieces for seedlings
- ◆ Bloomfield Hills – 200 pieces for seedlings

### Waterfront Wisdom Brochure

ARC Staff developed a booklet for riparian homeowners in the Rouge River Watershed. The publication was originally published by the Oakland County Water Resources Commissioner's Office Environmental Team. 190 brochures were distributed to four (4) ARC member community events which include The City of Romulus Eco Fair, Master Gardeners of Western Wayne County, Septic System Workshop and Healthy Lawn Care and Pollinator Workshops.

### Detention Pond Maintenance Manuals

100 Detention Pond Maintenance manuals were distributed to Oakland County and 190 were distributed at ARC member community events including the City of Romulus Eco Fair, Septic System Workshop and Healthy Lawn Care and Pollinator Workshops.

### Additional Rouge Grant and SEMCOG Printed Pieces

The ARC also distributed the following items that were printed by Wayne County or SEMCOG and were given to ARC Staff for distribution:

- ◆ A Homeowner's Guide to Septic Systems – 90 pieces to two (2) ARC member community events
- ◆ Clean Up After Your Pet tip card – 240 pieces to four (4) member communities
- ◆ Save Water tip card – 240 pieces to four (4) member community
- ◆ Help Keep Pollution Out of Storm Drains – 200 pieces to three (3) member communities
- ◆ Fertilize Sparingly & Caringly – 380 pieces to four (4) member communities
- ◆ Carefully Store & Dispose of Household Cleaners, Chemicals and Oil – 240 pieces to four (4) member communities
- ◆ Practice Good Car Care tip card – 240 pieces to four (4) member communities

### Seedlings

A total of 200 white pine seedlings and 850 white spruce seedlings were prepared and distributed at ARC member events. Staff developed labels, tree planting instructions and packaged the information for the events. Staff designed and ordered materials and distributed materials to ARC members.

Seedlings were distributed at the following events:

- ◆ Farmington Hills Earth Day – 200 (white pine)
- ◆ City of Romulus Eco Fair – 100 (white spruce)



- ◆ Inkster Cleanup – 50 (white spruce)
- ◆ Canton Household Hazardous Waste – 300 (white spruce)
- ◆ Farmington Hills Health and Wellness – 200 (white spruce)
- ◆ Bloomfield Township Rouge Rescue event – 200 (white spruce)



Tree seedlings at Bloomfield Twp. Rouge Rescue

#### Protect Water Quality All Season Long! Posters

Staff designed and developed four (4) seasonal posters in 2016 with specific activities that the general public can do at home during the spring, summer, fall and winter to help protect water quality. A total of 250 of each seasonal poster were ordered. 900 posters were distributed to all 36 ARC Member communities and 5 cooperating partners giving each member and partner 5 (five) posters of each season. It was suggested that ARC members post these in support of their permit requirements in facilities, libraries or other buildings that the general public frequent. 100 posters were also distributed at the Great Lakes Restoration celebration event.



Oakland County facility displaying the ARC's seasonal poster

#### **C. PIE3: WEBSITE MAINTENANCE**

Staff performed design, writing, editing and general maintenance of the ARC website ([www.allianceofrougecommunities.com](http://www.allianceofrougecommunities.com)).

Articles or information published on the "Rouge in The News" section of the website or distributed to members through email in 2016 include:

- ◆ Michigan's Aquatic Invasive Species Newsletter, MDEQ & MARD along with a comprehensive website on existing and potential invasive species threatening Michigan's natural resources.
- ◆ Battling pollution's legacy in metro Detroit's 'Areas of Concern' waterways, Kirk Haverkamp, Issue Media Group, March 24, 2016

Activities and events published on the "Activities and Events" section of the website or through email in 2016 include:

- ◆ FOTR frog & toad survey events
- ◆ Septic System Maintenance Workshop
- ◆ Native Plants and Pollinator Workshop
- ◆ Healthy Law Care Workshop
- ◆ 2016 AOC conference at U of M-Dearborn
- ◆ IDEP and Pollution Prevention/Good Housekeeping Program training
- ◆ FOTR spring bug hunt
- ◆ FOTR Rouge Rescue
- ◆ FOTR Fall bug hunt
- ◆ FOTR Fundraising events
- ◆ FOTR winter stone fly events
- ◆ Various state grant programs



