



Working together, restoring the river

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

Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Henry Ford Community College
Inkster
Lathrup Village
Livonia
Melvindale
Northville
Northville Twp.
Novi
Oak Park
Oakland County
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
EXECUTIVE COMMITTEE MEETING
Wednesday, May 6, 2015, 1:30 p.m.
Southfield Parks & Recreation, Room 223/224
26000 Evergreen Rd.

1. **Welcome** – Brandy Siedlaczek, Chair
2. **Roll Call of Members** (ECT) and record of others present

<i>Alliance of Rouge Communities Executive Committee</i>		
Officers		
Chair	Brandy Siedlaczek	Southfield
Vice-Chair (and Past Chair)	Jill Rickard	Northville Twp.
Treasurer	Bob Belair	Canton
Counties		
Oakland Co. – Rep.	Jim Nash	OCWRC
Oakland Co. – Alt.	Jim Wineka, Jacy Garrison	OCWRC
Washtenaw Co.- Rep.	Evan Pratt	WCWRC
Washtenaw Co.- Alt.	Heather Rice	WCWRC
Wayne Co. - Rep.	Kelly Cave	WCDPS
Wayne Co. - Alt.	Noel Mullett, Razik Alsaigh	WCDPS
SWAGs		
Main 1 & 2 - Rep.	Wayne Domine	Bloomfield Township
Main 1 & 2 - Alt.	Charles Markus	Bloomfield Township
Main 3 & 4 - Rep.	Vacant	
Main 3 & 4 - Alt.	Vacant	
Upper - Rep.	Karen Mondora	Farmington Hills
Upper - Alt.	Don Rohraff	Livonia
Middle 1 - Rep.	Tom Casari	Northville Twp.
Middle 1 - Alt.	Adam Wayne	Novi
Middle 3 - Rep.	Vacant	
Middle 3 - Alt.	Vacant	
Lower 1 - Rep.	Tim Faas	Canton Township
Lower 1 - Alt.	Vacant	
Lower 2 - Rep.	Ramzi El-Gharib, Mike Buiten	Wayne
Lower 2 - Alt.	Roberto Scappaticci	Romulus

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i. Status Report		
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i. Status Report	Information	
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a. Status Report	Information	
8. Other Business		
9. Summary of Executive Committee Actions (O'Meara)		
10. Upcoming Meetings		
Full ARC Meeting, 1:30 p.m., May 13, 2015, at the Rochester Hills Museum at Van Hoosen Farms (1005 Van Hoosen Road, Rochester Hills)		
11. Adjourn		

James W. Ridgway, P.E.
Executive Director



DRAFT EXECUTIVE COMMITTEE MEETING SUMMARY

November 5, 2014, 1:30 p.m., Southfield Parks & Recreation

1. Welcome – Brandy Siedlaczek, Chair

2. Roll Call of Members

ECT took roll call of members and others in attendance. A quorum was present.

ARC Executive Committee			
Officers			Attended Meeting
Chair	Brandy Siedlaczek	Southfield	Y
Vice-Chair (and Past Chair)	Gary Mekjian	Farmington Hills	N
Treasurer	Bob Belair	Canton	Y
Counties			
Oakland Co. – Rep.	Jim Nash	OCWRC	N
Oakland Co. – Alt.	Jim Wineka, Jacy Garrison	OCWRC	Y
Washtenaw Co. – Rep.	Evan Pratt	WCWRC	N
Washtenaw Co. – Alt.	Heather Rice	WCWRC	Y
Wayne Co. – Rep.	Kelly Cave	WCDPS	Y
Wayne Co. – Alt.	Noel Mullett/Razik Alsaigh	WCDPS	N
SWAGs			
Main 1 & 2 – Rep.	Wayne Domine	Bloomfield Township	N
Main 1 & 2 – Alt.	Charles Markus	Bloomfield Township	Y
Main 3 & 4 – Rep.	VACANT		
Main 3 & 4 – Alt.	VACANT		
Upper – Rep.	Karen Mondora	Farmington Hills	Y
Upper – Alt.	Don Rohraff	Livonia	Y
Middle 1 – Rep.	Tom Casari/Jill Rickard	Northville Township	Y
Middle 1 – Alt.	Adam Wayne	Novi	Y
Middle 3 – Rep.	Kevin Roney	Garden City	N
Middle 3 – Alt.	VACANT		
Lower 1 – Rep.	Tim Faas	Canton Township	N
Lower 1 – Alt.	VACANT		
Lower 2 – Rep.	Ramzi El-Gharib/Mike Buiten	Wayne	N
Lower 2 – Alt.	Roberto Scappaticci	Romulus	N

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

Others Present: Jim Ridgway, Annette DeMaria, John O'Meara, and Chris O'Meara, ECT Staff

3. Additions or Changes to Draft Agenda

There were no additions or changes to the agenda.

4. Summary of May 15, 2014 Executive Committee Meeting

The motion was made by Jill Rickard, Northville Township, to accept the May 15, 2014 meeting summary. The motion was seconded by Karen Mondora, Farmington Hills. Motion passed.

5. Executive Director Report

a. Grant Projects Status

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

ONGOING GRANTS

NOAA Habitat Restoration Grant – Oxbow Phase III Design

All field activities were completed during the last period. These included: soils sampling (and lab analysis), geotechnical investigation, fish sampling, and Threatened & Endangered surveys/assessments. The summaries and reports for the geotechnical, T&E, fish, and hydraulics were developed and finalized. The design plans were completed to a 90% level and the MDEQ joint permit application package has been completed and submitted. Additionally, the USACE Section 408 authorization request package was completed and submitted to them in October 2014. Finally, all NOAA reporting is up to date.

