



James W. Ridgway, P.E.
Executive Director

Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Henry Ford Community College
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
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

DRAFT AGENDA

Thursday, March 13, 2014 1:30 – 3:30 p.m.
Longacre House, Farmington Hills

- | | PAGE |
|---|-----------------------|
| 1. Welcome –Jim Murray, Acting Chair | Information |
| a. Roll Call/Determination of Quorum | |
| b. Introductions of ARC guests | |
| c. Additions or changes to the Draft Meeting Agenda | |
| d. Approval of November 21, 2013 Meeting Summary | Action 1 |
| 2. Green Infrastructure Vision for Southeast Michigan
Kelly Karll, SEMCOG | Information |
| 3. Executive Director Report – ARC Staff | |
| a. 2013 Executive Director’s Annual Report – J. Ridgway | Information 18 |
| b. Legacy Project Update – J. Ridgway | Information |
| c. Permit Update – J. Ridgway | Information |
| d. Grant Status Report – J. O’Meara, A. DeMaria | Information 38 |
| e. 2010 Census and 2015 ARC Dues – A. DeMaria | Information |
| 4. Treasurers/Finance Committee Report – Brandy Siedlaczek, Treasurer | |
| a. 2014 Member Dues | Information |
| b. 2014 A/R and A/P Reports | Information 41 |
| c. 2014 Budget Amendment | |
| i. Finance Committee 1: HOW1 Federal Grant Preparation | Action 43 |
| d. 2011 ECT Contract Amendment | Action 47 |
| i. Extension and Reappropriation of USFS Emerald Ash | |
| e. 2013 ECT Contract Amendment | Action 53 |
| i. Adding HOW Grant for Preparation of Three Federal Grant Applications | |
| 5. Standing Committee Reports – Jim Murray | |
| a. Organization Committee (K. Cave and J. Seymour, Co-Chairs) | Information |
| i. Progress Report | |
| b. PIE Committee (C. Markus, Chair) | Information |
| i. Progress Report | |
| c. Technical Committee (K. Mondora, Chair) | Information |
| i. Progress Report | |
| 6. Report from Cooperating Partners – Jim Murray | Information |
| 7. Report from WCDPS – Kelly Cave | Information |

8. Opportunity for Public Comment –Jim Murray

9. Summary of Actions of Full Alliance – Chris O’Meara

Information

10. Upcoming Meeting Schedule

Information

- Technical Committee meeting - March 25 from 1:30 p.m. - 3:30 p.m. at Farmington Hills City Hall
- PIE Committee meeting - March 27 from 9:30 a.m. - 11:30 a.m. at Bloomfield Township Hall

11. Other Business

12. Adjourn

Action

James W. Ridgway, P.E.
Executive Director



Working together, restoring the river

DRAFT MEETING SUMMARY ALLIANCE OF ROUGE COMMUNITIES

November 21, 2013, 1:30 p.m. – 3:30 p.m.

Summit on the Park, Canton

1. Welcome (Kevin Buford, Chair)

a. **Roll Call /Determination of Quorum** - Roll call was taken. The 25 members listed below were in attendance, which was sufficient for a quorum.

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

b. Introduction of ARC guests

Kevin Buford 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 11, 2013 Meeting Summary

The motion was made by Shawn Keenan, Auburn Hills, to approve the July 11, 2013 meeting summary. It was seconded by Karen Mondora, 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. Green Infrastructure Guardian Award Presentation

Charles Markus, PIE Committee Chair, distributed awards for Green Infrastructure Guardians. These were awarded to entities or communities that have maintained their ARC funded grow zone in hopes of promoting continued maintenance. These award recipients will also be offered a tree that has been donated by Wayne County. The awards recipients were: Beverly Hills, Bingham Farms, Bloomfield Hills, Canton Twp., Farmington, Farmington Hills, Southfield, Cleveland Elementary, Lawrence Technological University and U of M-Dearborn.

2. Executive Director Report

a. Grant Status Report

Ongoing ARC Grant Projects Status

NOAA Habitat Restoration Grant – Oxbow Phase III Design

The ARC completed NOAA contract documents for the grant to design Phase III of the Oxbow at The Henry Ford (Greenfield Village) in Dearborn, which will provide for the final open connection the Oxbow to the channelized portion of the Rouge River. ARC staff have completed the semi-annual reporting for NOAA. Additionally a kick off meeting between ARC Staff, Wayne County and the Henry Ford was conducted to work on site logistics and historical data.

GLRI 1 (Transforming the Rouge)

Project is complete and draft final report was submitted to EPA in August 2013. ARC staff have revised the report based on comments received by EPA and resubmitted in October 2013.

NOAA Fisheries Grant - Wayne Road Dam Removal

This project is complete. Final project and final monitoring reports were submitted to NOAA in September 2013 and approved in October 2013. A final punch list walk was conducted with the contractor and Wayne County at the end of September. The contractor will replace a few trees in November 2013.

MI Water Quality Monitoring Grant

Field efforts have been completed. No illicit connections were found on Pebble Creek. However, high *E. coli* counts were found near a couple homes west of Orchard Lake Rd. indicating that they may have failing septic systems. We are now writing the final report. The end date for this grant is December 31, 2013.

U.S. Forestry/GLRI 2011

The nursery will be delivering a fall planting of trees to the participating ARC communities, who are continuing to plant them. Verification by ARC staff will be conducted. Verification by ARC staff of spring plantings has occurred. There have been some discrepancies that are being worked out with those communities that may have them. ARC staff has applied for a grant extension and budget adjustment with the U.S. Forest Service to extend the grant until June 2014 to allow for another planting by Wayne County and additional verification services.

2012 Public Advisory Council/Great Lakes Commission

The Rouge River Beneficial Use Impairment Report Card was completed by Wayne County, MDEQ, and the RRAC. ARC staff prepared the final progress and financial reports and submitted them to the GLC and MDEQ. Project completed on Oct 30, 2013.

Erb Foundation Capacity Building for the Alliance of Rouge Communities

The scope of work for the Legacy Act proposal has theoretically been approved by EPA. However, there is not an agreement on the appropriate budget. The ARC's original proposed budget (April 2013) was \$1,172,000. However, the EPA's estimated budget (dated September 9, 2013) is \$1,913,000. In September, ARC staff reassessed the budget and scope. This resulted in a revised budget of \$1,572,000. Matching funds have been secured from 3 private partners, the MDEQ, and from this grant that total \$410,000. However, there is a shortfall in matching funds that is between \$140,000 and \$260,000 based on the ARC's revised and EPA's proposed budgets, respectively.

2013 Area of Concern/Public Advisory Committee Grant

ARC staff facilitated the RRAC meeting held in October. This grant also includes the development of project profile sheets for targeted projects that will aid in removal of the Beneficial Use Impairments. Budget: 28,878. End Date: July 31, 2014

Outstanding Grant Applications

NOAA Great Lakes Habitat Restoration Regional Partnership Grant

The ARC was notified on July 10, 2013 that it was not awarded this grant. This grant would have funded Area of Concern activities for fish and wildlife habitat related projects over a three-year period.

U.S. Forest Service/GLRI Mitigate Emerald Ash Borer Impacts Grant

The ARC has applied for \$250,000 to replace 1,835 trees in 12 ARC member communities and Wayne County. This is similar to the grant received by the ARC in 2011.

b. Legacy Project Update

The project team hosted a meeting at the offices of Great Lakes Commission on November 5th. Meeting attendees included Great Lakes Commission's CEO Tim Eder, ARC ED Jim Ridgway, ECT Vice President Sanjiv Sinha, SWW's Principal Tim O'Brien, and MDEQ-Office of Great Lakes Director Jon Allan. Mr. Allan has indicated some possibility of seeking additional match from MDEQ's Water Division, and has requested that the Project Team meet with Water Division Director as the next step to verify whether or not it is indeed possible. Mr. Allan has further advised that the project team conclude their negotiations with the EPA and formally make another request to reduce the cost to \$1.57 Million (instead of EPA's proposed cost of \$1.9 Million). Project Team has forwarded that request to USEPA's Legacy Act Division Director, and has sought a meeting with MDEQ's Water Division Director. If the Team is able get another \$100,000 from MDEQ, it believes that it can go back to the private sector co-sponsors for additional match to bridge the gap. If the Team is unable to get additional match from MDEQ, it plans to recommend to ARC's Executive Committee to abandon the effort.

c. Permit Update

Jim Ridgway reported that a meeting is set for December 6, with a small group from the Executive Committee, Jon Allan, Dan Wyant and Bill Rustem with MDEQ to follow up on

the ARC's desire for a watershed-wide permit and to discuss the challenges that the ARC communities are facing.

Karen Mondora, Farmington Hills, discussed the ruling in September on the Headlee aspect of the contested case and how it contradicts the ruling on Lansing's and Jackson's stormwater utilities. She said Charlie Dunn filed a motion to have the Supreme Court take it up and we will have to wait to see if they decided to hear the case or not.

Annette DeMaria, ARC Staff, reminded members that progress reports are due 3/30/14 for work through the end of 2013.

d. ARC 2014 Focus and Benefits

Jim Ridgway reviewed the 2014 ARC Focus and Benefits sheet that was handed out which focus ARC activities on compliance with the MS4 permit. Other activities that have previously been performed by the ARC will only be considered if grants fully fund the activity unless approved by the Executive Committee. Jim Ridgway stated that the officers have had many discussions about where the ARC is going and what we should look like in the future. What kind of services is the ARC going to provide. It is important that the ARC continue to function as the core contact for the Rouge communities and continue to have a voice. The budget and scope for the ARC will be reduced going forward because we are losing the Rouge Project funding. Shawn Keenan, Auburn Hills, voiced his concern about those communities that are in more than one watershed when it comes to focusing on a watershed-wide permit. Jim Ridgway stated that communities can opt out of a watershed-wide permit if it happens.

e. Great Lakes Restoration Message from Senator Debbie Stabenow

Jim Ridgway reviewed the Great Lakes Restoration event that was hosted by the ARC, at no cost to members, which celebrated the restoration efforts in Southeast Michigan. In support of the event Senator Stabenow prepared a video to share at the event. She was planning on attending in person, but was unable due to the federal shut-down. The video was shown to the Full ARC.

3. Treasurers/Finance Committee Report (Brandy Siedlaczek, Treasurer)

a. 2012 Audit

Brandy Siedlaczek, Southfield, reviewed the 2012 A133 Audit results which showed no instances of noncompliance and no significant deficiencies. The motion was made by Shawn Keenan, Auburn Hills, to acceptance the Audit as presented by the Finance Committee. The motion was seconded by Kathy Hagaman, Bingham Farms and passed unanimously.

b. A/R and A/P Reports

Brandy Siedlaczek reviewed the accounts receivable and accounts payable reports.

c. 2013 Budget Amendment

NOAA2 Oxbow Phase III

The ARC has received a \$256,272 federal grant to design the final open cut to the Oxbow located on the channelized portion of the Rouge River at The Henry Ford. The 18-month grant was awarded to the ARC by NOAA, which provides financial and technical assistance to remove dams and barriers, construct fish passages, clean up marine debris,

restore coastal wetlands, and remove invasive species in the region. The activities can begin August 1, 2013. No match is required. This amendment adds the NOAA2 - Oxbow Phase III grant budget line to the 2013 ARC Budget with funding anticipated for 2013 activities in the amount of \$65,000. No match is required. The remainder of the grant funds (\$191,272) will be booked in the 2014 budget.

The motion was made by Jacy Garrison, Oakland County, to approve the 2013 Budget Amendment adding the NOAA grant to fund the Oxbow Phase III as presented by the Finance Committee. The motion was seconded by Don Rohraff, Livonia, and passed unanimously.

TC6 IDEP Training 2

As part of a 5 year training plan, in 2013 the ARC offered Illicit Discharge Investigator Training to communities within Macomb, Oakland, Wayne, Washtenaw and St. Clair counties. One hundred and twenty-five (125) people signed up for the training, but, in order to provide the most effective experience, the class size is limited to 60 people. The estimated budget for this initiative is \$5,000. The Washtenaw County Water Resource Commissioners Office has offered to pay up to \$2,500 for the training. The rest of the cost will be paid by Wayne County as part of the federal grant.

The motion was made by Roger Moore, Rochester Hills, to approve the 2013 Budget Amendment adding the TC6 IDEP Training 2 as presented by the Finance Committee. The motion was seconded by Laura Gruzowski, Birmingham, and passed unanimously.

d. 2013 Contract Amendments

NOAA Oxbow Amendment

Brandy Siedlaczek reviewed the contract amendment to the scope of services for the Executive Director Services with ECT adding Appendix C which adds the Rouge Oxbow Restoration Project – Phase III Design budget of \$241,272.

The motion was made by Kathy Hagaman Bingham Farms, to approve the 2013 ECT ED Services Contract amendment adding Appendix C as presented by the Finance Committee. The motion was seconded by Karen Mondora, Farmington Hills, and passed unanimously.

IDEP Training 2 Amendment

Brandy Siedlaczek reviewed the contract amendment to the scope of services for the Executive Director Services, Appendix A with ECT to add a second IDEP training. The total compensation for this scope of services is \$1,300. The ARC will be reimbursed 100% of this cost by the Rouge Grant and the Washtenaw County Water Resources Commissioner's Office. This will fund the 2nd IDEP training held in August 2013.

The motion was made by Roger Moore, Rochester Hills, to approve the 2013 ECT ED Services Contract Third Revision Appendix A Amendment as presented by the Finance Committee. The motion was seconded by Shawn Keenan, Auburn Hills, and passed unanimously.

e. 2014 ARC Budget Recommendations

Brandy Siedlaczek reviewed the 2014 budget recommendations as follows:

- FC1 – Accounting/Legal Services, \$17,000 - These funds will be used for the preparation of the 2013 taxes, preparation of the financial report and the required A133 audit. These funds would also cover any legal issues that may arise related to the ARC. This line item is the same as the previous year. This budget item will be paid with 100% ARC dues.
- FC2 – ARC Insurance, \$4,000 – These funds will cover the directors and officers insurance that is required by the ARC Bylaws.