Documents that were added to the ARC website or emailed to members in 2016 include:

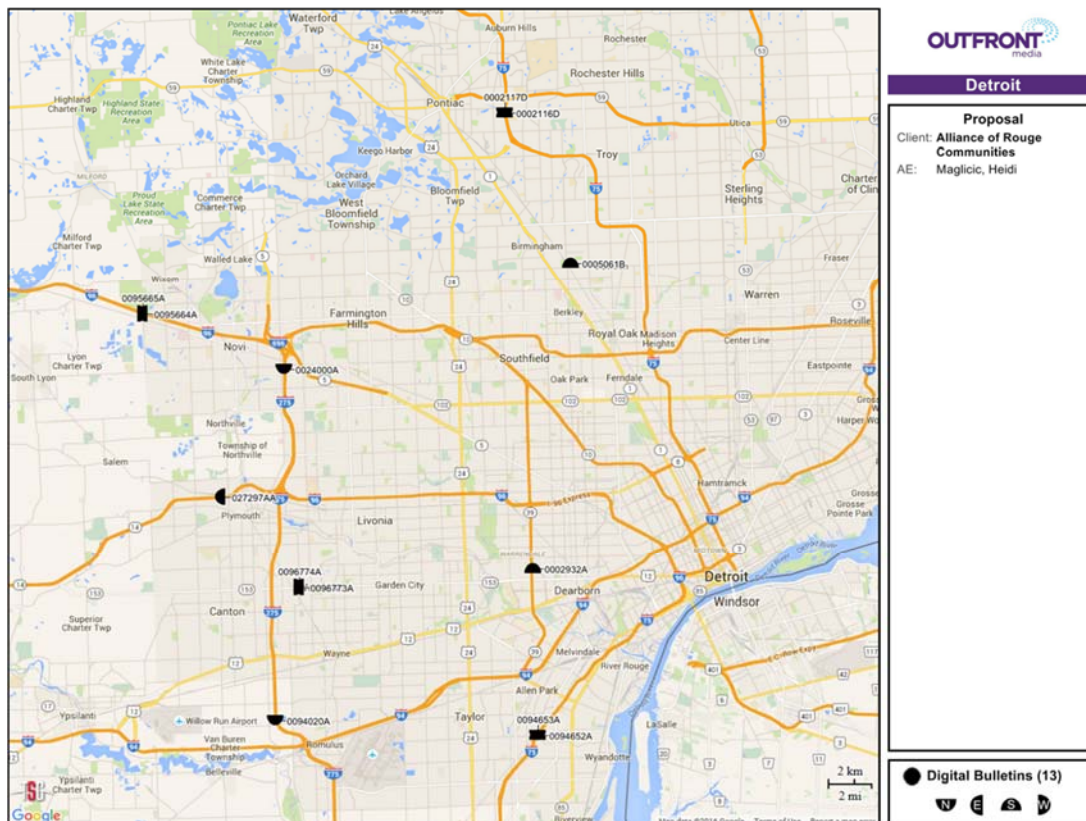
- ◆ ARC Executive Directors 2015 Annual Report
- ◆ Full ARC agendas, handouts and meeting summaries
- ◆ Executive Committee agendas, handouts and meeting summaries
- ◆ FOTR Winter Stone Fly report
- ◆ FOTR Frog and Toad Survey results
- ◆ FOTR Spring Bug Hunt report
- ◆ FOTR Annual Report on Activities
- ◆ ARC Green Schools Summary
- ◆ Oakland and Wayne County Progress Report Summary
- ◆ Oakland and Wayne County ARC work plans
- ◆ Draft SAW Collaborative plans (IDEP, PEP, PPP and TMDL)

#### D. PIE4: IMPLEMENT PUBLIC EDUCATION CAMPAIGN

##### Billboard Campaign

ARC Staff and Friends of the Rouge continued the billboard campaign throughout the watershed in 2016 to educate the public on the importance of clean water. It was spread out over 18 weeks and was shown on 13 digital boards beginning April 18, 2016 and continued through November 27, 2016. An estimated 3.4 million commuters from the entire watershed viewed the ARC's and FOTR's messages regarding clean water.