Emerald Ash Borer U.S. Forestry/GLRI 2011

Final report was developed and submitted. Grant is complete and closed.

2014 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 Oxbow implementation Grant will be drafted as a NOAA submittal in November 2014. The grant was extended to accommodate this and will be closed December 2014.

OUTSTANDING GRANT APPLICATIONS

SAW Grant: Monitoring and Stormwater Management Planning

The ARC is on track to receive SAW funding in October 2015. The grant totaled \$1,741,667 plus \$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 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 did not receive this grant. ARC staff have a conference call with agencies to discuss future of project.

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

The ARC did not receive this grant.

US Forestry Service 2014 Tree Grant

The ARC applied for a \$100,000 grant from the US Forestry Service to purchase and plant an estimated 680 trees. No match was offered. The following communities expressed interest in participating in this grant: Wayne County, Bingham Farms, Bloomfield Twp., Canton, Dearborn (no longer a member, so excluded), Farmington Hills, Inkster, Livonia, Oak Park, Plymouth, Plymouth Twp., and Southfield. If other communities are interested in receiving trees, please let ARC staff know.

Other grants with ARC Involvement, but lead by others

FOTR-ARC Merger Investigation

FOTR applied to the Erb Family Foundation for a grant in the amount of \$145,313 to explore merging with the ARC. The goal of this exploratory action is to determine and implement the necessary steps to either a) merge FOTR and ARC into a new nonprofit organization or b) merge services in a manner that will serve both the local municipalities and watershed residents on the matters of storm water permit compliance, watershed restoration, environmental education, and public outreach.

Collaborative GI Retrofits in the Watershed

Wayne County applied to the EPA for a grant in the amount of \$744,913 to construct green infrastructure best management practices at over 60 project sites within the Rouge River watershed.

Collaborative Invasive Species Control in Rouge and Detroit River AOC

Wayne County applied to the EPA for a grant in the amount of \$634,736 to establish and begin implementing an effective management program to address invasive species in the Rouge River and Detroit River Areas of Concern. Containment, eradication, control and mitigation will occur at priority locations. Multi-species assessment and mapping of invasive species will be performed, prioritization tools and criteria used and action taken to control invasive species.

Annette DeMaria stated that ARC staff are watching for another round of the HOW grant funding to fund the preparation of grant applications. ARC Staff will apply for this if it becomes available.

b. MS4 Permit and SAW Grant Funding

Annette DeMaria reported that the ARC anticipates receiving SAW funding in the fall of 2015 which would fund the majority of the MS4 Permit requirements for the applications that are due on April 1, 2016. Work on the Rouge applications may need to start prior to the SAW award in which case ECT may consider working on credit until the funds are received by the ARC. Annette reported that the ARC requested a 6-month extension for the Rouge due dates, but that was denied by the MDEQ. Annette reported that she will be doing a presentation at the Full ARC meeting outlining the benefits to ARC Members from the SAW grant. She got good feedback from members on the actual costs to prepare the application and will share those with the Full ARC.

c. 2010 Census and 2015 ARC Dues

Annette DeMaria reviewed the proposed 2015 ARC dues. A majority of ARC communities' dues will go down in 2015 with some of the communities with increased population going up. Only Canton and Novi, had increases exceeding \$1,000. The motion was made by Karen Mondora, Farmington Hills, to forward the revised dues calculation to the Full ARC. The motion was seconded by Heather Rice, Washtenaw County. Motion passed.

d. Lower Rouge Legacy Update

ARC Staff gave a brief update on the Lower Rouge Legacy project indicating that the state is actively doing data review etc., on the project, and plans to modify the Scope of Work for the RI/FS effort. The state is committed to lead this effort; however, they have run out of the match money for this fiscal year. So the time line seems to be extended. The effort is now entirely in MDEQ's hands, and they are working directly with EPA-GLNPO. At some point, MDEQ will email a copy of the updated Scope of Work to all stakeholders, including the ARC, for review, but the timing is not yet known.

e. Status of the FOTR/ARC Merger Investigation

The FOTR applied to the Erb Family Foundation for a grant in the amount of \$145,313 to explore merging with the ARC. The goal of this exploratory action is to determine and implement the necessary steps to either a) merge FOTR and ARC into a new nonprofit organization or b) merge services in a manner that will serve both the local municipalities and watershed residents on the matters of storm water permit compliance, watershed restoration, environmental education, and public outreach. A response from Erb is expected in December.

6. Standing Committee Reports

a. Finance Committee (B. Belair, Treasurer)

2013 Audit

Bob Belair, Treasurer, reported that the 2013 audit was completed along with the financial statement and taxes. Bob reviewed the A133 Audit results which showed no instances of noncompliance and no significant deficiencies. The motion was made by Jill Rickard, Northville Twp., to forward the 2013 audit to the Full ARC for acceptance. The motion was seconded by Charles Markus, Bloomfield Twp., and passed unanimously.

2014 Dues

Chris O'Meara, ARC Staff, reported that the ARC Staff is doing some follow-up with some communities that have not paid their 2014 dues yet.

A/R and A/P Reports

Bob Belair, Treasurer, reviewed the accounts receivable and accounts payables reports.