Brandy Siedlaczek reviewed the Executive Director Staff costs which oversees the day-to-day affairs of the Alliance of Rouge Communities, including fiduciary and budgeting services. Additional duties for 2014 include:

- **ARC Meetings (OC1a)** - Staffing and facilitation of the full ARC (3 meetings); the Executive Committee (4 meetings); the Organization Committee (2 meetings); the Finance Committee (3 meetings); the Technical Committee (budget support and 1 meeting); and the PIE Committee (budget support and 1 meeting). This task will also include FOIA requests and activities to meet the Open Meetings Act requirements.
- **Advocate for Rouge River Watershed and Primary Liaison (OC1b)** – The Executive Director will serve as the primary liaison and advocate for the Rouge River Watershed.
- **Quick Books Monthly Tracking and Reporting (OC1c)** – The Executive Director Staff will use Quickbooks for the financial tracking for the ARC including payables and receivables activities.
- **Communication and Administration (OC1d)** - This also includes preparing the 2013 ARC Annual Report along with the 2014 RPO Annual Report for the period January through May of 2014.
- **Pursuing Grant Opportunities (OC1e)** – Executive Director Staff will research and prepare up to 4 grant applications. This represents \$19,874 in non-federal ARC monies to pursue grants in 2014.

The 2014 PIE budget reflects a substantial decrease (\$37,250) in cost from the 2013 budget due to the fact that accommodations had to be made to find budget to pay for the benthic macroinvertebrate sampling that had been paid for by the GLRI grant and ERB foundation for 2011 and 2012. (The ARC paid for this in previous years) Because of ARC budget constraints, the PIE budget was reduced to pay for the sampling, which is the foundation of the ARC's monitoring program. 2014 PIE Committee highlights are:

- (PIE 1) The *Green Infrastructure Activities* task budget is about \$30,000 lower. The ARC will not be creating new grow zones in 2014, nor will we monitor the existing 31 grow zones created by this program since 2009. We eliminated the budget for rain barrel sales, because the sales this year were not as popular (total of 138 rain barrels at 2 events). Additionally, the PIE Initiatives subtask was removed. This was a line item in previous year's budgets to provide funds for activities not described here that we may want to conduct as the year progresses. This item was cut due to budget constraints. The Collaborative PEP activity which was added last year to develop a Collaborative PEP for ARC members had funds added for this budget in order to draft and finalize a Collaborative PEP for the ARC members.
- (PIE 2) The *Public Education Materials* task remains the same as it was in the 2013 budget but redistributes some of the funds for printed materials and giveaways and

to increase the budget for distribution (Wayne County). This task supports the purchase and distribution of seedlings at local events, such as community events, rain barrel sales and HHW collection days. The printing budget will pay for seedling packaging, bookmarks, and magnetic clips.

- (PIE 3) The *Website Maintenance* task budget has been cut by \$2,250 and supports design, writing and maintenance fees for the ARC website.
- (PIE4) The *Watershed Stewardship and Reporting* task supports Friends of the Rouge presenting (with assistance from the ARC and Wayne County) four hands-on workshops for homeowners to design native plant gardens and a grow zone maintenance workshop for participants in the ARC's grow zone project from previous years (2009-12). Additionally, FOTR is working with ARC staff, Wayne County and PIE Committee members to facilitate a Grow Zone maintenance subcommittee to investigate ways to provide for ongoing maintenance of grow zones installed by the ARC, FOTR and Wayne County. *FYI, FOTR will provide \$2,500 match for the workshops that can be used by the ARC against the grant it receives from Wayne County.*

The 2014 Technical Committee (TC) budget is \$118,000 which is \$84,800 (42%) less than the 2013 budget. A SAW grant is being sought to fund some of the activities that are needed, but were cut due to budget constraints. These activities include development of a collaborative IDEP plan, development of a monitoring plan, and conducting water quality monitoring. The 2013 TC activities are summarized below.

- (TC1) The Rouge River Watershed Monitoring Activities task includes:
 - Development of a summary report of the 2013 monitoring data, and
 - Macroinvertebrate monitoring for the Spring Bug Hunt only.
- (TC2) This task will further the development of the Collaborative IDEP plan with a goal of finalizing it in 2014. The plan will include: a description of BMPs, schedule, responsible parties (counties, communities, and ARC), priority area map, and method for determining effectiveness. Member comments will be sought and addressed, and the plan will be submitted to the MDEQ for review.
- (TC3) The IDEP task continues field investigations in priority areas. TC3 allows the ARC to address illicit discharges on a watershed-wide basis, which is far more productive than working on a community by community basis.

The motion was made by Shawn Keenan, Auburn Hills, to approve the 2014 Budget Recommendations as presented by the Finance Committee. The motion was seconded by Lisa McGill, Walled Lake, and passed unanimously.

4. Standing Committee Reports

- a. **Organization Committee** (Chris O'Meara and Annette DeMaria, ARC Staff, reported on behalf of Kelly Cave, Co-Chair)

Funding White Paper

Annette DeMaria, ARC Staff, reviewed the white paper that is available to ARC members on the ARC website at:

<http://www.allianceofrougecommunities.com/PDFs/organization/20131112fundingwhitepaper.pdf>. The white paper describes 1) the ARC's typical budget and a summary of ARC activities 2) the estimated cost to permittee's for complying with the new MS4 permit with and without the ARC's assistance, and 3) the two most practical approaches for securing funding for stormwater management activities: Establishing a Stormwater

Utility and use of the Drain Code. Both approaches will require a shift in thinking for municipalities, elected officials, and the public; stormwater management and compliance is not free. The white paper does not include a recommended approach because the pros and cons of each will vary from community to community.

Revisions to Purchasing Policy

Chris O'Meara, ARC Staff, reviewed the revisions to the Purchasing Policy which incorporated the requirements for the Executive Director and Technical Services Procurement process along with requirements for Vendor Selection Guidelines for Grant Funded Projects when it comes to watershed-wide projects versus area specific projects. These changes allow for more options to the ARC when selecting vendors to complete projects. The motion was made by Amy Sullivan, Village of Franklin, to approve the revised Purchasing. The motion was seconded by Brandy Siedlaczek, Southfield, and passed unanimously.

Revision to Grant Eligibility and Management Requirements Policy

Chris O'Meara, ARC Staff, reviewed the revisions to the Grant Eligibility and Management Requirements Policy which include reorganizing and combining it with the previously approved "Pursuit and Acceptance of Grants Procedure". The most substantive additional change was to add a new section Grant Management which addresses:

- Pursuit and acceptance of grants, including determination of grant match and documentation
- Grant management
- Subgrant eligibility
- Subgrant requirements and management

The motion was made by Shawn Keenan, Auburn Hills, to approve the revised Grant Eligibility and Management Requirements Policy. The motion was seconded by Jay James, Commerce Twp., and passed unanimously.

New Vendor Management Policy

Chris O'Meara, ARC Staff, reviewed the new policy for Vendor Management. This policy ensures:

- Each vendor relationship supports the ARC's overall requirements and strategic plans and meets the requirements and policies of the ARC;
- The ARC has sufficient expertise to oversee and manage the relationship;
- The ARC has evaluated prospective providers based on the scope and criticality of the outsourced services;
- The risks associated with the use of vendors for the ARC's critical operations are fully understood; and
- An appropriate oversight program is in place to monitor each vendor's risk management controls, financial condition and contractual performance.

The motion was made by Adam Wayne, Novi, to approve the Vendor Management Policy. The motion was seconded by Brandy Siedlaczek, and passed unanimously.

The Organization Committee was recognized and thanked for their efforts during the year. The various procedures, policies and bylaw changes bring a lot of value when it comes to applying and receiving grant funds. Most of the policies that have been

recently developed are required for receiving federal funds. The ARC has been recognized by the EPA as being well organized.

b. PIE Committee (Charles Markus, Chair)

Charles Markus, Bloomfield Twp., reported that the PIE Committee held its last meeting in July. The PIE hosted a Grow Zone Maintenance Workshop in September and had 10 participants. Charles Markus reported that the PIE anticipates holding their first 2014 meeting in January to develop a timeline of objectives for the year. The PIE hopes to have a draft Public Education Plan by May. The ARC has 5 workshops planned for 2014 and the possibility of septic system maintenance workshops in 2015.

c. Technical Committee (Karen Mondora, Chair)

Karen Mondora reviewed the ARC's SAW grant application that was provided to the Full ARC. The ARC's application requests \$1,741,667 in grant funds and provides \$358,333 in local match for a total project cost of \$2 million. Effort conducted in 2013 can be used as match or be reimbursed. Approximately \$96,000 in effort has already been incurred or will be incurred as part of the ARC's 2013 and 2014 budget. The application will be submitted by December 2nd.

The deliverables for the grant are listed below. Most of them are required in the next MS4 permit application:

- Collaborative PPP Plan
- Collaborative PEP Plan
- Public Attitude Survey Report
- Collaborative IDEP Plan
- Permittee-specific Assessment of IDEP-related Codes/Ordinances
- Suggested language to modify existing IDEP ordinances
- Stormwater Outfall Map
- Permittee-Specific Municipal Facility Pollution Prevention Plans
- Permittee-Specific Catch Basin Prioritization Maps
- Permittee-Specific Street Sweeping Prioritization Maps
- GH/P2 SOPs
- Employee Training Plan
- Contractor GH/P2 Awareness and Oversight Procedures
- Ecosystem monitoring data for three years
- Preliminary Assessment of Funding Options
- Public Outreach Framework for implementing a stormwater funding option
- Stormwater Funding Recommendations

The motion was made by Kathryn Hagaman, Bingham Farms, to approve the resolution accepting the SAW grant application. The motion was seconded by Amy Sullivan, Village of Franklin, and passed unanimously.

5. Report from Cooperating Partners

Rouge River Advisory Council

Bill Craig, RRAC, gave a presentation on the new Rouge River Watershed Great lakes AOC Beneficial Use Impairment 2013 Report Card. Copies of the report were handed out as

well and can be downloaded from the RRAC website at www.allianceofrougecommunities.com/rrac.html.

Friends of the Rouge

Sally Petrella announced that the Rouge Rescue report is available on their website and that they had over 1,700 volunteers. She announced that they had 26 sites for the fall bug hunt with 52 sites of data. FOTR has also sampled the lower sites looking at fish communities related to restoration sites. She announced to the Full ARC that the Stonefly Search is scheduled for January 25, 2014. She stated that the Rouge Water Trail plans are moving forward. They do not have funding yet, but the trail will go from Canton to the mouth of the river. She invited members to attend the Moo, Cluck, Moo fundraiser along with the FOTR Annual Meeting on December 10 where the Best Friend of the Rouge award will be handed out. She also thanked the ARC for supporting FOTR.

6. Report from WCDPS

Noel Mullett, Wayne County, reported on behalf of Kelly Cave. He asked that members forward any 2013 success stories as they start preparing the Rouge Grant progress report and final report.

7. Opportunity for Public Comment

Gary Mekjian, Farmington Hills, discussed the ARC dues. ARC staff was asked to research the 2010 Census to see if it has been finalized and whether the ARC dues would go down based on member community population declines.

Kevin Buford, Chair, asked if MDEQ had any items to share. Andrew Bahrou, MDEQ, stated that they had nothing to report.

Tim Faas, Canton, informed the group that Canton will be going through their MS4 permit audit in early December.

Gary Mekjian, Farmington Hills, asked that members review the recent Senate Bill 677 which addresses sewage backups.

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

- The July 11, 2013 meeting summary was accepted.
- The 2013 Budget Amendment for the NOAA Oxbow Phase III was approved.
- The 2013 Budget Amendment for the TC6-IDEP Training 2 was approved.
- The 2013 ECT Appendix C Contract Amendment adding the NOAA Oxbow Phase III was approved.
- The 2013 ECT Revised Appendix A contract amendment adding a second IDEP training was approved.
- The 2014 ARC Budget Recommendations were approved.
- The Full ARC requested that the ARC Staff determine if the 2010 census data is final and research any adjustments that can be made to the member dues.
- The revised Purchasing Policy was approved.
- The revised Grant Eligibility and Management Requirements Policy was approved.
- The Vendor Management Policy was approved.
- The resolution allowing submittal of the SAW grant application was approved.

- ARC Staff will determine if the 2010 census data is final and research any adjustments that can be made to the member dues.

9. Upcoming Meeting Schedule (C. O'Meara)

- There are no upcoming meetings scheduled until 2014.

10. Adjourn

The motion to adjourn the meeting was made by Kathryn Hagaman, Bingham Farms, and seconded by Charles Markus, Bloomfield Twp. The motion passed unanimously.



2014 ARC FOCUS AND BENEFITS

2014 FOCUS

We are recommending that the focus of the ARC be limited to compliance with the MS4 permit. Other activities that have previously been performed by the ARC will only be considered if grants fully fund the activity unless approved by the Executive Committee. The ARC primary activities over 2014 should target:

- 1) Implementation of a cost-effective watershed-wide permit.
- 2) Completion and MDEQ acceptance of a watershed-wide collaborative Illicit Discharge Elimination Program (IDEP).
- 3) Completion and MDEQ acceptance of a watershed-wide collaborative Public Education Program (PEP).
- 4) Completion and successful acceptance of a Stormwater, Asset Management, and Wastewater (SAW) Grant in December 2013 (and the two subsequent years) to support the cost of MS4 Permit compliance.
- 5) Review 2014 TC and PIE recommended budgets for consistency with above.
- 6) Monitor and harvest applicable grants as they become available.

2014 BENEFITS

Specific benefits to members from the PIE Committee and Technical Committee include:

2014 PIE Committee Benefits

- Comprehensive PEP – will clarify and reduce individual community responsibilities
- Over 15 different public education materials available for distribution
- Trees for the Green Schools program
- Up to 5 workshops on green infrastructure
 - 1 Maintenance Update workshop for stakeholders, and
 - 4 Native Landscaping for Homeowners workshops
- Information on public education activities conducted in the watershed
- Website availability and maintenance

2014 Technical Committee Benefits

- Comprehensive IDEP-- will clarify and reduce individual community responsibilities
- Water Quality Report on conditions of the watershed
- IDEP investigations in priority areas
- Macroinvertebrate monitoring (Fall)
- SAW grant application for Collaborative Stormwater Planning - complete and respond to MDEQ inquiries.