The below map and table shows the location of the billboards:



| Intersection Where Sign is Located | Community Location |
|------------------------------------|--------------------|
| M-14 & Sheldon Rd.                 | Plymouth Twp.      |
| Southfield Fwy. & Paul             | Detroit            |
| I-275 Fwy. & 10 Mile Rd.           | Farmington Hills   |
| 2 signs at Ford Rd & Hix           | Westland           |
| 2 signs at I-75 Fwy. & Auburn Rd.  | Auburn Hills       |
| I-275 Fwy. & Tyler Rd.             | Van Buren Twp.     |
| 2 signs at I-96 Fwy. & Wixom Rd.   | Wixom              |
| Coolidge Hwy. & 14 Mile Rd.        | Royal Oak          |
| 2 signs at I-75 Fwy. & Goddard Rd. | Allen Park         |

The billboards focused on the clean water messages which reinforced the tips in the ARC seasonal posters which member communities have posted in their facilities. The billboard messages included:



*Protect the Rouge River at Home – Dispose of Fats, Oils and Grease (FOG) Properly*

ARC Staff developed a new FOG brochure at the request of ARC Members with 5,000 printed in 2016. A total of 4,475 pieces were mailed to forty (40) member communities and partners and 90 pieces were distributed at two (2) member community events. This brochure was ranked high in a survey of new public education pieces that members considered most important to educate the public on. The brochure included information about the impact, examples, negative effects, costly results of FOGs. It discussed things to avoid and what the public can do at home to prevent the damage of fats, oils and grease to the Rouge River and their home. It also gave an introduction the ARC.

**E. PIE5: FRIENDS OF THE ROUGE WATERSHED STEWARDSHIP AND REPORTING**

*Workshops*

FOTR worked with the ARC to present two (2) Healthy Lawn Care workshops and two (2) Native Plants and Pollinator workshops described above.

*Annual Report*

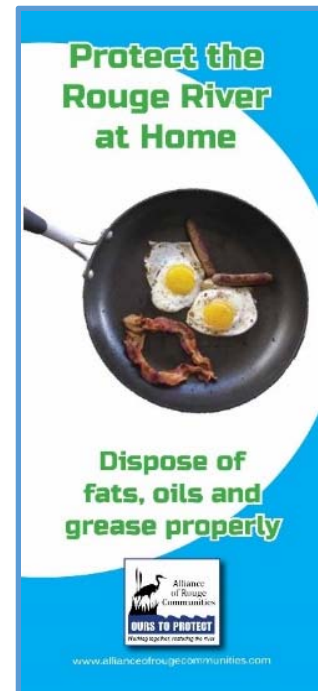
Strong partnerships are necessary to establish and enhance local and regional outreach with communities, other non-profits and governmental agencies to educate and inform the public about key issues within the Rouge River Watershed and change behaviors that directly affect the health of the Rouge River Watershed. In the course of its work, FOTR promotes activities and attends a variety of local and regional meetings to build partnerships and promote Rouge River activities.

The Friends of the Rouge developed an annual report for January 1 through December 31, 2016 that will assist ARC members in fulfilling their stormwater permit requirements. The report includes the Frog and Toad Survey, Benthic Macroinvertebrate Monitoring, Fish Monitoring, Rouge Education Project (REP), River Restoration, and Rouge Rescue and Local and Regional Outreach efforts. Information includes meeting or event dates; workshop dates; number of volunteers attending each event; residency of volunteers, REP Schools, number of students per school, number of teachers per school, monitoring locations for each school; a list of dates, locations for REP workshops and a list of schools that participated and a list of organizations that outreach efforts were done.

**Deliverables:**

2016 FOTR Annual Report

[http://www.allianceofrougecommunities.com/PDFs/general/FOTR\\_2016\\_ARC\\_Annual\\_Report.pdf](http://www.allianceofrougecommunities.com/PDFs/general/FOTR_2016_ARC_Annual_Report.pdf)





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02/28/17

**Alliance of Rouge Communities**  
**A/P Aging Summary**  
As of February 28, 2017

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|       | Current | 1 - 30 | 31 - 60 | 61 - 90 | > 90 | TOTAL |
|-------|---------|--------|---------|---------|------|-------|
| TOTAL | 0.00    | 0.00   | 0.00    | 0.00    | 0.00 | 0.00  |