2014 Budget Amendment 2 and 3

SPAC6 2014-15 RRAC Facilitation

Annette DeMaria, ARC Staff, reported that the ARC has received a \$39,867 grant to facilitate RRAC activities, develop a Habitat Restoration Project List and to conduct an Amphibian Data Analysis. This amendment adds the SPAC6 2014-15 RRAC Facilitation and Habitat Restoration Project List Development budget line to the 2014 ARC Budget with funding anticipated for 2014 activities in the amount of \$19,933.50. No match is required. The motion was made by Kelly Cave, Wayne County, to forward the SPAC6 budget amendment to the Full ARC for approval. The motion was seconded by Karen Mondora, Farmington Hills, and passed unanimously.

FS2 2014 US Forestry EAB (Pending Grant Award)

John O'Meara reported that the ARC has received a \$100,000 grant to plant roughly 680 trees in areas devastated by the Emerald Ash Borer (EAB) infestation. This amendment, upon grant award, adds the FS2 - 2014 US Forestry EAB Restoring Community Trees in an Urban Watershed budget line to the 2014 ARC Budget with funding anticipated for 2014 activities in the amount of \$5,000. The remaining amount will be budgeted in the 2015 and 2016 ARC budgets. No match is required. ARC Staff anticipate receiving the final grant award contract within the next few weeks. The motion was made by Jacy Garrison, Oakland County, to forward the FS2 budget amendment (pending grant award) to the Full ARC for approval. The motion was seconded by Jill Rickard, Northville Twp., and passed unanimously.

2011 ECT Contract Amendment

Re-appropriation of USFS Emerald Ash

John O'Meara, ARC Staff, reviewed the contract amendment to the scope of services for the Executive Director Services Contract Appendix I with increasing the contract amount by \$4,418.77 for project for project oversight/planning, installation coordination, community location coordination and reporting, field verification and grant reporting as described in the amended Appendix I to the 2011 ECT Contract. He informed the committee that as ARC Staff were preparing the final report and reconciling the grant dollars to close out the grant it was determined that approximately \$6,700 in grant funds would be returned to the USFS unused. ECT had accumulated additional charges (about \$5,400) above contract and is requesting that we be able to invoice a portion of this amount through this amendment. The motion was made by Jill Rickard, Northville Twp., to forward the 2011 ECT contract amendment to the Full ARC for approval. The motion was seconded by Karen Mondora, Farmington Hills, and passed unanimously.

2013 ECT Contract Amendment

Bob Belair, Treasurer, reviewed the contract amendment adding Appendix E which increases the original contract amount by \$22,831 to facilitate RRAC activities and develop a Habitat Restoration Project List. The motion was made by Kelly Cave, Wayne County, to forward the 2013 ECT contract amendment adding Appendix E to the Full ARC for approval. The motion was seconded by Jill Rickard, Northville Twp., and passed unanimously.

Bob Belair, Treasurer, reviewed the contract amendment adding Appendix F which adds the USFS grant to the ECT contract, pending final grant award and increases the overall contract by \$15,000 for Task 1: Project Oversight/Planning/Verification. Annette DeMaria informed the committee that this item is being approved through the Executive Committee and the Full ARC pending award because the ARC Staff anticipate the final award within the next few weeks but we will not have Executive and Full ARC meetings until March of 2015. The motion was made by Jacy Garrison, Oakland County, to forward the 2013 ECT contract amendment adding Appendix F to the Full ARC for approval (pending grant award). The motion was seconded by Jill Rickard, Northville Twp., and passed unanimously.

2015 Budget Recommendations

Bob Belair, Treasurer, reviewed the budget recommendations as presented by the ARC committees.

Annette DeMaria reviewed the Executive Director Services budget for 2015. Duties for 2015 include:

- **ARC Meetings (OC1a)** - Staffing and facilitation of the full ARC (3 meetings); the Executive Committee (3 meetings); the Finance Committee (3 meetings); the Technical Committee (budget support); and the PIE Committee (budget support). 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.
- **Financial Services 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 task includes communication with ARC members, administration of subcontractors and preparing the 2014 ARC Annual Report.
- **Pursuing Grant Opportunities (OC1e)** – Executive Director Staff will research and prepare up to 3 grant applications.

ECT has submitted an estimated 2015 budget of \$81,264 for basic executive director services.

Annette DeMaria reviewed the Finance Committees budget for the accounting/legal services along with the insurance. The insurance has gone down in previous years so this item shows a decrease for 2015 with a total budget of \$19,500.

Charles Markus, PIE Committee Chair, highlighted the PIE activities for 2015 totaling \$60,000:

- (PIE 1) The *Green Infrastructure Activities* task budget is about \$5,000 lower. The ARC will not be creating new grow zones in 2014, nor will monitoring take place. We eliminated the Collaborative PEP activity as the document will be in final draft form by the end of 2014, and will be finalized with the SAW grant. The Green Schools program has the same budget as previous years. The workshops will have a similar overall budget, but will have a different focus in 2015 including *Septic System Maintenance* and *Land Management for Riparian Homeowners* (workshop titles to be determined at a later date).
- (PIE 2) The *Public Education Materials* task has been decreased (\$1,000) from the 2014 budget with some cuts being made to the printing budget and increases made to the plants and distribution sub-tasks. This task supports the purchase and distribution of seedlings/plants at local events, such as community events, and HHW collection days. The printing budget will pay for seedling/plant packaging, bookmarks, new education materials, and magnetic clips. The PIE would like to have the seedling monies available for plants, not just seedlings.
- (PIE 3) The *Website Maintenance* task budget remains the same as it was in the 2014 budget and supports design, writing and maintenance fees for the ARC website.
- (PIE 4) *New Public Education Campaigns* (a new task). The committee is excited to bring new permit related public education materials to ARC members. To support the efforts of the Technical Committee, PIE will create educational materials relating to Illicit Discharge Elimination Programs (IDEP). Additionally, as a way of reinforcing all of the other education and outreach activities of the PIE, the committee will focus efforts in a new campaign aimed at educating the public on the costs of stormwater management.
- (PIE 5) The *Watershed Stewardship and Reporting* task supports the annual reporting of monitoring and public education activities conducted by FOTR, which are items that can also be used by ARC members in their stormwater permit reporting.