Alliance of Rouge Communities Attendance List

Meeting Date: 11 / 21 / 13

Name	Community	Attended	Initials
	Redford Township	<input type="checkbox"/>	
		<input type="checkbox"/>	
Appel	Lisa	Cranbrook Institute of Science	<input type="checkbox"/>
Balint	John	Pontiac	<input type="checkbox"/>
Ball	Zachare	ECT	<input type="checkbox"/>
Ballnik	Dan	RRAC	<input checked="" type="checkbox"/> DB
Baumgarten	Matt	Lathrup Village	<input type="checkbox"/>
Belair	Bob	Canton Township	<input type="checkbox"/>
Beri	Jim	Melvindale	<input type="checkbox"/>
Beyer	Lori	Washtenaw County Road Commis	<input type="checkbox"/>
Borton	Cory	HRC	<input type="checkbox"/>
Bradley	Cassie	Friends of the Rouge	<input type="checkbox"/>
Buford	Kevin	Westland	<input checked="" type="checkbox"/> ce
Buiten	Mike	Wayne	<input type="checkbox"/>
Byrd	Jim	Wixom	<input type="checkbox"/>
Casari	Tom	Northville Township	<input checked="" type="checkbox"/> TAC
Cave	Kelly	WCDPS	<input type="checkbox"/>
Craig	Bill	RRAC	<input checked="" type="checkbox"/> WHe
Cravens	Jay	Bloomfield Hills	<input type="checkbox"/>
Davis	Paul	Rochester Hills	<input type="checkbox"/>
Dean	Lillian	SOCWA	<input type="checkbox"/>
DeMaria	Annette	ECT	<input checked="" type="checkbox"/> AP
Domine	Wayne	Bloomfield Township	<input type="checkbox"/>
Drabczyk	Laura	University of Michigan-Dearborn	<input type="checkbox"/>
El-Gharib	Ramzi	Wayne	<input type="checkbox"/>
Eudy	Chuck	Farmington	<input type="checkbox"/>

Meeting Date: 11/21/13

Name		Community	Attended	Initials
Faas	Tim	Canton Township	<input checked="" type="checkbox"/>	TF
Fellrath	Patrick	Plymouth Township	<input checked="" type="checkbox"/>	PF
Fortura	Rocco	Oak Park	<input type="checkbox"/>	
Gallogly	James	Northville	<input checked="" type="checkbox"/>	GH
Garrison	Jacy	Oakland County	<input checked="" type="checkbox"/>	JG
Greco	Sam	Henry Ford Community College	<input type="checkbox"/>	
Gruzowski	Laura	Birmingham	<input checked="" type="checkbox"/>	LG
Gruzowski	Laura	Troy	<input type="checkbox"/>	
Gruzowski	Boston Laura	Cory Bloomfield Hills	<input checked="" type="checkbox"/>	CB
Gruzowski	Hanna Laura	Souzan Village of Beverly Hills	<input checked="" type="checkbox"/>	SH
Hagaman	Kathryn	Bingham Farms	<input checked="" type="checkbox"/>	KPH
Hanna	Karen	Friends of the Rouge	<input checked="" type="checkbox"/>	Kh
Howell	Michael	Wixom	<input type="checkbox"/>	
James	Jay	Commerce Township	<input checked="" type="checkbox"/>	JB
Keenan	Shawn	Auburn Hills	<input checked="" type="checkbox"/>	SK
Ketai	Don	Bingham Farms	<input type="checkbox"/>	
Kramarz	Kristina	Dearborn Heights	<input type="checkbox"/>	
Markus	Charles	Bloomfield Twp.	<input checked="" type="checkbox"/>	CM
Marshall	Ellen	SOCWA	<input type="checkbox"/>	
McCallum	Gerry	Orchard Lake Village	<input type="checkbox"/>	
McClary	Darwin	Garden City	<input type="checkbox"/>	
McCusker	Benny	Westland	<input type="checkbox"/>	
McGill	Lisa	Walled Lake	<input checked="" type="checkbox"/>	LM
Mekjian	Gary	Farmington Hills	<input checked="" type="checkbox"/>	GM
Melchert	Ron	Auburn Hills	<input type="checkbox"/>	
Meszler	Tom	Village of Beverly Hills	<input type="checkbox"/>	
Mondora	Karen	Farmington Hills	<input checked="" type="checkbox"/>	KM

Meeting Date: 11/21/13

Name		Community	Attended	Initials
Moore	Roger	Rochester Hills	<input checked="" type="checkbox"/>	kn
Mullen	Arthur	Van Buren Twp.	<input type="checkbox"/>	
Mullett	Noel	WCDPS	<input checked="" type="checkbox"/>	NMS
Murray	Jim	Dearborn	<input type="checkbox"/>	
Nash	Jim	Oakland County	<input type="checkbox"/>	
Olsztyn	Olivia	Bloomfield Township	<input type="checkbox"/>	
O'Meara	Paul	Birmingham	<input type="checkbox"/>	
Owens	Joe	Melvindale	<input type="checkbox"/>	
Paletko	Dan	Dearborn Heights	<input type="checkbox"/>	
Petrella	Sally	FOTR	<input checked="" type="checkbox"/>	sp
Pratt	Evan	Washtenaw County Water Resour	<input type="checkbox"/>	
Putala	Vicki	Farmington	<input type="checkbox"/>	
Puuri	Steve	Washtenaw County Road Commis	<input type="checkbox"/>	
Radtke	Jana	Plymouth Township	<input type="checkbox"/>	
Rice	Heather	Washtenaw County Water Resour	<input checked="" type="checkbox"/>	HA
Rickard	Jill	Northville Township	<input type="checkbox"/>	
Ridgway	Jim	ECT	<input checked="" type="checkbox"/>	ce
Rohraff	Don	Livonia	<input checked="" type="checkbox"/>	DR
Roney	Kevin	Garden City	<input type="checkbox"/>	
Ross	Cyndi	FOTR	<input checked="" type="checkbox"/>	CR
Saif <i>Fuller</i>	Sermed <i>Fred</i>	Orchard Lake Village	<input checked="" type="checkbox"/>	RLA
Scappaticci	Roberto	Romulus	<input type="checkbox"/>	
Schultz	Leigh	Southfield	<input type="checkbox"/>	
Selmi	John	Redford Township	<input type="checkbox"/>	JS
Shermetaro	Gary	Oak Park	<input type="checkbox"/>	
Siedlaczek	Brandy	Southfield	<input checked="" type="checkbox"/>	BS
Sincock	Paul	Plymouth	<input type="checkbox"/>	

Meeting Date: 11/21/13

Name		Community	Attended	Initials
Smrtka	Barb	Farmington Hills	<input type="checkbox"/>	
Snapp	Robert	Cranbrook	<input type="checkbox"/>	
St. Henry	Paul	Livonia	<input type="checkbox"/>	
Staup Wayne	Aaron Adam	Novi	<input checked="" type="checkbox"/>	AW
Sullivan	Amy	Village of Franklin	<input checked="" type="checkbox"/>	AS
Sullivan	Patrick	Northville	<input type="checkbox"/>	
Taylor	Jim	Van Buren Twp.	<input type="checkbox"/>	
Tuomari	Dean	WCDPS	<input type="checkbox"/>	
Vandette	Steven	Troy	<input checked="" type="checkbox"/>	SV
Wagoner	Bryan	Wayne County Airport Authority	<input type="checkbox"/>	
Wayne	Adam	Novi	<input checked="" type="checkbox"/>	
Whitt	L. Dennis	Walled Lake	<input type="checkbox"/>	
Wilson	Tom	Romulus	<input type="checkbox"/>	
Wineka	Jim	Oakland County	<input type="checkbox"/>	
Witte	Eric	Dearborn	<input type="checkbox"/>	
Zoner	Tom	Commerce Township	<input type="checkbox"/>	

Page 5 of 5



Executive Director 2013 Annual Report



**Wayne Road
Dam Removal
Celebration
June 7, 2013**



February, 2014

Submitted by:



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

EXECUTIVE DIRECTOR 2013 ANNUAL REPORT

The 2013 Alliance of Rouge Communities (ARC) Executive Director's Annual Report discusses all of the activities conducted by the ARC in 2013, including routine administration and meetings of the ARC and all of its committees. It also includes results from specific ARC water quality sampling, ARC IDEP activities and public education activities, including workshops and rain barrel sales and developed products. This report may be attached to your annual report to MDEQ, which is due March 31, 2014 for most permittees. If you need any other ARC-related information for your annual report, please contact Annette DeMaria at ademaria@ectinc.com.

TASK 1: MEETINGS

A. FULL ALLIANCE MEETINGS

Staff support was provided for each meeting, including preparation of the agenda (under the direction of the Chair), distribution of the materials prior to the three (3) full ARC 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 28, 2013, Henry Ford Community College

Chuck Hersey, SEMCOG, gave a summary of the Sewer Funding Bills which includes a state operated grant program and a state-operated and managed loan program in addition to the separate federal SRF program. The approximate funding is \$454 million with the maximum possible being \$654 million with the intent to spend these funds over the next five-seven years depending on demand.

The ARC Treasurer reviewed the budget amendment which added a task to develop a Stormwater Financing White Paper that gives the financing options for ARC members after the Rouge Project funding is gone in June 2014.

The revised ARC Bylaws were approved by 22 communities, a new Ban on Texting While Driving policy was approved and the revised Strategic Plan was approved.

The IDEP Training Plan was approved. The goal of the plan is to provide training to the southeast Michigan region focused on illicit discharge elimination and storm water pollution prevention.

A tour of the Henry Ford Community College green roof was given at the close of the meeting.

July 11, 2013, U of M-D Fairlane Center- Dearborn

The Full ARC approved a budget amendment to increase the grant preparation task to allow for the ARC to apply for the MDEQ's Stormwater, Asset Management and Wastewater (SAW) Program.

The Executive Director staff reported that the letter requested by the ARC was sent on July 1, 2013, to Governor Snyder regarding the concern with the ARC member's ability to comply with newly imposed stormwater requirements. A request would be made to meet with Jon Allan, Dan Wyant and Bill Rustem to follow up on the ARC concerns.

A request was approved by the Full ARC to designate The Henry Ford as a Cooperating Partner.

November 21, 2013, Canton

The PIE Committee distributed awards for Green Infrastructure Guardians to Beverly Hills, Bingham Farms, Bloomfield Hills, Canton Twp., Farmington, Farmington Hills, Southfield, Cleveland Elementary, Lawrence Technological University and U of M - Dearborn. These were awarded to entities or communities that have maintained their ARC funded grow zone in hopes of promoting continued maintenance. The recipients were also offered a tree that was donated by Wayne County.



Kevin Buford (left), ARC Chair and Noel Mullett (right), Wayne County with award recipient Kathryn Hagaman of Bingham Farms

The ARC finalized the NOAA contract documents for the grant to design Phase III of the Oxbow at The Henry Ford in Dearborn which will provide for the final open connection of the Oxbow to the channelized portion of the Rouge River.

It was reported that both the GLRI Transforming the Rouge and the NOAA Wayne Rd. Dam Removal projects were completed in 2013.

The ARC Executive Director recommended that as the Rouge Grant funds end May 31, 2014 that the ARC focus on compliance with the MS4 permit. Other activities that have previously been performed by the ARC will only be considered if grants fully fund the activity unless approved by the Executive Committee.

The ARC Treasurer discussed the 2012 A133 Audit results which showed no instances of noncompliance and no significant deficiencies. The 2014 ARC budget of \$666,522 was approved. The budget includes the following line items:

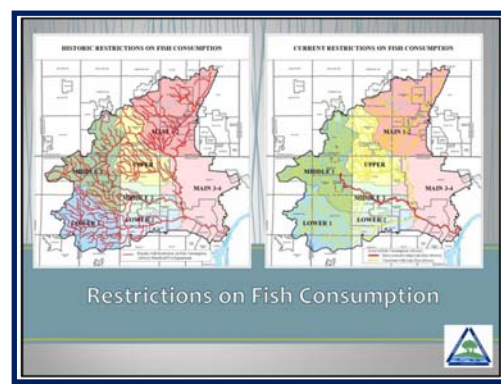
Executive Director Services:	\$123,819
Finance Committee:	21,000
PIE Committee:	63,000
Technical Committee:	118,000
U.S. Forest Service:	60,670
CMI:	10,000
NOAA:	191,272
SPAC:	14,878
Erb Foundation	63,886
Total:	\$666,522

Revisions to the ARC Purchasing Policy, the Grant Eligibility and Management Requirements Policy were approved and a new Vendor Management Policy was approved. These revisions and new policies were made at the request of the ARC auditors to comply with future federal grant requirements.

The required resolution accepting the SAW grant was approved.

Bill Craig, RRAC, gave a presentation on the new Rouge River Watershed Great Lakes AOC Beneficial Use Impairment 2013 Report Card. Copies of the report were handed out as well and can be downloaded from the RRAC website at www.allianceofrougecommunities.com/rrac.html.

Full ARC meeting summaries can be found at:
<http://www.allianceofrougecommunities.com/arcmeetings.html>.



B. EXECUTIVE COMMITTEE

Staff support was provided for three (3) Executive Committee meetings and one (1) Special Executive Committee meeting. Staff support for each meeting included (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 Special Executive Committee meeting) and distribution. This subtask also included ongoing support services for the committee outside of the regular meetings.

The Executive Committee discusses and approves items in advance of full ARC meetings. Agendas and meeting summaries are available on www.allianceofrougecommunities.com. ARC Executive Committee Meetings were held on the following dates:

March 26, 2013, Southfield Parks and Recreation

Executive Director Jim Ridgway reported that the state seems to still be moving forward with the permit. The Alliance of Downriver Watersheds (ADW) sent a letter recently to the Governor expressing its concerns. The ARC has not prepared anything formally. Jim asked if the Executive Committee would like the Executive Director staff to draft a letter and to share with the ARC membership to see if the ARC wants to send a letter as well. It was discussed by the Executive Committee and agreed that Jim would send the ADW letter out again and inform the Full ARC that a discussion was planned for the next Full ARC meeting to determine if the ARC members felt it would be beneficial to express the ARC's concerns as well.