2:20 PM

02/28/17

**Alliance of Rouge Communities**  
**A/R Aging Summary**  
 As of February 28, 2017

|                                    | <u>Current</u>           | <u>1 - 30</u>           | <u>31 - 60</u>     | <u>61 - 90</u>     | <u>&gt; 90</u>     | <u>TOTAL</u>             |
|------------------------------------|--------------------------|-------------------------|--------------------|--------------------|--------------------|--------------------------|
| Bloomfield Township                | 15,827.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 15,827.00                |
| Canton Township                    | 27,297.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 27,297.00                |
| Commerce Township                  | 549.00                   | 0.00                    | 0.00               | 0.00               | 0.00               | 549.00                   |
| Great Lakes Commission - PAC grant | 0.00                     | 13,149.14               | 0.00               | 0.00               | 0.00               | 13,149.14                |
| Inkster                            | 5,662.00                 | 0.00                    | 0.00               | 0.00               | 0.00               | 5,662.00                 |
| Livonia                            | 28,502.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 28,502.00                |
| Melvindale                         | 2,628.00                 | 0.00                    | 0.00               | 0.00               | 0.00               | 2,628.00                 |
| Northville Township                | 10,437.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 10,437.00                |
| Plymouth Township                  | 10,383.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 10,383.00                |
| Pontiac                            | 0.00                     | 0.00                    | 0.00               | 0.00               | 0.00               | 0.00                     |
| Redford Township                   | 11,610.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 11,610.00                |
| Rochester Hills                    | 1,911.00                 | 0.00                    | 0.00               | 0.00               | 0.00               | 1,911.00                 |
| Van Buren Township                 | 6,652.00                 | 0.00                    | 0.00               | 0.00               | 0.00               | 6,652.00                 |
| Wayne County Airport Authority     | 2,266.00                 | 0.00                    | 0.00               | 0.00               | 0.00               | 2,266.00                 |
| Wayne County DOE                   | 0.00                     | 927.08                  | 0.00               | 0.00               | 0.00               | 927.08                   |
| West Bloomfield Township           | 12,295.00                | 0.00                    | 0.00               | 0.00               | 0.00               | 12,295.00                |
| <b>TOTAL</b>                       | <b><u>136,019.00</u></b> | <b><u>14,076.22</u></b> | <b><u>0.00</u></b> | <b><u>0.00</u></b> | <b><u>0.00</u></b> | <b><u>150,095.22</u></b> |