Annette DeMaria reviewed the Technical Committees 2015 activities:

The 2015 Technical Committee budget is \$75,500 which is \$41,500 (35%) less than the 2014 budget. Wayne and Oakland County will each provide \$7,500 in matching effort for this activity. This will reduce the dues portion of the budget to \$60,500.

- (TC3) The IDEP task continues field investigations in priority areas and allows for an IDEP Training session. TC1 allows the ARC to address illicit discharges on a watershed-wide basis consistent with the Collaborative IDEP plan.

Annette DeMaria noted that the ARC's SAW grant (expected award in late 2015) will fund additional activities that are typically carried out by the TC. These activities include development of a monitoring plan, finalization of the collaborative IDEP Plan, and conducting ecosystem monitoring.

The motion was made by Jill Rickard, Northville Twp., to forward the 2015 ARC Budget Recommendations to the Full ARC. The motion was seconded by Charles Markus, Bloomfield Twp., and passed unanimously.

b. Organization Committee

Kelly Cave, Wayne County, reported that the Organization Committee has not met in 2014. She informed the committee that she has been working on the final report for the Rouge River National Wet Weather Demonstration Project as the project ended in May of this year.

c. PIE (Public Involvement and Education) Committee

Charles Marcus, Bloomfield Twp., reported that the PIE committee held workshops on native gardens and handed out seedlings at events in Westland and Southfield along with the Cranbrook Water Festival. Charles reported that it was somewhat difficult to hand out all of the seedlings and the committee may look at handing out native plants next year. The workshops for 2015 will be on septs and riparian landowners. The PIE committee will be finishing the Collaborative PEP and will be requesting feedback from ARC members.

d. Technical Committee

Karen Mondora, Farmington Hills, reported that Oakland County is doing their IDEP activities in Farmington, Southfield and Bloomfield Twp. These are all follow-up activities from 2013.

The committee asked if the MDEQ was planning on doing sampling. Karen Mondora replied that they will be sampling the Rouge in 2015 and that the Technical Committee plans to provide input to the MDEQ on their monitoring and sampling plan.

e. Nomination Committee

Brandy Siedlaczek discussed the need for officers for 2015/16. She stated that since she took over earlier this year, along with Bob Belair, she is willing to stay on as Chair unless there is other interest from members. Bob Belair stated that he was willing to be Treasurer as well. Jill Rickard volunteered to serve as Vice Chair. The recommended slate of officer candidates are Brandy Siedlaczek, Chair; Jill Rickard, Vice Chair; and Bob Belair, Treasurer. The motion was made by Charles Markus, Bloomfield Twp., to recommend to the Full ARC this slate, in addition to any nominations from the floor, for the 2015/2016 term. The motion was seconded by Kelly Cave, Wayne County, and passed unanimously.

7. Report from WCDPS

Kelly Cave, Wayne County, reiterated that she has been working diligently on the final grant report for the Rouge Project for the last several months. She distributed the Executive Summary to the committee which included various stats along with a listing of all projects that have been completed with funding from the Rouge Project.

8. Other Business

There was no other business.

9. Summary of Executive Committee Actions

- The motion was approved to accept the May 15, 2014 meeting summary.
- The motion was approved to forward the 2013 Audit to the Full ARC.
- The motion was approved to forward the 2014 Budget Amendments 2 and 3 to the Full ARC.
- The motion was approved to forward the 2011 ECT Appendix I contract amendment to the Full ARC.
- The motion was approved to forward the 2013 ECT contract amendment adding SPAC6 and FS2 to the Full ARC.
- The motion was approved to forward the 2015 ARC Budget recommendations to the Full ARC.

10. Upcoming Meeting(s)

- Full ARC Meeting, November 10, 1:30 p.m. – 3:30 p.m., Inkster City Hall, Council Chambers, 26215 Trowbridge.

11. Adjourn

The motion to adjourn the meeting was made by Karen Mondora, Farmington Hills, and seconded by Bob Belair, Canton. The motion passed.

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[illegible]

ONGOING ARC GRANT PROJECTS STATUS

NOAA Habitat Restoration Grant – Oxbow Phase III Design

Grant is complete. The MDEQ permit was received and the final report developed and submitted.

Emerald Ash Borer U.S. Forestry/GLRI 2011

Complete, final report accepted.

2014 Area of Concern/Public Advisory Committee Grant

ARC staff and Wayne County staff are in the final stages of completing a list of projects needed to remove the Habitat Beneficial Use Impairments. Currently, there are 20 projects totaling \$20 Million. A few more projects will be added. Project descriptions need to be submitted by May 29th for potential inclusion on the list. Once finalized, the list and descriptions will be provided to MDEQ and EPA to aid with prioritizing funding in the Great Lakes.

HOW Federal Grant Writing (Freshwater Futures)

Grant is complete. ARC needs to notify HOW on the outcome of the NOAA Oxbow grant submitted when notified.