ARC Staff reviewed the budget amendment which added a task to develop a Stormwater Financing White Paper that gives the financing options for ARC members after the Rouge Project funding is gone in June 2014.

ARC Staff informed the Committee that the revised Bylaws had been approved by 22 communities which is enough to pass the revised Bylaws.

ARC Staff reviewed a new Ban on Texting While Driving Policy and the revised Strategic Plan.

June 27, 2013, Dearborn Department of Public Works

The Executive Director reported that the ARC was awarded a NOAA Habitat Restoration Grant to design Phase III of the Oxbow at The Henry Ford in Dearborn and an AOC/PAC grant to facilitate the Rouge River Advisory Council.

The Executive Director staff reported that the letter requested by the ARC will be finalized and sent to Governor Snyder regarding the concern with the ARC member's ability to comply with newly imposed storm water requirements. A request would be made to meet with Jon Allan, Dan Wyant and Bill Rustem to follow up on the ARC concerns.

The Technical Committee Chair informed the Executive Committee that the ARC is eligible to apply for the SAW grant. The Executive Committee requested that the Executive Director Staff prepare a budget amendment to increase the grant preparation task to allow for the ARC to apply for the MDEQ's Stormwater, Asset Management and Wastewater (SAW) Program.

The 2014 ARC Budget Preparation Schedule was distributed.

A request was made by The Henry Ford to become a Cooperating Partner.

August 8, 2013, Special Meeting Regarding Legacy Act Guidance, Farmington Hills

A special meeting was held regarding the status and future steps of the Erb Foundation Capacity Building grant for the ARC to conduct a remedial investigation and feasibility study to address the contaminated sediments in the lower 3 miles of the Rouge River Main Channel.

November 12, 2013, Farmington Hills

The ARC finalized the NOAA contract documents for the grant to design Phase III of the Oxbow at The Henry Ford in Dearborn which will provide for the final open connection of the Oxbow to the channelized portion of the Rouge River.

It was reported that both the GLRI Transforming the Rouge and the NOAA Wayne Road Dam Removal projects were completed in 2013.

The Erb Foundation Capacity Building project was discussed. The scope of work for the Legacy Act proposal has theoretically been approved by EPA. However, there is not an agreement on the appropriate budget. If the team is unable to get additional match to make up the difference then the team plans to recommend to the Executive Committee to abandon the effort.

The Rouge Grant funds are ending May 31, 2014 and the ARC focus on compliance with the MS4 permit were discussed. Other activities that have previously been performed by the ARC will only be considered if grants fully fund the activity unless approved by the Executive Committee.

The ARC Treasurer discussed the 2012 A133 Audit results which showed no instances of noncompliance and no significant deficiencies. The 2014 ARC budget of \$666,522 was reviewed.

Revisions to the ARC Purchasing Policy, the Grant Eligibility and Management Requirements Policy, and a new Vendor Management Policy were reviewed. These revisions and new policies were made at the request of the ARC auditors to comply with future federal grant requirements.

The required resolution accepting the SAW grant was approved.

ARC Executive Committee meeting summaries can be found at:
<http://www.allianceofrougecommunities.com/arcmeetings.html> .

C. ORGANIZATION COMMITTEE

Staff support was provided for three (3) regular meetings, including preparation of the agenda (under the direction of the Organization Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken).

The ED Staff monitored the member adoption of the revised ARC Bylaws and reported that 26 communities adopted them by September 2013.

The Organization Committee drafted a white paper on possible storm water financing options since the Rouge Program Office (RPO) grants will end June 1, 2014. The RPO grant has historically provided 50% of the ARC's budget, and a plan must be implemented to provide for the lost grant funding.

Additionally, the committee reviewed and recommended The Henry Ford as a Cooperating Partner.

The Organization Committee made revisions to the ARC's Strategic Plan which included updates to the mission, vision and goals and brings the document up to date.

The Organization Committee made revisions to the ARC Purchasing Policy, the Grant Eligibility and Management Requirements Policy, and created a new Vendor Management Policy and a Ban on Texting While Driving policy that were adopted by the Full ARC in 2013.

The Organization Committee met on the following dates:

- ◆ January 8, 2013, Bingham Farms
- ◆ February 7, 2013, Dearborn
- ◆ September 25, 2013, Wayne

D. PUBLIC INVOLVEMENT AND EDUCATION (PIE) COMMITTEE

Staff support was provided for three (3) regular meetings, including preparation of the agenda (under the direction of the PIE Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Staff provided ongoing support services for the committee outside of regular meetings. PIE meetings were held on the following dates:

- ◆ March 7, 2013, Southfield
- ◆ May 23, 2013, Bloomfield Township – demonstration of green infrastructure techniques
- ◆ July 31, 2013, Bloomfield Township

Staff also attended the Friends of the Rouge PI Task Force meetings on:

- ◆ January 9, 2013
- ◆ April 10, 2013
- ◆ May 1, 2013
- ◆ June 5, 2013
- ◆ July 10, 2013
- ◆ September 4, 2013
- ◆ October 2, 2013
- ◆ November 6, 2013

ED Staff met with the Cranbrook Institute of Science on April 4, 2013 to discuss partnership activities. Specific PIE Committee activities are listed under Task 3.

E. TECHNICAL COMMITTEE

Staff support was provided for two (2) regular committee meetings. Activities included preparation of the agenda (under the direction of the Technical Committee Chair), distribution of the materials prior to

the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Ongoing committee support services were also provided and include transferring the Rouge WebView online monitoring database to Wayne State University for them to maintain beginning in 2013.

Technical Committee Meetings were held on the following dates:

- ◆ June 20, 2013, Farmington Hills
- ◆ September 4, 2013, Farmington Hills

Specific Technical Committee activities are listed under Task 4.

F. SUBWATERSHED ADVISORY GROUPS (SWAGS)

There were no SWAG meetings in 2013.

G. FINANCE COMMITTEE

ED staff worked with the Finance Committee to develop and administer the annual budget and work plan. ED staff prepared monthly financial reports, mailed dues invoices to members, collected dues, submitted various grant reimbursement requests and paid the ARC's bills. ED 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. Finance Committee meetings were held at the City of Southfield on the following dates:

- ◆ March 11, 2013, Southfield
- ◆ June 18, 2013, Southfield
- ◆ October 2, 2013, Southfield

ED staff met with Wayne County staff on September 17, 2013 to review the current/projected 2013 expenditures for the Rouge Project funded tasks and the expected 2014 budgets for the Rouge Project funded tasks in an effort to optimize the use of the grant funds.

ED staff worked with the Finance Committee to make revisions to the ARC's Accounting Procedures Manual as requested by the auditors to include information required by federal funders.

H. ADMINISTRATIVE OVERSIGHT/ONGOING SUPPORT SERVICES

ED staff provided ongoing support services to the above committees on an as-needed basis.

TASK 2: ADVOCACY AND ADMINISTRATION

A. FREEDOM OF INFORMATION ACT (FOIA) AND OPEN MEETINGS ACT – STATE LAW REQUIREMENTS

The ARC did not receive any FOIA requests in 2013.

B. ROUTINE DISTRIBUTION OF MATERIALS

Materials distributed in 2013 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.

C. ADVOCATE FOR ROUGE RIVER WATERSHED & PRIMARY LIAISON

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

Outreach Activities

Great Lakes Advisory Board -Jim Ridgway was named to the USEPA Great Lakes Advisory Board (GLAB). He will be advocating for ARC communities as well as all communities within the Great Lakes basin. The Great lake Advisory Board supports the EPA and all other federal agencies in their efforts to restore and protect the Great Lakes.

Celebration of the removal of the NOAA funded Wayne Road Dam and restoration of the Lower Rouge Fishery - ED staff organized and attended the celebration of the removal of the Wayne Road Dam on June 7, 2013 in Wayne which was attended by 45 people. The celebration included remarks by Wayne Mayor Abdul Haidous, Wayne County Executive Robert Ficano, Congressman John Conyers, Jr., ARC Chair Kevin Buford and NOAA representative John Bratton. Refreshments were provided, a ribbon cutting ceremony was done, canoe rides and walking tours were available, a bug hunt was conducted by FOTR and display tables were set up by project partners.

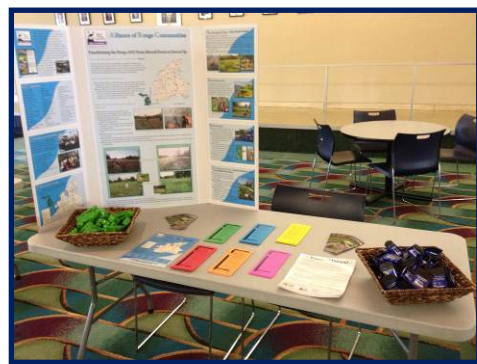


Wayne Mayor Haidous (front) canoeing the Rouge River now that the Wayne Rd. Dam has been removed

National Conference on Ecosystem

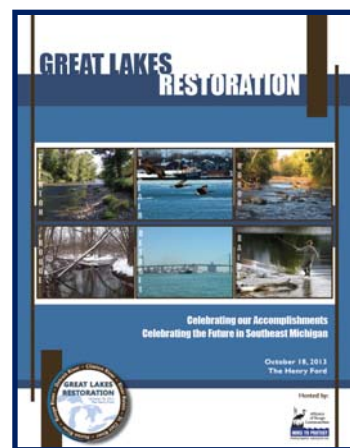
Restoration - ED staff, at no cost to the ARC, attended, prepared and manned poster presentations for the GLRI funded Danvers Pond Dam Removal project, the Wayne Rd. Dam Removal and River Restoration project and the Transforming the Rouge project. The conference was held in Chicago in August 2013.

Green Your Neighborhood -ED created a display board and staffed a booth on behalf of the ARC at the Green Your Neighborhood event put on by Sierra Club at Wayne County Community College on September 7, 2013. The ARC's board included information on the Transforming the Rouge project and the ARC's other green infrastructure activities.



Oakland County Stormwater Summit -ED staff attended the October 4, 2013, Summit and did a presentation entitled "Shifting from Gray to Green Infrastructure" on behalf of the ARC.

Great Lakes Restoration- ED staff planned, organized and staffed the Great Lakes Restoration event on October 18, 2013 that 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 110 people. The ARC received donations from various firms to sponsor the event, food, preparations of the slides and design and printing costs for a 78-page color book that highlighted grant funded projects within the Clinton, St. Clair, Rouge, Detroit, Huron and Raisin Rivers. Welcomes were done by Patricia Mooradian, President of The Henry Ford and Kevin Buford, 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 Cameron Davis, Senior Advisor to the Administrator of the U. S. EPA which gave the federal perspective.



Additional federal perspective was given by Dr. John Bratton, Acting Director of the National Oceanic and Atmospheric Administration's (NOAA) Great Lakes Environmental Research Laboratory. In support of the event Senator Stabenow prepared a video to share at the event. At the close of the event a tour was given of The Henry Ford's Oxbow that the ARC was recently awarded a NOAA grant to design the connection from the Oxbow to the channelized portion of the Rouge River.



Coffee hour which included slides highlighting restoration efforts in Southeast Michigan



Jon Allan, Office of the Great Lakes interviewing Amy Mangus, SEMCOG during the virtual tour

GLRI Support

Letters were sent by ED Staff on April 14, 2013 to Congressmen Dingell and Levin thanking them for leading the effort for continued support of the Great Lakes Restoration Initiative (GLRI) program. In addition the letters thanked them for their effort to persuade the House Appropriations Committee to sustain level funding to continue the important work of the GLRI.

Statewide Public Advisory Council (SPAC)

ED Staff attended the fall SPAC meeting at no cost to the ARC, which was held on Belle Isle, at the Great Lakes Dossin Museum in Detroit on November 14-15.

Member and General Public Requests

Pontiac informed the ARC staff that they were discontinuing their membership in the ARC.

ED Staff had discussions with DWSD regarding membership in the ARC.

The Executive Director and staff responded to individual inquiries from Henry Ford Community College regarding a resident's questions regarding Erity Dam on the Rouge in Beverly Hills.

The City of Westland requested ED Staff support during their MS4/MDEQ Audit.

DVD copies of the Rouge River Watershed Management Plan were requested by Wayne, Birmingham, Franklin, and Bloomfield Hills.

ED Staff responded to a request by the Wayne Historical Museum and provided a copy of the final report on the Wayne Rd. Dam for their files.

ED Staff responded to resident concerns regarding the Transforming the Rouge Project, specifically the Lola Valley Park plantings.

ED Staff responded to a resident's questions regarding the structure and past leadership of the ARC. ED Staff directed them to the ARC website which includes the ARC's history.

ED Staff responded to questions from the PTO at Jane Addams school regarding maintenance of their grow zone that was designed and planted with an ARC grant in the past.

Storm Water Permit Activities

ED Staff prepared a letter requested by the ARC to Governor Snyder regarding the concern with the ARC member's ability to comply with newly imposed storm water requirements. A request was made to meet with Jon Allan, Dan Wyant and Bill Rustem to follow up on the ARC concerns.

ARC staff and ARC representatives met with MDEQ to receive clarification between the existing Permit and the new application on April 18, 2013. In addition, a pre-meeting was held to develop a list of questions to share with MDEQ at the meeting.

The ED staff kept the ARC members informed about the status USEPA Stormwater Rules throughout 2013.

ED staff prepared a Stormwater Financing White Paper that gives the financing options for ARC members after the Rouge Project funding is gone in June 2014. ED Staff shared a Western Kentucky Stormwater Utility Survey with the Organization Committee and officers.

ED staff forwarded a WEF update to the 1994 publication, User-Fee-Funded Stormwater Utilities, in September, 2013, and informed the ARC communities of a free webinar on September 11, 2013 which provided an overview of the manual.