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02/28/17

Accrual Basis

**Alliance of Rouge Communities**  
**Profit & Loss Budget vs. Actual**  
**December 2016 through December 2017**

|  | Dec '16 - Dec 17  | Budget              |
|--|-------------------|---------------------|
| <b>Ordinary Income/Expense</b>                           |                   |                     |
| <b>Income</b>  |                   |                     |
| 47200 · Program Income                                   |                   |                     |
| 4787 · 2017 ARC Member Dues                              | 123,724.00        | 263,730.00          |
| <b>Total 47200 · Program Income</b>                      | <b>123,724.00</b> | <b>263,730.00</b>   |
| 48000 · Grants   |                   |                     |
| 48905 · WCGL1 Inv Spec Col 2014                          | 0.00              | 14,323.00           |
| 48907 · SAW1 Stormwater Permit app 2015                  | 0.00              | 940,153.00          |
| 48908 · NOAA3-HFE Dam Fish Passage                       | 0.00              | 200,000.00          |
| 48910 · GLC PAC Support 8 RRAC Fac2016                   | 0.00              | 14,972.00           |
| 60665 · WC EPA1 HFE Fishway                              | 0.00              | 180,000.00          |
| 60666 · WC EPA2 Oxbow Phase 3                            | 0.00              | 130,000.00          |
| <b>Total 48000 · Grants</b>                              | <b>0.00</b>       | <b>1,479,448.00</b> |
| <b>Total Income</b>                                      | <b>123,724.00</b> | <b>1,743,178.00</b> |
| <b>Expense</b>   |                   |                     |
| 60400 · ARC Awards and Grants                            |                   |                     |
| 60410 · OC1-Executive Director Services                  | 0.00              | 90,000.00           |
| 60420 · Public Involv. & Education Com.                  |                   |                     |
| 60421 · PIE1-Green Infrast. Campaign                     | 0.00              | 65,000.00           |
| <b>Total 60420 · Public Involv. &amp; Education Com.</b> | <b>0.00</b>       | <b>65,000.00</b>    |
| 60430 · Technical Committee                              |                   |                     |
| 60431 · TC1-R. R. Water. Monitor Act.                    | 0.00              | 58,500.00           |
| 60432 · TC2-ARC Collaborative IDEP Plan                  | 0.00              | 66,000.00           |
| <b>Total 60430 · Technical Committee</b>                 | <b>0.00</b>       | <b>124,500.00</b>   |
| 604605 · SPAC8-RRAC Facilitation 2016                    | 0.00              | 14,972.00           |
| 60662 · SAW1 - SW permits                                |                   |                     |
| 999996 · SAW Grant match-contrib recvd                   | 0.00              |                     |
| 60662 · SAW1 - SW permits - Other                        | 0.00              | 940,153.00          |
| <b>Total 60662 · SAW1 - SW permits</b>                   | <b>0.00</b>       | <b>940,153.00</b>   |
| 60663 · WCGL1 - WC Inv Species Collab.                   | 0.00              | 14,323.00           |
| 60664 · NOAA3-HFE Dam Fish Passage                       | 0.00              | 200,000.00          |
| <b>Total 60400 · ARC Awards and Grants</b>               | <b>0.00</b>       | <b>1,448,948.00</b> |
| 606651 · WC EPA1 HFE Fishway                             | 0.00              | 180,000.00          |
| 606652 · WC EPA2 Oxbow Phase 3                           | 0.00              | 130,000.00          |
| 62100 · Contract Services                                |                   |                     |
| 62110 · FC1-Accounting Fees                              | 0.00              | 18,000.00           |
| 62140 · FC1-Legal Fees                                   | 0.00              | 2,000.00            |
| 65120 · FC2-Insurance - D&O                              | 923.00            | 1,500.00            |
| <b>Total 62100 · Contract Services</b>                   | <b>923.00</b>     | <b>21,500.00</b>    |
| <b>Total Expense</b>                                     | <b>923.00</b>     | <b>1,780,448.00</b> |
| <b>Net Ordinary Income</b>                               | <b>122,801.00</b> | <b>-37,270.00</b>   |
| <b>Net Income</b>  | <b>122,801.00</b> | <b>-37,270.00</b>   |

Plus 2016 estimated rollover: \$68,000  
\$30,730

**Alliance of Rouge Communities  
DRAFT 2017 Budget**

**Anticipated Revenues Available for 2017**

|   |             |
|---|-------------|
| 2017 Anticipated Dues from Communities    | \$263,730   |
| SPAC Grant                                | \$29,972    |
| GLRI Grant                                | \$200,000   |
| Wayne County Grants                       | \$324,323   |
| SAW Grant                                 | \$940,153   |
| Corporate Support                         | \$0         |
| Rollover Dues from 2016 Budget (estimate) | \$68,000    |
|   | \$1,826,178 |