FOTR-ARC Merger Investigation

FOTR was awarded a grant from the Erb Family Foundation in the amount of \$110,000 to explore merging with the ARC. This award was \$35,000 less than the request. The ARC is a partner on this project and is receiving \$23,560 from the grant. The goal of this exploratory action is to determine and implement the necessary steps to either a) merge FOTR and ARC into a new nonprofit organization or b) merge services in a manner that will serve both the local municipalities and watershed residents on the matters of storm water permit compliance, watershed restoration, environmental education, and public outreach. A Reorganization Investigation Committee (RIC) was formed by members of the ARC and FOTR and three meetings have taken place.

Collaborative Invasive Species Control in Rouge and Detroit River AOC

Wayne County was awarded an EPA for a grant in the amount of \$634,736 to establish and begin implementing an effective management program to address invasive species in the Rouge River and Detroit River Areas of Concern. Containment, eradication, control and mitigation will occur at priority locations. Multi-species assessment and mapping of invasive species will be performed, prioritization tools and criteria used and action taken to control invasive species. Wayne County is currently developing the QAPP and IAAs with the ARC and other partners.

OUTSTANDING GRANT APPLICATIONS

SAW Grant: Monitoring and Stormwater Management Planning

The ARC is on track to receive SAW funding in October 2015. The grant totaled \$1,741,667 plus \$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 submitted a design grant to NOAA in February 2015 and anticipates hearing on potential funding in June 2015.

NOAA GLRI Habitat Restoration: Oxbow Implementation

The ARC submitted a construction grant to NOAA in February 2015 and anticipates hearing on potential funding in June 2015. This project would implement the designs developed under the NOAA design grant.

US Forestry Service 2014 Tree Grant

The ARC received award of a \$100,000 grant from the US Forestry Service to purchase and plant an estimated 680 trees. No match is required. ARC Staff are in the process of starrng up the grant with IAA for interested communities. The following eleven (11) members expressed interest in participating in this grant (no specific trees numbers designated): Wayne County, Bingham Farms, Bloomfield Twp., Canton, Farmington Hills, Inkster, Livonia, Oak Park, Plymouth, Plymouth Twp., and Southfield.

OTHER GRANTS WITH ARC INVOLVEMENT, BUT LEAD BY OTHERS

Collaborative GI Retrofits in the Watershed

Wayne County was not awarded this grant to construct green infrastructure best management practices at over 60 project sites within the Rouge River watershed.

**US Forestry Service 2014 GLRI Tree Grant
Restoring Tree Canopy in the Rouge River AOC
Administrative Process
April 30, 2015**

In 2015, the ARC was awarded a \$100,000 grant (no match required) from the US Forestry Service to purchase and plant 680 trees (at \$125/tree). The following eleven (11) members expressed interest in participating in this grant (no specific trees numbers designated): Wayne County, Bingham Farms, Bloomfield Twp., Canton, Farmington Hills, Inkster, Livonia, Oak Park, Plymouth, Plymouth Twp., and Southfield. If other communities would like trees, they need to inform ARC staff by June 5, 2015. Communities will be polled as to how many trees they would like. ARC staff will attempt to fill all requests, otherwise, the 680 trees will be divided amongst the communities showing interest.

The process for this Tree Grant will be as follows:

- The ARC member will enter into IAA with ARC for a specified number of trees.
- Trees selected should be native to the Michigan region. A list of the communities' selected tree types shall be submitted to ARC staff for approval prior to purchase.
- Trees are to be 1.5-2.5" caliper for native deciduous trees and 6'-8' B&B tall for Evergreens
- Trees must have at least a one year warranty.
- A community will be reimbursed for each tree at \$125/tree. Example: total community trees 10 x \$125= \$1,250 reimbursed.
- Trees can be purchased and installed on ARC Member's own schedule.
- The ARC member will select, order, plant, and care the trees. Community will also be required to locate trees, provide a GIS map of tree locations and provide a short one page summary of their tree "project" to the ARC. The summary shall include the total number and type of trees actually planted. Community can either use their own contactor or contract for the services.
- All member work needs to be completed no later than June 30, 2016.
- The ARC member will be reimbursed by the ARC 50% of their contract amount upon delivery of trees and the remaining amount upon the ARC's confirmation of the tree installations based on the provided map.
- ARC staff will spot check maps, provide grant coordination, and prepare the final report to the US Forestry Service.

Basis: The process is simple/straight forward this time and will eliminate the confusion that developed under the last Tree grant. Members will sign up for a certain amount of trees, know how much money they will get, handle the work themselves (hopefully with their existing nursery contractors), turn in a map/one page summary and be done.