Partnership Activities

The Executive Director and staff continued to work with the following organizations on a variety of initiatives: Friends of the Rouge, Rouge River Advisory Committee (RRAC), SEMCOG, The Henry Ford, Southeastern Oakland County Water Authority (SOCWA) and the Cranbrook Institute of Science.

D. QUICK BOOKS MONTHLY TRACKING AND REPORTING

ED staff provides financial services in accordance with the ARC's Accounting Procedures Manual. ED 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. ED staff maintained separate general ledger accounts as required by funding source regulations. ED staff maintained financial records and files as required by the ARC Accounting Procedures Manual including grants and vendor contracts. ED staff submitted all required information for grant reimbursement requests and grant reporting. ED staff assisted and provided information for the 2012 financial audit and taxes which was completed on September 25, 2013.

E. ADMINISTRATIVE OVERSIGHT & CONTRACTOR MANAGEMENT

ED 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. Specific activities were discussed in monthly invoice summaries.

F. ARC MARKETING & COMMUNICATIONS STRATEGY

The ARC's GLRI funded Danvers Dam Removal & Stream Restoration was awarded the American Public Works Association Award (APWA) Michigan Chapter Project of the Year Award for Environment – less than \$1 million in May 2013.

A press release was done March 13, 2013 in which EPA Announces Membership of Great Lakes Advisory Board which included Jim Ridgway.

Press releases were prepared by Wayne County and various media outlets reported on the Wayne Road Dam removal event which was held in Goudy Park in Wayne on June 7, 2013.

ARC staff worked with the Huron River Watershed Council who requested to revise the OCWRC/ARC public education piece Waterfront Wisdom, Healthy Habits for Clean Water. ARC staff asked that they give credit to the Oakland County Water Resources Commissioners Office.

An *ARCommunication* newsletter was sent to the membership in February 2013.

G. ANNUAL REPORT

The 2012 ARC annual report was completed and submitted to the ARC in March, 2013.

H. GRANT APPLICATIONS

The Executive Director staff applied for the following grants in 2013 on behalf of the Alliance of Rouge Communities:

- ◆ NOAA Fish and Wildlife Habitat Grant (\$250,000) for The Henry Ford Oxbow Phase III. The ARC was awarded this grant (awarded).
- ◆ Statewide Public Advisory Council Grant (Great Lakes Commission) (\$28,800) to continue to facilitate the RRAC and to develop/update fact sheets with costs on Rouge River Priority Projects to remove Beneficial Use Impairments for possible future funding. The ARC was awarded this grant (awarded).
- ◆ Healing Our Waters, Administered by Freshwater Future (\$15,000) ARC 2014 GLRI Grant Program – to replace funding cuts in 2014 which will drastically impact the ARC's ability to write grants and sustain its momentum in improving the Rouge River for its residents. (awarded)
- ◆ MDEQ SAW Grant (\$1,741,667 grant funds, \$358,333 in match) to provide Collaborative Stormwater Planning for the ARC, Wayne, Oakland and Washtenaw Counties to support

activities related to the MS4 permit application. (award status unknown at the time of this report)

- ◆ The NOAA Regional Partnership three-year grant program to conduct projects in the Rouge River and Detroit River Areas of Concern (not awarded).
- ◆ U.S. Fish and Wildlife Service (\$250,000) 2013 GLRI funding to replace 1,500 trees lost to the Emerald Ash Borer (not awarded).

TASK 3: PIE COMMITTEE TASKS

A. GREEN INFRASTRUCTURE CAMPAIGN

Grow Zones Program

A successful green infrastructure grant program was conducted by the PIE Committee in 2009-12 that has provided funding for 31 small green infrastructure projects across the Rouge River Watershed. ED Staff scheduled field visits to the ARC grow zones for observation of current conditions. The top 10 grow zones were awarded “Green Infrastructure Guardian” certificates.

ED Staff began drafting ARC grow zone project profiles.

Workshops

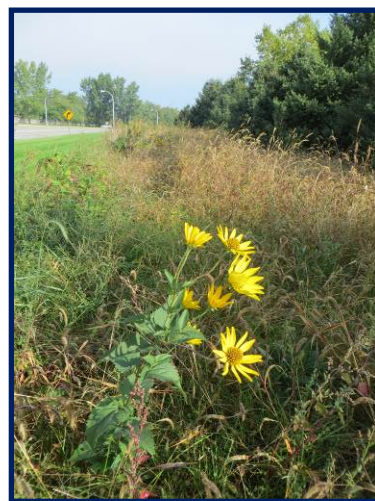
Five workshops were held in partnership with Friends of the Rouge and Wayne County in 2013. They were:

Naturalizing the Home Garden: A Native Design Workshop for Beginners: A total of 118 people attended four workshops to get hands-on experience from experts about how to design a small native garden at their homes. They were held in March and April, 2013 at the following locations.

- ◆ March 12, 2013, Cranbrook Institute of Science
- ◆ March 26, 2013, Canton Township Municipal Services Building
- ◆ April 7, 2013, Henry Ford Community College
- ◆ April 24, 2013, Farmington Hills City Hall

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

ARC Grow Zone Maintenance Workshop: 10 people participated in the September 26, 2013 workshop in Westland. This workshop which focused on assisting ARC members and others who installed ARC grow zones from 2009-11. The main presentation walked participants through a variety of ARC grow zones showcasing both success stories and not so successful projects. Participants took a tour of EL Johnson nature preserve to see what has been done there with grow zones, invasives and other natural areas. The workshop concluded with a 30 minute hands-on, weed pulling exercise.



Grow zone in Melvindale



2013 Rain Barrel/Compost Bin Sales

Two rain barrel sales were held in Bloomfield Township on June 1, 2013 and June 14-15 at Canton Township's Liberty Fest in conjunction with Great Lakes Rain Barrel. A total of 126 rain barrels were sold at both events.

ED staff worked with fourth graders from Conant Elementary School in Bloomfield Twp. who developed a presentation about fresh water, including rain barrel usage. ED Staff attended the presentation on May 9, 2013, which was filmed by Bloomfield cable to promote the rain barrel sale.



Great Lakes Rain Barrel representative with fourth graders from Conant Elementary School

Green Schools

Wayne County staff facilitates the Green

Schools program in Wayne and Oakland Counties for the PIE Committee. The state of Michigan has an official Michigan Green School Law, which encourages all public and private schools to administer energy-saving and environmental activities to become designated as a "Green School". A school is eligible to receive a green, emerald or evergreen school designation if the school coordinator submits proper documentation describing how the school has performed activities from each of the categories: Recycling, Energy, Environmental Protection, Miscellaneous, and Propose Your Own Point. The Green School designation can be achieved by successfully participating in a least 10 activities. The Emerald designation can be achieved by successfully participating in 15 points and the Evergreen designation can be achieved by successfully participating in 20 points. PIE Committee budget for this task was used to purchase 10 trees for schools registered in the Green Schools program in 2013.

As part of the Alliance of Rouge Communities (ARC) 2013 Green Infrastructure Education Campaign, Wayne County's Water Quality Management Division (WQMD) coordinated the purchase of trees for recognized Michigan Green Schools in the ARC. The tree species offered were all native to Michigan and included eastern red bud, northern red oak and sugar maple. The trees were 1.5 inch caliper and depending on the variety, 7'-20' in height. WQMD offered trees to the sixteen (16) schools that were new to the Green School program in the Oakland and Wayne County portions of the Rouge River watershed. Ten schools accepted a tree.

COMMUNITY	TOTAL RAIN BARRELS SOLD THROUGH 2013
Allen Park	15
Auburn Hills	1
Beverly Hills	27
Birmingham	57
Bloomfield Hills	14
Bloomfield Twp.	55
Canton	175
Commerce	12
Dearborn	97
Dearborn Heights	112
Detroit	46
Farmington	40
Farmington Hills	214
Franklin	3
Garden City	139
Highland Park	6
Inkster	10
Lathrup Village	43
Livonia	459
Melvindale	8
Northville	32
Novi	38
Oak Park	8
Plymouth	64
Redford	261
Rochester Hills	105
Romulus	15
Southfield	201
Troy	352
Wayne	39
West Bloomfield	10
Westland	357
Wixom	1
Non-Rouge Communities	565
Other	124
TOTAL	3,705

The ARC also provided white pine seedlings to the sixteen (16) green schools. The seedlings were provided in packs of 30. Informational material including planting instructions, the Value of Trees flyer, Rouge River bookmark, ARC flyer and instructions on registering the tree through the ARC's website were provided for each student receiving a seedling. To date, 168 trees have been registered on the ARC Website.

The list of Rouge River Watershed Green Schools is available on the ARC website at:
<http://www.allianceofrougecommunities.com/PDFs/PI/2013%20Green%20School%20Summary%20Final.pdf>.

The Trees for Green Schools Report can be found on the ARC website at:
<http://www.allianceofrougecommunities.com/PDFs/PI/2013%20ARC%20Green%20School%20Tree%20Summary.pdf>.

B. PUBLIC ED MATERIALS

ED staff made available to ARC members various partner public education materials through the ARC website. More than 4,400 partner material items were distributed to member communities.

ED Staff distributed various public education materials to communities including:

- ◆ Commerce Township
- ◆ Wayne
- ◆ Cranbrook Institute of Science
- ◆ Farmington Hills
- ◆ Washtenaw County
- ◆ Orchard Lake
- ◆ Walled Lake
- ◆ Redford Township
- ◆ Bloomfield Township

Bookmarks

ARC staff developed bookmarks to publicize the ARC and promote Rouge Friendly tips to the public.

They were distributed to the following entities:

12 ARC member communities and agencies (1,075)

7 ARC member community events (1,263)

Green Schools (600)

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 1,700 clips were distributed at rain barrel sales, workshops, partner events, the Wayne Road Dam Removal and River Restoration celebration and the Great Lakes Restoration event.

ARC Public Education Brochure

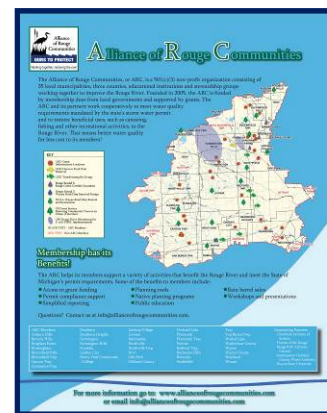
Staff developed a flyer to educate the general public about the ARC and its activities. These brochures were distributed to approximately 2,340 people at rain barrel sales, community events and community facilities, workshops, partner events.

ARC Member Brochure

Staff developed a member brochure that explains the ARC, member benefits, projects and committees. Over 200 brochures were distributed to communities.

Waterfront Wisdom Brochure

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. 697 brochures were distributed to ARC members including Commerce Twp., Orchard Lake, Novi, Walled Lake, Redford Twp., Beverly Hills, Birmingham, Bloomfield Hills, Livonia, Franklin, Bloomfield Twp., and Washtenaw County.



Detention Pond Maintenance Manuals

130 Detention Pond Maintenance manuals were distributed to ARC including Commerce Twp., Walled Lake, Beverly Hills, Birmingham, Bloomfield Hills, Livonia, and Franklin.

Fish Float

Staff developed a floatable key ring with the slogan "Catch me on the Rouge River!" for the Wayne Road Dam Removal and River Restoration celebration event on June 7, 2013. 150 were key were distributed at the event and 250 more were distributed at rain barrel sales and community events.



Wayne Rd. Dam Removal Crystal

Staff developed a crystal award that was given to the 16 partners that were involved in the removal of the Wayne Rd. Dam and river restoration. ED staff saved pieces of the concrete when the dam was being removed. Staff glued the pieces onto the crystal award and it was inscribed with event title, date, funding source and the ARC logo. A card was attached that explained the importance of the piece of concrete and the project.

Seedlings

A total of 2,150 seedlings (Norway Spruce) were distributed at the following events:

Bloomfield Township Rain Barrel Sale, June 1, 2013 (100)

Canton Township Liberty Fest June 14-15, 2013 (850)

SumMore Fest, Southfield, August 6, 2013 (200)

Green Schools: (1,000)

Management and Distribution

Staff developed labels, tree planting instructions and packaged the seedlings for the above mentioned events. Staff designed and ordered materials and distributed materials to ARC members.

C. WEBSITE MAINTENANCE

Staff performed design, writing, editing and general maintenance of the ARC website (www.allianceofrougecommunities.com).