Approved by Full ARC on 11-15-16

**Budget Amendments:**

#1 3-2-17 Draft

| Proposed ARC Budget Items  |  | Committee Budget | Funding Source(3) |            |                 |                 |           |              |                    | "Provider" Using Budget (2) |
|--|--|------------------|-------------------|------------|-----------------|-----------------|-----------|--------------|--------------------|-----------------------------|
|  |  |                  | ARC Dues          | SPAC Grant | GLRI/NOAA Grant |                 | SAW Grant | Wayne County | Other Source/Match |                             |
| Organization Committee   |  |                  |                   |            |                 |                 |           |              |                    |                             |
| (1)OC1   | Executive Director Services                              | \$ 90,000        | \$ 90,000         |            |                 |                 |           |              |                    | EDS                         |
|  | Pursuing Grant Opportunities                             |                  | \$ -              |            |                 |                 |           |              |                    | EDS                         |
| Organization Committee Total                                       |  | \$ 90,000        | \$ 90,000         |            |                 |                 |           |              |                    |                             |
| Finance Committee  |  |                  |                   |            |                 |                 |           |              |                    |                             |
| FC1  | Accounting/Legal Services                                | \$ 20,000        | \$ 20,000         |            |                 |                 |           |              |                    | outside purchase            |
| FC2  | ARC Insurance  | \$ 1,500         | \$ 1,500          |            |                 |                 |           |              |                    | outside purchase            |
| Finance Committee Total  |  | \$ 21,500        | \$ 21,500         |            |                 |                 |           |              |                    |                             |
| Public Education and Involvement Committee                         |  |                  |                   |            |                 |                 |           |              |                    |                             |
| PIE1   | Development and Implementation                           | \$ 65,000        | \$ 65,000         |            |                 |                 |           |              |                    | EDS/WC/FOTR                 |
|  |  |                  | \$ -              |            |                 |                 |           |              |                    |                             |
| PIE Committee Total  |  | \$ 65,000        | \$ 65,000         |            |                 |                 |           | \$ -         |                    |                             |
| Technical Committee  |  |                  |                   |            |                 |                 |           |              |                    |                             |
| TC1  | Rouge River Macroinvertebrate Monitoring                 | \$ 58,500        | \$ 58,500         |            |                 |                 |           |              |                    | FOTR/WC/EDS                 |
| TC2  | IDEP Activities  | \$ 81,000        | \$ 66,000         |            |                 |                 |           | \$ 15,000    |                    | EDS/WC/OC                   |
| Technical Committee Total  |  | \$ 139,500       | \$ 124,500        |            |                 |                 |           | \$ 15,000    |                    |                             |
| Total Amount Requested by All Committees                           |  | \$ 316,000       | \$ 301,000        | \$ -       |                 |                 |           |              | \$ 15,000          |                             |
|  |  |                  | ARC Dues          | SPAC Grant | GLRI/NOAA Grant | FOTR/Erb Found. | SAW Grant | Wayne County | Other Source/Match |                             |
| Other Grants (3)   |  |                  |                   |            |                 |                 |           |              |                    |                             |
|  |  |                  |                   |            |                 |                 |           |              |                    |                             |
| SAW1   | SAW grant 5/1/15-12/31/18                                | \$940,153        |                   |            |                 |                 | \$940,153 |              |                    | EDS/WC/FOTR/OC              |
| WCGL1  | Wayne County Inv. Species Col. 6/1/15-2/1/17             | \$14,323         |                   |            |                 |                 |           | \$14,323     |                    | EDS                         |
| NOAA3  | NOAA HFE Dam Fish Passage Design 9/1/15-4/30/17          | \$200,000        |                   |            | \$200,000       |                 |           |              |                    | EDS/WC                      |
| SPAC8  | SPAC8 RRAC Facilitation 6/16 - 6/30/17                   | \$14,972         |                   | \$14,972   |                 |                 |           |              |                    | EDS/WC                      |
| SPAC9  | SPAC9 RRAC – Facilitation, habitat & fish 4/1/17-6/30/18 | \$15,000         |                   | \$15,000   |                 |                 |           |              |                    |                             |
| WCEPA1   | HFE Dam Fishway Implementation 12/1/16-6/30/18           | \$180,000        |                   |            |                 |                 |           | \$180,000    |                    |                             |
| WCEPA2   | Oxbow Restoration Phase 3 12/1/16-6/30/18                | \$130,000        |                   |            |                 |                 |           | \$130,000    |                    |                             |
| Total Other Grants:  |  | \$1,494,448      | \$0               |            |                 |                 |           |              |                    |                             |
|  |  |                  |                   |            |                 |                 |           |              |                    |                             |
|  |  |                  |                   |            |                 |                 |           |              |                    |                             |
| TOTAL BUDGET   |  | \$1,810,448      | \$301,000         | \$29,972   | \$200,000       | \$0             | \$940,153 | \$324,323    | \$15,000           |                             |
| TOTAL INCOME   |  | \$1,826,178      |                   |            |                 |                 |           |              |                    |                             |
| Available Unallocated ARC Budget (total income minus total budget) |  | \$ 30,730        |                   |            |                 |                 |           |              |                    |                             |

**Notes**

- (1) Includes fiduciary services, advocacy and administration
- EDS - Executive Director Services, WC - Wayne County, OC - Oakland County Officers and committee members provide assistance to implement most of the ARC tasks. Cost for this assistance is not included in ARC budget.
- (2) Dollar amounts may be adjusted throughout the year as they are estimates of what will be spent during the budget year.
- (3)