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05/04/15

Accrual Basis

Alliance of Rouge Communities

Profit & Loss Budget vs. Actual

December 2014 through December 2015

	Dec '14 - Dec 15	Budget
Ordinary Income/Expense		
Income		
47200 · Program Income		
47285 · 2015 ARC Membership Dues	121,725.00	251,435.00
Total 47200 · Program Income	121,725.00	251,435.00
48000 · Grants		
48301 · 2014 RRNWWD Grant	0.00	0.00
48612 · NOAA2 Oxbow Phase III	16,533.73	16,533.73
48903 · GLC PAC Support 6 RRAC Fac2014	0.00	19,934.00
48904 · FS2 US Forestry EAB Rest 2014	0.00	95,000.00
48905 · WCGL1 Inv Spec Col 2014	0.00	15,165.00
48906 · FOTR1 - ARC/FOTR Reorg Inv 2015	0.00	23,560.00
48907 · SAW1 Stormwater Permit app 2015	0.00	1,608,739.00
Total 48000 · Grants	16,533.73	1,778,931.73
Total Income	138,258.73	2,030,366.73
Expense		
60400 · ARC Awards and Grants		
60410 · OC1-Executive Director Services		
60402 · OC1-Meeting Support	0.00	22,523.00
60405 · OC1-Expenses	155.37	2,500.00
60418 · OC1-Advocacy & Liaison	1,673.28	10,783.00
60419 · OC1-Financial Services	2,540.91	15,431.00
60440 · OC1- Administration/Communica	3,547.15	15,087.00
60442 · OC1-Grant Preparation	6,397.13	14,940.00
Total 60410 · OC1-Executive Director Services	14,313.84	81,264.00
60420 · Public Involv. & Education Com.		
60001 · PIE2-Public Ed Materials	0.00	14,500.00
60002 · PIE3-Website Maintenance	0.00	5,500.00
6042 · PIE5-Watershed Steward & Report	601.24	1,500.00
60421 · PIE1-Green Infrast. Campaign	1,459.49	23,500.00
6044 · PIE4 New PE Campaigns/Materials	0.00	15,000.00
Total 60420 · Public Involv. & Education Com.	2,060.73	60,000.00
60430 · Technical Committee		
60004 · TC3-IDEP	1,532.26	60,500.00
Total 60430 · Technical Committee	1,532.26	60,500.00
604603 · SPAC6 RRAC Facilitation 2014	1,679.24	19,934.00
60601 · FS2-US Forestry EAB Grant 2014	0.00	95,000.00
60655 · NOAA2-Oxbow Phase III Design		
606552 · NOAA2C-NOAA Reporting & Public	13,509.27	13,509.27
606553 · NOAA2B-Design and Permitting	3,024.46	3,024.46
Total 60655 · NOAA2-Oxbow Phase III Design	16,533.73	16,533.73
60661 · FOTR1 - Reorg Investigation	0.00	23,560.00
60662 · SAW1 - SW permits	0.00	1,608,739.00
60663 · WCGL1 - WC Inv Species Collab.	0.00	15,165.00
Total 60400 · ARC Awards and Grants	36,119.80	1,980,695.73
60900 · Business Expenses		
60920 · Business Registration Fees	0.00	20.00
60900 · Business Expenses - Other	420.00	420.00
Total 60900 · Business Expenses	420.00	440.00

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Accrual Basis

Alliance of Rouge Communities
Profit & Loss Budget vs. Actual
 December 2014 through December 2015

	Dec '14 - Dec 15	Budget
62100 - Contract Services		
62110 - FC1-Accounting Fees	0.00	15,000.00
62140 - FC1-Legal Fees	0.00	2,000.00
65120 - FC2-Insurance - D&O	902.00	902.00
Total 62100 - Contract Services	902.00	17,902.00
Total Expense	37,441.80	1,999,037.73
Net Ordinary Income	100,816.93	31,329.00
Net Income	100,816.93	31,329.00

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Alliance of Rouge Communities
A/P Aging Summary
As of May 4, 2015

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
TOTAL	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>

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05/04/15

Alliance of Rouge Communities
A/R Aging Summary
As of May 4, 2015

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Auburn Hills	0.00	267.00	0.00	0.00	0.00	267.00
Great Lakes Commission - PAC grant	0.00	0.00	0.00	0.00	7,973.40	7,973.40
Livonia	0.00	28,502.00	0.00	0.00	0.00	28,502.00
Pontiac	0.00	0.00	0.00	0.00	0.00	0.00
Redford Township	0.00	11,610.00	0.00	0.00	0.00	11,610.00
Van Buren Township	0.00	6,652.00	0.00	0.00	0.00	6,652.00
Wayne County Airport Authority	0.00	0.00	0.00	0.00	2,266.00	2,266.00
TOTAL	<u>0.00</u>	<u>47,031.00</u>	<u>0.00</u>	<u>0.00</u>	<u>10,239.40</u>	<u>57,270.40</u>

Alliance of Rouge Communities
DRAFT 2015 Budget (5/6/15 Amendment)

19

Anticipated Revenues Available for 2015

2015 Anticipated Dues from Communities	\$251,435
SPAC Grant	\$19,934
GLRI Grant	\$95,000
FOTR/ERB Foundation	\$23,560
Wayne County Inv. Species Collaboration	\$15,165
SAW Grant	\$350,000
Corporate Support	\$0
Rollover Dues from 2014 Budget (estimated)	\$5,000
	\$760,094