Articles or information published on the “Rouge in The News” section of the website or distributed to members through email in 2013 include:

- ◆ GLRI letter to the House and Senate appropriators in support of continued funding, October 22, 2013.
- ◆ Ask the Expert: New Federal Stormwater Rules - Why We Should Care (and Who's Going to Pay for It) article, by James W. Ridgway, Michigan Association of Counties eNewsletter, October, 2013.
- ◆ Rouge River Trail: Changing Course from Sewer to Scenic Waterway article, by Kurt Kuban, Streamside Journal, March 12, 2013.
- ◆ Where's the Concern: Week Five Great Lakes Echo, February 25, 2013.
- ◆ What Is the Future of Flow-Based Regulations? By Seth Brown, stormwater program and policy manager, Water Environment Federation, February 7, 2013.
- ◆ State Court of Appeals Rules City of Jackson's Stormwater Fee is Illegal, By Lisa Satayut, August 2, 2013, Mlive.com
- ◆ Delay on Release of Proposed EPA Stormwater Rule, June 11, 2013
- ◆ User-Fee-Funded WEF Stormwater Utilities publication and webinar, September 2013
- ◆ EPA Stormwater Rule Making Memo, December 17, 2013

Activities and events published on the “Activities and Events” section of the website or through email in 2013 include:

- ◆ FOTR frog & toad survey events
- ◆ Wayne County Conservation District spring tree & native plant sale
- ◆ FOTR spring bug hunt events
- ◆ FOTR Rouge Rescue
- ◆ FOTR Fundraising events
- ◆ FOTR native plant sales
- ◆ Grow zone maintenance workshops
- ◆ REP fall monitoring day
- ◆ FOTR fall bug hunt events
- ◆ FOTR winter stone fly events
- ◆ Inforum Luncheon with keynote Mark Tercek, CEO of The Nature Conservancy
- ◆ Facility dye testing by Wayne County
- ◆ IDEP Investigator Training Session
- ◆ SEMCOGs Green Infrastructure Visioning Session and Survey
- ◆ FOTR rain garden workshop
- ◆ 319 NPS Request for proposals
- ◆ Various state grant programs
- ◆ WEFTEC Session on Stormwater Policy: national Rulemaking
- ◆ Severstal Deaborn steelmaking facility tour – re-investment to make a dangerous, dirty job into a safe, clean foundation
- ◆ MWEA Green Infrastructure Seminar, December 2013

Documents that were added to the ARC website or emailed to members in 2013 include:

- ◆ Rouge Rescue Reports
- ◆ ARC Executive Directors 2012 Annual Report
- ◆ FOTR Spring Bug Hunt report
- ◆ FOTR Fall Bug Hunt report
- ◆ FOTR winter Stone Fly report
- ◆ FOTR 2013 Annual Report
- ◆ 2012 RREMAR
- ◆ RRAC Rouge River Watershed Great Lakes AOC Beneficial Use Impairment 2013 Report Card Presentation
- ◆ RRAC Rouge River Watershed Great Lakes AOC Beneficial Use Impairment 2013 Report Card
- ◆ SOCWA videos Turning Over a New (Old) Leaf and Naturescaping for the Rouge River
- ◆ Michigan Green Industry Associations' Healthy Lawn Care Program for Watershed Protection
- ◆ Revised Purchasing Policy
- ◆ Revised Pursuit and Acceptance of Grants, Subgrant Eligibility and Grant Management Policy
- ◆ Vendor Management Policy
- ◆ Ban on Texting While Driving Policy
- ◆ ARC Accounting Procedures Manual
- ◆ Outline of new MS4 Stormwater Permit Application
- ◆ Great Lakes Restoration Book
- ◆ 2012 ARC Green Schools Summary
- ◆ White Paper: Mechanisms for Funding Stormwater Management and ARC Membership beyond 2013
- ◆ Final report for the GLRI project Danvers Pond Dam Removal
- ◆ Final report for the GLRI project Transforming the Rouge
- ◆ Final report for the NOAA project Wayne Rd. Dam Removal and River Restoration

D. SEPTIC SYSTEM MAINTENANCE WORKSHOPS

Septic System Maintenance Workshop: 78 people participated in the ARC's septic system maintenance workshops held on May 6, 2013 in Southfield and May 8, 2013 in Farmington Hills. Presentations were made by Annette DeMaria who gave an overview of the work conducted under the CMI grant and Chris Strnad from the Oakland County Health Department who discussed the proper use of septic systems, dos and don'ts; proper installation of septic systems and how to tell if a septic system is failing. Participants who completed surveys said they found the workshops informative.

E. FRIENDS OF THE ROUGE WATERSHED STEWARDSHIP AND REPORTING

Workshops

FOTR worked with the ARC to present four (4) Native Landscaping for Homeowner workshops described above and to present a Grow Zone Maintenance Workshop described above.

This task also includes distribution of an e-newsletter by FOTR.

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 and generated an annual report of the activities it conducted in 2013 that assist ARC members to fulfill storm water permit requirements. The report includes the Frog and Toad Survey, Benthics Monitoring, Rouge Education Project (REP), River Restoration, and Rouge Rescue. 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. The Friends of the Rouge Annual Report outlining its 2013 events, locations and resident attendance by community is included as Friends of the Rouge Annual Report (Attachment A) and can be found on the ARC website at:

<http://www.allianceofrougecommunities.com/PDFs/PI/2013FOTRARCFinalReport.pdf>.

TASK 4: TECHNICAL COMMITTEE TASKS

A. WATER QUALITY MONITORING ACTIVITIES

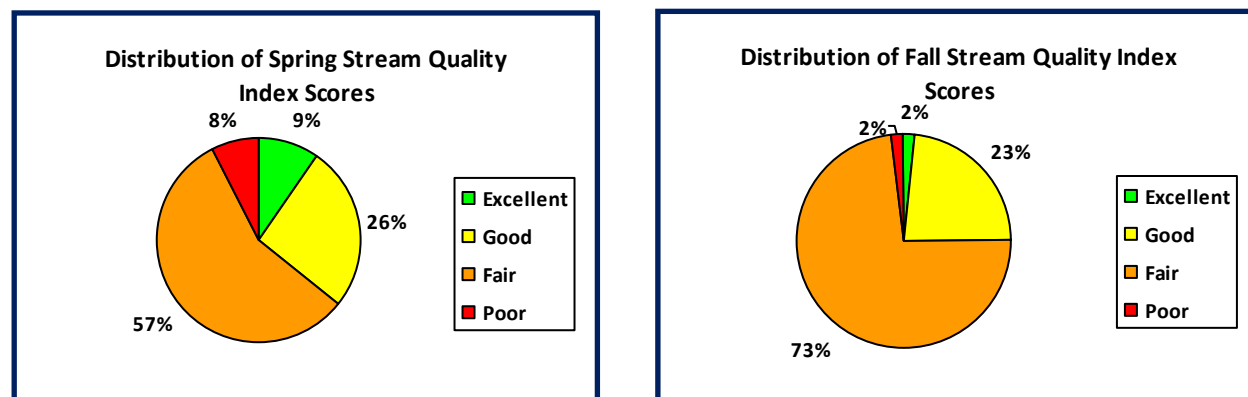
Water Quality Summary

The 2012 Rouge River Ecosystem Monitoring and Assessment Report, describing the results of the 2012 flow and DO data collection effort and an assessment of historic data trends, was completed by ED staff and is available at www.allianceofrougecommunities.com. In addition, all of the historic and 2012 monitoring data which was previously housed on CDM's server was provided to Wayne State University (WSU). WSU has agreed to support online access to the data. The WSU system replaces the Rouge's Web View online system. There is no current deadline for WSU to have the online system running. Data collected through 2011 can still be accessed at www.rougeriver.com/database.

ED Staff communicated with Wayne County and USGS regarding a major log jam identified by USGS on the Lower Branch near Plymouth Rd. in Detroit.

Macroinvertebrate Monitoring

Three macroinvertebrate monitoring events were led by Friends of the Rouge: Spring Stonefly Search (Jan 26th), Spring Bug Hunt (Apr 27th), and Fall Bug Hunt (Oct 19th). Stoneflies, which indicated good stream health, were found in 10 of 36 sites that were surveyed. Most sites surveyed for macroinvertebrates scored Fair for stream quality during both spring and fall conditions. The distribution of stream quality index scores is shown in the charts below. Data trend assessment results for the Fall and Spring sampling efforts can be found in the final reports for each event.



Deliverables:

Rouge River Ecosystem Monitoring and Assessment Report:

http://www.allianceofrougecommunities.com/PDFs/technical/2012_RREMAR_FINAL.pdf

2013 Frog & Toad Survey Results:

<http://www.allianceofrougecommunities.com/PDFs/PI/2013FToadSurvey.pdf>

2013 Friends of the Rouge Stonefly Report:

http://www.allianceofrougecommunities.com/PDFs/technical/2013_Stonefly_Search_Report.pdf

2013 Friends of the Rouge Spring Bug Hunt Report:

<http://www.allianceofrougecommunities.com/PDFs/general/2013%20Spring%20Bug%20Hunt%20Report%20Final.pdf>

2013 Friends of the Rouge Fall Bug Hunt Report:

<http://www.allianceofrougecommunities.com/PDFs/general/2013FallBugHuntReport.pdf>

B. STORM WATER REPORTING SYSTEM

During the second quarter of 2013 the ARC's Reporting System off-site server crashed and backup data was damaged. ARC staff spent time rebuilding the backup to get it back online. It has limited use for individual community reporting given that it is not consistent with members' SWPPIs. ARC staff had anticipated that members would simplify their SWPPI to be consistent with the reporting system, but that did not happen – perhaps due to concerns with the permit/contested case. It was decided by the ARC Technical Committee to take the Reporting System offline in the fall of 2013 due to the lack of interest and funding constraints. It can still be used in the future if the ARC decides to continue funding it.

C. IDEP INVESTIGATIONS AND TRAINING

Oakland County Investigations

Illicit discharge investigations were conducted in 2013 along three Oakland County storm drains: US-16, Law, and Fracassi. Investigations revealed likely or possible illicit sanitary connections at several locations. In some areas, the local communities were contacted to confirm and oversee correction of the illicit connections. In other areas, additional investigations are needed by the Oakland County Water Resources Commissioner (WRC) in order to narrow down potential illicit connections. The suspected problems and recommended follow-up actions are listed below.

Drain	Suspected Problem	Recommended Follow-up Actions
US-16	Likely illicit sanitary connections (unplugged or failed bulkheads) at several storm manholes along Shiawassee Rd.	City of Farmington to confirm results and inspect/plug/repair abandoned sanitary leads or overflows.
Law	Likely illicit sanitary connections from 5 homes along Vailwood Court	Bloomfield Twp to dye test homes to confirm results and oversee correction.
Law	Possible illicit sanitary connections along Wilshire Drive south of Vailwood Ct.	WRC to conduct a CCTV inspection between manhole 7926 and the outlet.
Law	Possible illicit sanitary connections along Sycamore Drive	WRC to conduct additional investigations along the length of the drain.
Fracassi	Possible illicit sanitary connections	WRC to conduct additional investigations along the length of the drain.

Wayne County Investigations

Wayne County conducted dye testing of 3 facilities in the City of Plymouth to determine if plumbing fixtures were properly connected to the sanitary sewer – no illicit connections or discharges were

found. An additional 14 commercial/industrial facilities were dye tested in Plymouth and Plymouth Township – no illicit connections or discharges were found.

Collaborative IDEP Plan

ED staff participated in Collaborative IDEP Plan Work Group held on Feb 21st and Apr 2nd. The Plan was further advanced by adding responsibilities for each activity. This plan is expected to be finalized in 2014.

Participation in IDEP Work Group

ED staff provided support to the Southeast Michigan IDEP Work Group which was organized in 2011. Support in 2013 included preparing and obtaining multiple agency approval on a Regional IDEP Training Plan which outlines the training schedule and responsibilities between Macomb, Oakland, St. Clair and Wayne counties, SEMCOG, the ARC, and ADW. ED staff also gathered a list of IDEP SOPs from the participants, created an outline of the IDEP section of the new permit, reviewed and commented on the agenda, and participated in meetings held on:

- ◆ February 19, 2013
- ◆ May 14, 2013
- ◆ August 23, 2013
- ◆ November 12, 2013

Training

The ED Staff updated slides, discussed speaking assignments and conducted an IDEP training for members on September 24, 2013 in Flat Rock with 56 people attending. A second IDEP training session was conducted on October 22 because the first session was over booked by 70 people. Forty-five people attended the second training which was held in Farmington Hills. The cost for the second training was split between the Rouge Grant and a donation made by the Washtenaw County Water Resource Commissioners office.

Deliverables:

Illicit Discharge Investigation of the US-16, Law and Fracassi Drains in Oakland County Final Report:
<http://www.allianceofrougecommunities.com/PDFs/technical/OCWRC2013IDEPReport.pdf> .

Regional IDEP Training Plan:

<http://www.allianceofrougecommunities.com/PDFs/technical/RegionalIDEPsigned.pdf>

Ongoing ARC Grant Projects Status

NOAA Habitat Restoration Grant – Oxbow Phase III Design

The ARC was completed NOAA contract documents for the grant to design Phase III of the Oxbow at The Henry Ford (Greenfield Village) in Dearborn, which will provide for the final open connection the Oxbow to the channelized portion of the Rouge River. ARC staff will complete the semi-annual reporting for NOAA in April 2014. ARC Staff have completed the QAPP and submitted to NOAA for approval. Monthly team meetings have been ongoing with internal project staff and external agencies. A meeting with MDEQ and USACE has been set for March 11, 2014. Additionally discussions have been on going with the USACOE.

Transforming the Rouge

The Transforming the Rouge project is complete. The final report was approved by EPA and the grant was closed.

Wayne Road Dam Removal

The Wayne Road Dam Removal project is complete. The final report was approved by EPA and the grant was closed.

MI Water Quality Monitoring Grant

The Water Quality Monitoring project is complete. The final report was accepted by MDEQ.

The investigation indicated that human *E. coli* sources are likely impacting Pernick and Pebble creeks.

In the Pernick Creek subbasin, the suspected *E. coli* sources were:

- One or more failing septic systems that serve homes on Farmbrook Road near the creek, and/or
- Illegal dumping of wastewater from a recreational vehicle.

In the Pebble Creek subbasin, the suspected *E. coli* sources were:

- One or more failing septic systems that serve homes at the north end of Green Acre Street;
- One or more failing septic systems that serve homes located between Northwestern Hwy., Wellington Street, Salem Street, Harwich Drive, and Weymouth Court;
- Exfiltration from the sanitary pump station located at Harwich Drive north of New Bedford Drive.; and/or
- Runoff impacted by dog feces.

Recommended actions for the local municipalities (Southfield and Farmington Hills) were provided in the report.

Emerald Ash Borer U.S. Forestry/GLRI 2011

The nursery delivered most of the fall planting trees in November 2013. Some due to the conditions and availability are being held until spring. ARC staff have continued to work with the communities to work through some of the discrepancies between where trees may be and types of species. ARC staff began development of the final report of the activities that have occurred to date for the grant. The ARC has received a grant extension and budget adjustment with the U.S. Forest Service to extend the grant until July 1, 2014 to allow for another planting by Wayne County and additional verification services. Wayne County will be purchasing and planting additional trees this spring.

2012 Public Advisory Council/Great Lakes Commission

The 2012 PAC project is complete. The Rouge River Beneficial Use Impairment Report Card was completed by Wayne County, MDEQ, and the RRAC. ARC staff prepared the final progress and financial reports and submitted them to the GLC and MDEQ.