**Draft amendments 3/2/17**

FC1 Adds SPAC9 RRAC - Facilitation, Habitat & Fish Project, grant total of \$29,985 will be added to ARC budget **upon grant award** with \$15,000 budgeted in 2017



*Working together, restoring the river*

## ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

### 2017 BUDGET AMENDMENT: Finance Committee Amendment 1

**REQUEST DATE:** March 2, 2017

**LINE ITEM:** Add SPAC9 RRAC Facilitation, Habitat and Fish – **UPON GRANT AWARD**

**COMMITTEE MAKING REQUEST:** Finance Committee

**BACKGROUND:** The Alliance of Rouge Communities (ARC) has submitted a grant application for \$29,985.00 to the MDEQ Office of the Great Lakes, AOC Program, 2017 Public Advisory Council (PAC) to facilitate the “Rouge River AOC PAC Support – Facilitation, Habitat & Fish” project.

**DESCRIPTION OF ANTICIPATED ACTIVITIES:** The Alliance of Rouge Communities (ARC) applied for this grant to fund activities to continue general business activities, development of habitat project descriptions, and sampling for fish in the Rouge River Area of Concern (AOC). The general business activities include the support and facilitation of RRAC meetings, maintaining the RRAC website, and conducting other administrative duties of the RRAC. This grant funding will allow continued development of more in-depth project description sheets for the Rouge AOC Habitat Restoration List Projects. This is a list of priority projects that need to be completed in order to remove the Fish and Wildlife Habitat beneficial use impairment (BUI).

In addition, Fish surveying by FOTR to date has included an update on the current status of the endangered redbreasted dace (*Clinostomus elongatus*), the identification of several new species and provides the most current information on the Rouge fish community. Many areas have relatively healthy fish populations and could be delisted. This work plan would continue the work to characterize the Rouge fish community.

**RATIONALE:** The 2017 budget must be adjusted to reflect this additional funding upon grant award.

**BUDGET:** The total budget is \$29,985 and broken down as \$15,001 – ARC staff, \$11,652 – FOTR and \$3,332 – Wayne County. This amendment adds the SPAC9 grant budget line to the 2017 ARC Budget upon grant award with funding estimated for 2017 activities in the amount of \$15,000. No match is required. The remainder of the grant funds (\$14,985) will be booked in the 2018 budget.

**PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION:** Work will be completed by the ARC Executive Director Staff, Friends of the Rouge and Wayne County.

## UPON GRANT AWARD

Alliance of Rouge Communities  
ECT-ARC 2013 Contract, Appendix O  
Scope of Services for MDEQ-UGL PAC Support Grant: RRAC Facilitation,  
Habitat and Fish Project  
Environmental Consulting & Technology, Inc.  
April 1, 2017 – June 30, 2018

**The total compensation for this scope of services is \$15,001. The ARC will be reimbursed by the MDEQ-UGL for 100% of this cost with no match requirement.**

**The Project:**

The Alliance of Rouge Communities (ARC) has applied for a \$29,985 grant to continue general business activities, development of habitat project descriptions, and sampling for fish in the Rouge River Area of Concern (AOC). The general business activities include the support and facilitation of RRAC meetings, maintaining the RRAC website, and conducting other administrative duties of the RRAC. This grant funding will allow continued development of more in depth project description sheets for the Rouge AOC Habitat Restoration List Projects. This is a list of priority projects that need to be completed in order to remove the Fish and Wildlife Habitat beneficial use impairment (BUI).

**Task 1 – RRAC Business Facilitation**

- ARC staff will facilitate and support the activities of the RRAC. This will include the planning and facilitation of three 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.
- ARC staff will continue updating of the RRAC web page.
- The ARC Staff will prepare and submit narrative and financial status.

**Task 2 – AOC Habitat Project Descriptions**

- The ARC Staff, with the support of RRAC members, will develop more in depth project descriptions for approximately 5 of the 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 MDEQ in order to plan funding priorities for the AOC and for seeking future grants and local match.
- ARC Staff and RRAC will communicate as needed with MDEQ and EPA regarding the projects

**Deliverables:**

- RRAC meeting summaries and agendas.
- Up-to-date website.
- Habitat Restoration Project List.