Approved by Full ARC: 11/10/14

DRAFT Amendment 1: 5/6/14

Proposed ARC Budget Items		Committee Budget	Funding Source(3)							"Provider" Using Budget (2)
			ARC Dues	SPAC Grant	GLRI Grant	FOTR/ERB Foundation	SAW Grant	Wayne County	Other Source/Match	
Organization Committee										
(1)OC1	Executive Director Services	\$ 66,324	\$ 66,324							EDS
	Pursuing Grant Opportunities	\$ 14,940	\$ 14,940							EDS
Organization Committee Total		\$ 81,264	\$ 81,264							
Finance Committee										
FC1	Accounting/Legal Services	\$ 17,000	\$ 17,000							outside purchase
FC2	ARC Insurance	\$ 2,500	\$ 2,500							outside purchase
Finance Committee Total		\$ 19,500	\$ 19,500							
Public Education and Involvement Committee										
PIE1	Green Infrastructure Campaign	\$ 23,500	\$ 23,500							EDS/WC/FOTR
PIE2	Public Ed Materials	\$ 14,500	\$ 14,500							EDS/WC/ARC
PIE3	Website Maintenance	\$ 5,500	\$ 5,500							EDS/ARC
PIE4	New Public Education Campaigns/Materials	\$ 15,000	\$ 15,000							EDS/FOTR
PIE5	Watershed Stewardship and Reporting	\$ 1,500	\$ 1,500							FOTR
PIE Committee Total		\$ 60,000	\$ 60,000					\$ -		
Technical Committee										
TC3	IDEP	\$ 60,500	\$ 60,500					\$ 15,000		EDS/WC/OC
Technical Committee Total		\$ 60,500	\$ 60,500					\$ 15,000		
Total Amount Requested by All Committees		\$ 221,264	\$ 221,264					\$ 15,000		
			ARC Dues	SPAC Grant	GLRI Grant	FOTR/ERB Foundation		Wayne County	Other Source/Match	
Other Grants (3)										
(5) FS2	FS2 2014 USFS EAB Grant 10/1/14-	\$95,000			\$95,000					
(4) SPAC6	SPAC6 RRAC Facilitation 6/1/14-6/30/15	\$19,934		\$19,934						WC/EDS/FOTR
(6) FOTR1	ERB Found. Reorg. Inv. 1/1-12/31/15	\$23,560			\$23,560					EDS
(7) SAW1	SAW grant	\$350,000				\$350,000				EDS/WC/FOTR/OC
(8) WCGL1	Wayne County Inv. Species Collaboration	\$15,165					\$15,165			EDS
Total Other Grants:		\$503,659								
SPAC										
TOTAL BUDGET		\$724,923	\$221,264	\$19,934	\$95,000	\$23,560	\$350,000	\$15,165	\$15,000	
TOTAL INCOME		\$760,094								
Available Unallocated ARC Budget (total income minus total budget)		\$ 15,238								

Notes

- (1) Includes fiduciary services, advocacy and administration
- (2) 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.
- (3) Dollar amounts may be adjusted throughout the year as they are estimates of what will be spent during the budget year.
- (4) SPAC6 adding grant to facilitate RRAC. Total award is \$39,867, with \$19,934 budgeted in 2014 and \$19,933.50 budgeted in 2015.
- (5) FS2 adding the USFS EAB grant. Total award is \$100,000, with \$5,000 budgeted in 2014, \$65,000 budgeted in 2015 and \$30,000 anticipated to be budgeted in 2016.

Budget Amendment

- (6) FC1 adding the FOTR1 - ERB Foundation grant for the ARC/FOTR Reorganization Investigation. Total award is \$23,560 and budgeted in 2015.
- (7) FC2 adding the SAW1 - SAW grant services stormwater management plans, monitoring & Funding (upon grant award) total award is \$1,608,739 with \$350,000 budgeted in 2015 and the remainder will be budgeted in 2016-18 along with additional match estimated at \$225,000.
FC3 adding WCGL1 - Wayne County Collaborative Invasive Species Control in Rouge and Detroit River AOC. Total award is \$20,165 with \$15,165 budgeted in 2015 and the remaining \$5,000 will be budgeted in 2016.



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2015 BUDGET AMENDMENT: Finance Committee Amendment FC1

REQUEST DATE: May 6, 2015

LINE ITEM: **FOTR1** - Add FOTR1 - Friends of the Rouge/ARC Reorganization Investigation to the 2015 ARC Budget

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: Friends of the Rouge received a grant from the ERB Family Foundation and Community Foundation for Southeast Michigan to investigate the reorganization of FOTR and the ARC.

DESCRIPTION OF ANTICIPATED ACTIVITIES: ARC officers and staff will participate in meetings and assist FOTR in the recommendation and approval for or against merging services based on mission alignment and the results of facilitated process. A merger committee will work with a third-party consultant to explore the options via facilitated meetings over the course of approximately six months. If merger is approved, this outcome will also include identification of programs, organizational structure (i.e. board and staff), staffing needs of new organization, and funding sources.

RATIONALE: The 2015 budget must be adjusted to reflect this additional funding.

BUDGET: This amendment adds the FOTR1 budget line to the 2015 ARC Budget in the amount of \$23,560. No match is required.

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



Working together, restoring the river

UPON GRANT AWARD

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2015 BUDGET AMENDMENT: Finance Committee Amendment FC2

REQUEST DATE: May 1, 2015

LINE ITEM: SAW1 - SAW Grant Services: Stormwater Management Plans, Monitoring & Funding

COMMITTEE MAKING REQUEST: Technical Committee

BACKGROUND: The ARC is expected to receive a SAW grant in late 2015 to support development of member stormwater permit applications, as well as conduct ecosystem monitoring and develop a framework to finance stormwater projects at the local level. Twenty-nine ARC members need to reapply for stormwater permit coverage by April 1, 2016. An additional nine members have already applied for permit coverage because their primary watershed is outside of the Rouge River (See Table 1). Given the time it will take to complete the permit applications, the ED proposes to begin development of ARC members' stormwater permit applications in May 2015. Given that the ARC is not yet in contract with MDEQ, this work will be done by the responsible parties (indicated below) at the risk of non-payment if the grant funding does not come to fruition.

The ecosystem monitoring and financing framework tasks will also assist members with permit compliance. The monitoring data will be used to 1) direct IDEP efforts, and 2) demonstrate effectiveness of permit activities. The financing task will set up communities so they can pursue a stormwater utility to funding permit-required activities.