Erb Foundation Capacity Building for the Alliance of Rouge Communities

The ARC withdrew the proposal for the Remedial Investigation/Feasibility Study in the Lower Rouge Main Channel (The project was short \$210,000 in match). MDEQ has indicated their desire to lead the effort. ARC Staff have requested that Erb allow the ARC to rescope the remainder of the funding (\$88,748) to focus on green infrastructure and public education including support of our Municipal Grow Zone Program, rain barrel sales to homeowners, and riparian corridor management for homeowners.

No response has been received yet from Erb other than that they wanted to talk to the MDEQ.

2013 Area of Concern/Public Advisory Committee Grant

ARC staff is working with RRAC, MDEQ, MDNR and EPA to develop a "short-list" of projects needed to remove the Habitat Beneficial Use Impairment. This includes mapping of problem areas and project sites, as well as discussions with communities on potential project sites.

HOW Federal Grant Writing (Freshwater Futures)

The Alliance of Rouge Communities (ARC) has received a \$15,000 grant to write 3 federal NOAA grant applications. Two grant applications were submitted at the end of February 2014 to NOAA GRLI Habitat Restoration.

Outstanding Grant Applications

U.S. Forest Service/GLRI Mitigate Emerald Ash Borer Impacts Grant

This grant was not awarded.

SAW Grant: Monitoring and Stormwater Management Planning

The ARC applied for a SAW grant in December, 2013 for \$1,741,667 which requires \$358,333 in match. About 27% of the match has already been earned or is in the 2014 budget. The grant covers collaborative plan development and ecosystem monitoring to support to reapplication of the MS4 permits. More specifically, the grant covers:

- Development of a collaborative Public participation plan,
- Development of a collaborative Public education plan,
- Development and implementation of a public attitudes survey,
- Development of a collaborative illicit discharge elimination plan,
- Community specific ordinance review for compliance with the IDEP Ordinance requirements,
- Development of a collaborative total maximum daily load plan,
- Ecosystem monitoring including water quality (dissolved oxygen, E. coli, phosphorus and sediment), macroinvertebrates, and flow,
- Site-specific standard operating procedures (SOPs) development for municipal facilities that impact stormwater quality, and
- Development of a stormwater funding framework in collaboration with the Alliance of Downriver Watersheds.

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

The ARC has applied for \$259,596 in federal funding to provide final design for a fish passage at the Henry Ford Estate Dam. Restoring fish passage at the HFE Dam would provide access to 18 to 36 river miles of the Main, Middle, and Upper Rouge Rivers depending on branch. The design will build upon the previous work done by the USACOE.

NOAA GLRI habitat Restoration: Fish Barrier and Habitat Fragmentation (Study/Design)

The ARC has applied for \$145,664 in federal funding from NOAA to examine and prioritize fish barriers and habitat fragmentation in the Rouge River. The MDNR 1998 Fisheries Assessment states there are 62 dams on the Rouge River. Many of these dams and other barriers serve to fragment the system and block movement of aquatic organisms. This project would prioritize fish passage barriers and prepare conceptual design for one or two priority projects.

10:24 AM

03/06/14

**Alliance of Rouge Communities
A/R Aging Summary
As of March 6, 2014**

41

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Bloomfield Township	16,006.00	0.00	0.00	0.00	0.00	16,006.00
Canton Township	25,432.00	0.00	0.00	0.00	0.00	25,432.00
Livonia	29,013.00	0.00	0.00	0.00	0.00	29,013.00
Melvindale	2,635.00	0.00	0.00	0.00	0.00	2,635.00
Northville Township	9,525.00	0.00	0.00	0.00	0.00	9,525.00
Redford Township	12,168.00	0.00	0.00	0.00	0.00	12,168.00
Rouge River National Wet Weather Dem. Pro	43,755.08	0.00	0.00	0.00	0.00	43,755.08
TOTAL	<u>138,534.08</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>138,534.08</u>

**Alliance of Rouge Communities
2014 Budget - AMENDMENT 1**

Expected Revenues Available for 2014

2014 Dues from Communities	\$	269,195
2014 Rouge Project Grant (estimated)	\$	64,369
Rouge Project Grant Match	\$	1,250
GLRI/FS Grants	\$	48,354
NOAA Grant	\$	242,014
SPAC Grant	\$	24,087
HOW Grant	\$	15,000
ERB Foundation Grant	\$	88,748
Corporate Support	\$	-
Rollover Dues from 2013 Budget (estimated)	\$	11,724
	\$	764,741

Amendment 1 - 3/5/2014

42

Proposed ARC Budget Items		Committee Budget	Funding Source								"Provider" Using Budget (3)
			ARC Dues Jan-Dec	Rouge Grant Jan-May	GLRI Grant	SPAC Grant	NOAA Grant	HOW Grant	ERB Grant	Other Source/Match	
Rouge Grant											
Organization Committee											
(1)OC1	Executive Director Services	\$ 103,945	\$ 80,701	\$ 23,244							EDS
(2)	Pursuing Grant Opportunities	\$ 19,874	\$ 19,874	-							EDS
Organization Committee Total		\$ 123,819	\$ 100,575	\$ 23,244							
Finance Committee											
(2)FC1	Accounting/Legal Services	\$ 17,000	\$ 17,000	\$ -							outside purchase
(2)FC2	ARC Insurance	\$ 4,000	\$ 4,000	\$ -							outside purchase
Finance Committee Total		\$ 21,000	\$ 21,000	\$ -							
Public Education and Involvement Committee											
PIE1	Green Infrastructure Campaign	\$ 28,500	\$ 19,750	\$ 8,750							EDS/WC/ARC
PIE2	Public Ed Materials	\$ 15,500	\$ 11,750	\$ 3,750							EDS/WC/ARC
PIE3	Website Maintenance	\$ 5,500	\$ 4,625	\$ 875							EDS/WC
PIE4	Septic system Maintenance Workshops	\$ -	\$ -	\$ -							
PIE5	Watershed Stewardship and Reporting	\$ 13,500	\$ 6,500	\$ 5,750						\$ 1,250	EDS
PIE Committee Total		\$ 63,000	\$ 42,625	\$ 19,125						\$ 1,250	
Technical Committee											
TC1	Rouge River Watershed Monitoring Activities	\$ 25,500	\$ 16,500	\$ 9,000							WC/EDS/FOTR
TC2	Collaborative IDEP Plan	\$ 10,000	\$ 5,000	\$ 5,000							EDS/ARC
TC3	IDEP	\$ 82,500	\$ 74,500	\$ 8,000							EDS/WC/OC
Technical Committee Total		\$ 118,000	\$ 96,000	\$ 22,000						\$ -	
Total Amount Requested by All Committees		\$ 325,819	\$ 260,200	\$ 64,369						\$ 1,250	
			ARC Dues	Rouge Grant	GLRI Grant	SPAC Grant	NOAA Grant	HOW Grant	ERB Grant	Other Source/Match	
Other Grants (4)											
(5)FS1	US Forestry EAB Restoring Community Trees in Urban Watershed	\$48,354		\$48,354							
NOAA											
(6) NOAA2	NOAA2 Oxbow Phase III	\$242,014				\$242,014					
SPAC											
(7) SPAC5	SPAC5 RRAC Facilitation 7/13-6/14	\$24,087			\$24,087						
ERB Foundation											
(8)ERB1	Legacy Act Proposal	\$88,748						\$88,748			
HOW Fresh Water Fugures											
(9) HOW1	HOW1 Federal Grant Preparation	\$15,000					\$15,000				
TOTAL BUDGET		\$744,022	\$260,200	\$64,369	\$48,354	\$24,087	\$242,014	\$15,000	\$88,748	\$1,250	
TOTAL INCOME		\$764,741									
Available Unallocated ARC Budget (total income minus total budget)		\$ 20,719									

Notes

- (1) Includes fiduciary services, advocacy and administration
- (2) Not a Rouge grant eligible item; funded 100% from ARC dues
- (3) 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.
- (4) Dollar amounts may be adjusted throughout the year as they are estimates of what will be spent during the budget year.
- (5) FS1 GLRI/USDA Forest Service grant amount of \$48,354 remains and is budgeted in 2014. Total award is \$374,980.
- (6) NOAA2 grant amount of \$242,014 remains and is budgeted in 2014. Total award is \$256,272.
- (7) SPAC5 grant amount of \$24,087 remains and is budgeted in 2014. Total award is \$28,878.
- (8) ERB1 grant amount of \$88,748 remains and is budgeted in 2014. Total award is \$150,000.

Budget Amendment 1 drafted 3/5/2014

- (9) HOW1 adding HOW Grant for preparation of 3 federal grant applications. Total award is \$15,000 to be spent in 2014.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2014 BUDGET AMENDMENT: Finance Committee Amendment 1

REQUEST DATE: March 3, 2014

LINE ITEM: Add HOW1 Federal Grant Preparation

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The Alliance of Rouge Communities (ARC) has received a \$15,000 grant to write three (3) federal grant applications.

The ARC staff will develop three grant applications in 2014 for federal funding. It is anticipated that the grant applications will include a narrative, budget, timeline and letters of support for the following projects:

- Henry Ford Estate Dam Fish Passage
- Rouge River Fish Barrier and Habitat Fragmentation
- Oxbow Implementation

DESCRIPTION OF ANTICIPATED ACTIVITIES: It is anticipated that the following three grant applications will be developed:

Henry Ford Estate Dam Fish Passage (Design). Restoring fish passage at the HFE Dam would provide access to 18 to 36 river miles of the Main, Middle, and Upper Rouge Rivers depending on branch. The design will build upon the previous work done by the USACOE.

Fish Barrier and Habitat Fragmentation (Study/Design). The MDNR 1998 Fisheries Assessment states there are 62 dams on the Rouge River. Many of these dams and other barriers serve to fragment the system and block movement of aquatic organisms. This project would prioritize fish passage barriers and prepare conceptual design for one or two priority projects.

Rouge Oxbow Restoration – Phase III (Implementation). Implementation of the current design project (NOAA) will provide the final open cut to the Rouge River by using bioengineering techniques, creating riparian habitat and providing slope stabilization

RATIONALE: The 2014 budget must be adjusted to reflect this additional funding.

BUDGET: This amendment adds the HOW1 Federal Grant Preparation budget line to the 2014 ARC Budget with funding anticipated for 2014 activities in the amount of \$15,000. No match is required.

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

February 3, 2014

James W. Ridgeway
Alliance of Rouge Communities (ARC)
4603 Michigan Avenue, Suite 126
Canton, MI 48188

RECEIVED

FEB 26 2014

RE: ARC 2014 GLRI Grant Program

2014 HOW – Federal Project Support CONTRACT LETTER

Initial: JR

Dear James,

I am pleased to inform you that Freshwater Future through the Great Lakes – Healing Our Waters Coalition has granted \$15,000 to Alliance of Rouge Communities (ARC) for the grant period February 1, 2014 through July 31, 2014. This grant will be paid upon receipt of your acceptance as stipulated under “acceptance” below.

Freshwater Future reserves the right to discontinue, modify, or withhold any payments that might otherwise be due under this grant, to require a refund of any unexpended grant funds, or both, if, in Freshwater Future’s judgment:

- 1) Grant funds have been used for purposes other than those contemplated by this commitment letter; or
- 2) Such action is necessary to comply with the requirements of any law or regulation affecting either Alliance of Rouge Communities (ARC)’s or Freshwater Future’s responsibilities under the grant; or
- 3) Grant funds have been used for activities that attempt to influence specific pieces of legislation (lobbying); or
- 4) Alliance of Rouge Communities (ARC)’s performance under the grant has not been satisfactory. Whether Alliance of Rouge Communities (ARC)’s performance has been satisfactory will be determined by Freshwater Future in its sole and absolute discretion.

Freshwater Future’s judgment on these matters will be final and binding on Alliance of Rouge Communities (ARC).

Use of Grant

This grant is to be expended solely in support of the objectives detailed in your proposal received for the Freshwater Future Year Grant cycle and summarized below. (See "Reports.")

Alliance of Rouge Communities (ARC) confirms that this project is under their complete control

and that they are the sole fiscal agent with regard to accounting for this grant.

Grant Accounting

- 1) You are required to maintain financial records for expenditures and receipts relating to this project.
- 2) You may charge this grant only for services performed or equipment and material received during the grant period specified in this letter.
- 3) You may charge this grant only for line item expenditures that were included in your approved budget accompanying your proposal. The addition of new line items must have the prior written approval of Freshwater Future.
- 4) You are required to retain all records and other supporting documentation relating to this grant for five years after the grant's termination date. You are also required to permit Freshwater Future to have reasonable access to your files, records, and personnel during the term of this grant and for five years thereafter for the purpose of making financial audits verifications, or program evaluations.

Reports

Freshwater Future requires one report on this grant, to be submitted no later than August 31, 2014 for the grant period ending July 31, 2014.

Each Report will include two parts:

- 1) A narrative summary indicating the progress achieved toward objectives listed in the original grant proposal (summarized below) and answering questions provided by Freshwater Future.

Project Summary:

This HOW funded project will help build ARC's restoration project plans and provide capacity to prepare applications for federal funding to accomplish these larger restoration goals for the Rouge River. This work will build upon current restoration efforts with GLRI funding to create fish passage on the Lower Rouge, restore a seven-acre wetland, creative native prairie and grow zones and restore tree canopy lost to the Emerald Ash Boer.

- 2) A financial report showing the cumulative line item budget detailed in the approved budget submitted with the proposal, expenditures against each line item since the start of the grant, and balances remaining (or overrun variances) for each line item.

Your report should explain all overrun variances that exceed both \$250.00 and ten percent of the budgeted line item amount.

Your report should include a summary of funding, including any matching funds, (listed by funding source and grant period) received for this project.

The financial report should be signed by the appropriate financial officer of your organization.

Undisbursed Funds

You are required to return any undisbursed project funds to Freshwater Future within three months after the end of this grant. Any refund of less than \$50.00 will be waived.

Compliance With Laws

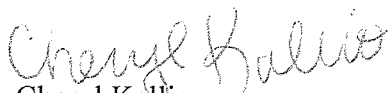
You may not use any portion of these grant funds to undertake any activity for any purpose other than one specified in Section 170(c)(2)(B) of the Internal Revenue Code. Further, Freshwater Future reserves the right to discontinue, modify, or withhold any payments that might otherwise be due under this grant or to require a refund of any unexpended grant funds if, in Freshwater Future's judgment, such action is necessary to comply with the requirements of any law or regulation.

Acceptance

This letter contains the entire agreement between Alliance of Rouge Communities (ARC) and Freshwater Future, and there are no conditions or stipulations, oral or written, governing the use of the grant funds other than those contained in this letter and the proposal submitted by you.

If you agree to the grant conditions stated, sign and return the original of this letter. Please make a copy of the signed letter for your files.

Sincerely,



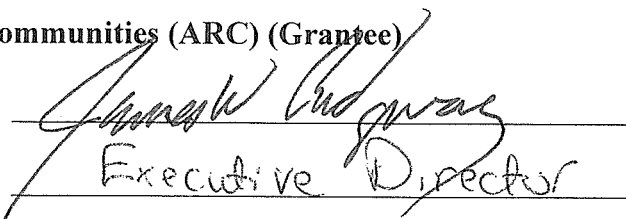
Cheryl Kallio

Associate Director

We acknowledge that appropriate personnel, specifically including the Director of this funded project, have read and understand this letter, that its terms and conditions are acceptable to us, and that we will comply with those terms and conditions.

Alliance of Rouge Communities (ARC) (Grantee)

Authorized Signature



Title

Executive Director

Date Signed

2/27/14

Alliance of Rouge Communities
Executive Director Services
Scope of Services for U.S. Forest Service Grant: Restoring Community Trees
in an Urban Watershed
ARC-ECT 2011 Contract, Appendix I (revised)
Environmental Consulting & Technology, Inc.

January 1, 2012 to July 1, 2014

The total compensation for this scope of services is being increased from \$36,000 to \$66,660, to increase the funding for Project Oversight/Planning; Tree purchases, installation coordination, community location coordination and reporting, and field verification; and Grant Reporting. U.S. Forest Service on November 2012 and 2013 approved extension of the grant and reappropriations of funds. The ARC will be reimbursed by the U.S. Forest Service for 100% of this cost.

Project

The Alliance of Rouge Communities has been awarded a \$374,980 grant from the U.S. Forest Service to replace trees lost to the Emerald Ash Borer infestation in the Rouge River Watershed. The proposed project will restore the urban tree canopy in the Rouge River Watershed – the state of Michigan’s most urban watershed and ground zero for the Emerald Ash Borer (EAB) Infestation beginning in 2002. The newly planted trees will replace those that were damaged or removed because of the effects of EAB. The EAB was particularly devastating to the Rouge River Watershed, since this area was where the invasive species was first discovered. By planting new trees a healthy, functional and more diverse urban tree canopy can be restored in the Rouge River watershed and the effects of storm water pollution, such as soil erosion, air pollution and harmful effects to habitat will be reduced.

Project Tasks

Task 1: Project Oversight; Team Meetings and Planning

Original: January-July, 2012, January-July, 2013

Revised: January –July 2012, January 2013 -March, 2014

Intermediate Steps: Team meeting(s)

Major Milestone: List of trees chosen for planting and map showing planting areas

The ARC, as the applicant, will provide project oversight, coordination with the U.S. Forest Service and project design. ARC staff will have semi-regular meetings with the project partners to determine types of trees; locations for planting and procurement. Representatives will include project partners, State of Michigan Forester and other interested parties. Locations will be determined by the GLRI-Funded “Tree Enhancements on Publicly-Owned Priority Urban Areas,” the Rouge River Watershed Plan and local community plans.

Deliverables: List of non-EAB trees chosen for planting; planting areas; meeting summaries and estimated storm water reduction.

Task 2: Tree Purchase and Installation

Original: August-October, 2012, August-October, 2013

Revised: August – October 2012, April – December 2013, March -June 2014:

Intermediate Step: Procurement process for purchase of trees

Major Milestone: Trees are planted

Additional Milestone: Trees are field verified

Additional Milestone: Dead trees resupplied and verified

Depending on the outcomes of Task 1, the partners will determine if the ARC will procure the trees or if each individual community will purchase trees. Trees will be procured and installed in Fall 2012 and Fall 2013 and additionally in Spring 2013 and Spring 2014. Additionally, the trees will be located in the field and verified for location and type.

Deliverables: List of trees purchased and dates installed and field verification for tree type/location

Task 3: Grant Management and Final Report

Original: January 2012 – January 2014

Revised: January 2012 – July 2014

Intermediate Steps: Quarterly Reports

Major Milestone: Final Report; Measurable Outcomes

The ARC will provide grant management for this grant and write a final report. The final report will include outcomes of planning meetings; tree purchase and planting; location map showing where trees were planted, and measurable outcomes. Additionally, the final reporting will included field verification photos and summaries of tree locations.

Deliverables: Quarterly Reports; Final Report



USDA Forest Service

OMB 0596-0217
FS-1500-19**MODIFICATION OF GRANT OR AGREEMENT**

PAGE OF PAGES

1 2

1. U.S. FOREST SERVICE GRANT/AGREEMENT NUMBER:
12-DG-11420004-0132. RECIPIENT/COOPERATOR GRANT or
AGREEMENT NUMBER, IF ANY:
N/A3. MODIFICATION NUMBER:
A14. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING
GRANT/AGREEMENT (unit name, street, city, state, and zip + 4):Area Director, Northeastern Area State & Private
Forestry

11 Campus Blvd., Suite 200

Newtown Square, PA 19073

(610) 557-4106

lgordon@fs.fed.us

5. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING
PROJECT/ACTIVITY (unit name, street, city, state, and zip + 4):

Ivich Fraser

USDA Forest Service, Northeastern Area

c/o MI NRCS

7203 Jackson Road

Ann Arbor, MI 48103

(304) 376-8222; ifraser@fs.fed.us

6. NAME/ADDRESS OF RECIPIENT/COOPERATOR (street, city, state, and zip +
4, county):

Mr. Tim Faas

Alliance of Rouge Communities

c/o ECT

719 Griswold, Suite 820

Detroit, MI 48226

(734) 394-5160; tim.faas@canton-mi.org

7. RECIPIENT/COOPERATOR'S HHS SUB ACCOUNT NUMBER (For HHS
payment use only):

N/A

8. PURPOSE OF MODIFICATIONCHECK ALL
THAT APPLY:This modification is issued pursuant to the modification provision in the grant/agreement
referenced in item no. 1, above.

CHANGE IN PERFORMANCE PERIOD:



CHANGE IN FUNDING:



ADMINISTRATIVE CHANGES:



OTHER (Specify type of modification): Rebudget, Change in Scope

Except as provided herein, all terms and conditions of the Grant/Agreement referenced in 1, above, remain unchanged and in full
force and effect.

9. ADDITIONAL SPACE FOR DESCRIPTION OF MODIFICATION (add additional pages as needed):

As requested in Zachare Ball's letter dated October 1, 2012, the budget revision and change in scope has been reviewed and approved.
The Application for Federal Assistance dated October 1, 2012 submitted by you is incorporated and made a part of the award.**10. ATTACHED DOCUMENTATION (Check all that apply):**

Revised Scope of Work



Revised Financial Plan



Other:

11. SIGNATURESAUTHORIZED REPRESENTATIVE: BY SIGNATURE BELOW, THE SIGNING PARTIES CERTIFY THAT THEY ARE THE OFFICIAL REPRESENTATIVES OF
THEIR RESPECTIVE PARTIES AND AUTHORIZED TO ACT IN THEIR RESPECTIVE AREAS FOR MATTERS RELATED TO THE ABOVE-REFERENCED
GRANT/AGREEMENT.

11.A. SIGNATURE

11.B. DATE
SIGNED

11/20/12

11.C. U.S. FOREST SERVICE SIGNATURE

11.D. DATE
SIGNED

11/29/12

(Signature of Signatory Official)

(Signature of Signatory Official)

11.E. NAME (type or print): TIM FAAS

11.F. NAME (type or print): TONY L. FERGUSON

11.G. TITLE (type or print): Past Chair

11.H. TITLE (type or print): Area Director



USDA Forest Service

OMB 0596-0217

FS-1500-19

12. G&A REVIEW

12.A. The authority and format of this modification have been reviewed and approved for signature by:

LORI GORDON

U.S. Forest Service Grants & Agreements Specialist

12.B. DATE
SIGNED

11/19/12



USDA Forest Service

OMB 0596-0217
FS-1500-19**MODIFICATION OF GRANT OR AGREEMENT**

PAGE 1 OF PAGES 2

1. U.S. FOREST SERVICE GRANT/AGREEMENT NUMBER:
12-DG-11420004-0132. RECIPIENT/COOPERATOR GRANT or
AGREEMENT NUMBER, IF ANY:
N/A3. MODIFICATION NUMBER:
A24. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING
GRANT/AGREEMENT (unit name, street, city, state, and zip + 4):Area Director, Northeastern Area State & Private
Forestry

11 Campus Blvd., Suite 200

Newtown Square, PA 19073

(610) 557-4106

lgordon@fs.fed.us

5. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING
PROJECT/ACTIVITY (unit name, street, city, state, and zip + 4):

Ivich Fraser

USDA Forest Service, Northeastern Area

c/o MI NRCS

7203 Jackson Road

Ann Arbor, MI 48103

(304) 376-8222; ifraser@fs.fed.us

6. NAME/ADDRESS OF RECIPIENT/COOPERATOR (street, city, state, and zip +
4, county):

Mr. Tim Faas

Alliance of Rouge Communities

c/o ECT

719 Griswold, Suite 820

Detroit, MI 48226

(734) 394-5160; tim.faas@canton-mi.org

7. RECIPIENT/COOPERATOR'S HHS SUB ACCOUNT NUMBER (For HHS
payment use only):

N/A

8. PURPOSE OF MODIFICATIONCHECK ALL
THAT APPLY:This modification is issued pursuant to the modification provision in the grant/agreement
referenced in item no. 1, above.☒ CHANGE IN PERFORMANCE PERIOD: This action changes the ending date to July 1, 2014.☐ CHANGE IN FUNDING:☒ ADMINISTRATIVE CHANGES: Change in Principal Investigator to John O'Meara☒ OTHER (Specify type of modification): RebudgetExcept as provided herein, all terms and conditions of the Grant/Agreement referenced in 1, above, remain unchanged and in full
force and effect.

9. ADDITIONAL SPACE FOR DESCRIPTION OF MODIFICATION (add additional pages as needed):

As requested in Zachare Ball's letter dated August 19, 2013, the request for a budget revision, change in Principal Investigator and six-
month time extension has been reviewed and approved. The Application for Federal Assistance dated August 15, 2013 submitted by
you is incorporated and made a part of the award. Except as set forth above, all other terms and conditions of the agreement shall
remain the same, unchanged, and in full force and effect.**10. ATTACHED DOCUMENTATION (Check all that apply):**☐ Revised Scope of Work☐ Revised Financial Plan☐ Other:**11. SIGNATURES**AUTHORIZED REPRESENTATIVE: BY SIGNATURE BELOW, THE SIGNING PARTIES CERTIFY THAT THEY ARE THE OFFICIAL REPRESENTATIVES OF
THEIR RESPECTIVE PARTIES AND AUTHORIZED TO ACT IN THEIR RESPECTIVE AREAS FOR MATTERS RELATED TO THE ABOVE-REFERENCED
GRANT/AGREEMENT.

11.A. SIGNATURE

11.B. DATE
SIGNED

11.C. U.S. FOREST SERVICE SIGNATURE

11.D. DATE
SIGNEDTim Faas
(Signature of Signatory Official)

11/18/13

Tony L. Ferguson
(Signature of Signatory Official)

11/15/13

11.E. NAME (type or print):

TIM FAAS

11.F. NAME (type or print): TONY L. FERGUSON

11.G. TITLE (type or print):

PAST CHAIR - ARC

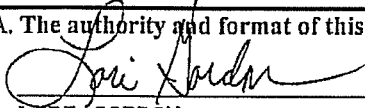
11.H. TITLE (type or print): Area Director



USDA Forest Service

OMB 0596-0217
FS-1500-19**12. G&A REVIEW**

12.A. The authority and format of this modification have been reviewed and approved for signature by:


LORI GORDON

U.S. Forest Service Grants & Agreements Specialist

12.B. DATE
SIGNED

11/15/13

Alliance of Rouge Communities
ECT-ARC 2013 Contract, Appendix D
Scope of Services for HOW Grant: Federal Grant Writing
Environmental Consulting & Technology, Inc.
February 1, 2014 – July 31, 2014

The total compensation for this scope of services is \$15,000. The ARC will be reimbursed by Freshwater Futures for 100% of this cost with no match requirement.

The Project:

The Alliance of Rouge Communities (ARC) has received a \$15,000 grant to write 3 federal NOAA grant applications. It is anticipated that the following three grant applications will be developed:

Henry Ford Estate Dam Fish Passage (Design). Restoring fish passage at the HFE Dam would provide access to 18 to 36 river miles of the Main, Middle, and Upper Rouge Rivers depending on branch. The design will build upon the previous work done by the USACOE.

Fish Barrier and Habitat Fragmentation (Study/Design). The MDNR 1998 Fisheries Assessment states there are 62 dams on the Rouge River. Many of these dams and other barriers serve to fragment the system and block movement of aquatic organisms. This project would prioritize fish passage barriers and prepare conceptual design for one or two priority projects.

Rouge Oxbow Restoration – Phase III (Implementation). Implementation of the current design project (NOAA) will provide the final open cut to the Rouge River by using bioengineering techniques, creating riparian habitat and providing slope stabilization

Task Summary

The ARC staff will develop three grant applications in 2014 for NOAA funding for the projects listed above. It is anticipated that the grant applications will include a narrative, budget, timeline and letters of support for these projects.

Deliverables:

Grant Applications for:

- Henry Ford estate Dam Fish Passage
- Rouge River Fish Barrier and Habitat Fragmentation
- Oxbow Implementation

Freshwater Futures Final Summary Report