Table 1. Application Due Dates by Member

Members whose Applications are Due April 1, 2016	Members who have already reapplied for permit coverage	
	Member	Watershed/Application Year
Beverly Hills	Auburn Hills	Clinton, 2015
Bingham Farms	Commerce Township	Huron, 2013
Birmingham	Oak Park	Clinton, 2015
Bloomfield Hills	Orchard Lake	Clinton, 2015
Bloomfield Township	Rochester Hills	Clinton, 2015
Canton Township	Romulus	Downriver Watersheds
Dearborn Heights	Van Buren Township	Huron, 2013
Farmington	Wixom	Huron, 2013
Farmington Hills	Oakland County	Clinton, 2015
Franklin	Washtenaw County	Huron, 2013
Garden City		

Members whose Applications are Due April 1, 2016	Members who have already reapplied for permit coverage	
	Member	Watershed/Application Year
Inkster		
Lathrup Village		
Livonia		
Melvindale		
Northville		
Northville Township		
Novi		
Plymouth		
Plymouth Township		
Redford Township		
Southfield		
Troy		
Walled Lake		
Wayne		
Westland		
Wayne County		
Henry Ford Community College		
University of Michigan Dearborn		

DESCRIPTION OF ANTICIPATED ACTIVITIES: The SAW scope of work is composed of 6 tasks:

- Task 1. Public Education Planning
- Task 2. IDEP Planning
- Task 3. Municipal Facility Pollution Prevention/Good Housekeeping Planning
- Task 4. TMDL Planning
- Task 5. Ecosystem Monitoring
- Task 6. Stormwater Funding Framework

Tasks 1 – 4 will be performed for permittees who permit application is due April 1, 2016. The ED will recommend a reimbursement rate to the ARC to compensate the members who have already submitted their permit application. Once the rate is approved by the ARC, these members will be reimbursed for their efforts once grant funding is awarded, as allowable under the grant.

Brief descriptions of the tasks are provided below with the responsible parties listed in parenthesis. With the exception of subtask 2b, the ED will be the lead agency for all tasks. The complete SAW grant Scope of Work included for reference as Attachment A.

Task 1. Public Education Planning

- 1a. Public Participation Plan (ED)
 - Develop a procedure for public input on the member stormwater management plans.
- 1b. Collaborative Public Education Plan (ED, WC, OC, FOTR)
 - Complete the plan with an estimate of cost to implement.
 - Negotiate as needed with MDEQ to come to consensus on plan content.
- 1c. Public Attitudes Survey (ED, FOTR)

- Develop and implement a stormwater attitudes and awareness public survey. Results from the survey will be compared to previous surveys to determine the change in the public's attitudes. These results will be summarized in a report and provided to the MDEQ.

Task 2. IDEP Planning

2a. Collaborative IDEP Plan (ED, WC, OC)

- Complete the plan with an estimate of cost to implement.
- Negotiate as needed with MDEQ to come to consensus on plan content.

2b. Mapping of outfalls (WC)

- Outfall GIS data will be updated and a table of outfall locations will be developed.

2c. Ordinance Review (ED, WC)

- Review each community's existing ordinances to identify compliance with MDEQ's IDEP Ordinance requirements.
- Suggest modifications to existing ordinances as needed and provide to each community.

Task 3. Municipal Facility Pollution Prevention/Good Housekeeping Planning

3a. Municipal Facilities (ED, WC)

- Inventory Municipal facilities, prioritize for their potential impact on stormwater, and map stormwater controls on an aerial.
- Identify high priority facilities and develop a facility pollution prevention plan for each.

3b., 3c., and 3d. Storm Sewer System Maintenance (ED, WC)

- Develop common and individual community SOPs for system maintenance.
- Prioritize street sweeping and catch basins and other controls for maintenance on a community basis.
- Review and update the Greater Lansing Area BMP manual to ensure applicability to ARC members.

3e. Assessment (ED, WC)

- Develop consensus measurable goals and methods to assess effectiveness of the GH/P2 efforts.

3f. GH/P2 Training (ED)

- Develop a procedure for training municipal employees on GH/P2 and IDEP topics. The procedure will include a schedule and available training mechanisms.

3g. Contractor Requirements (ED, WC)

- Identify what communities are currently using.
- Develop a one or more procedures for notifying contractors of the municipality's GH/P2 procedures and providing oversight to ensure these procedures are followed.

3h. Construction Runoff SOPs (ED, WC)

- Develop permittee-specific standard operating procedures (SOPs) for managing stormwater from construction sites.

Task 4. TMDL Implementation Plan (ED, WC, OC)

- Develop a collaborative TMDL plan.
- Negotiate as needed with MDEQ to come to consensus on plan content.

Task 4.1 Stormwater Management Plan Compilation (ED, WC)

The permittee-specific and collaborative items from Tasks 1 – 4 above, along with the permittees' approach to the post-construction stormwater management ordinance requirements, make up their stormwater

permit application and Stormwater Management Plan. The ED will compile all documents into a Stormwater Management Plan for each member in preparation for submission to the MDEQ by April 1, 2016. The scope of work also includes meetings with the Technical and PIE committees, the individual member communities, MDEQ, and other stakeholders as deemed necessary to complete the tasks. Project and grant administration is also included in this scope of work.

Task 5. Ecosystem Monitoring (ED, WC, FOTR, USGS)

- Develop a sustainable monitoring plan that is expected to include Flow Monitoring, Dissolved Oxygen Monitoring, Macroinvertebrate Monitoring, and grab samples for E. coli, total suspended solids, and phosphorus. Grab sample collection may be completed with volunteers to minimize costs and support public education efforts.
- Draft and enter into agreements with subcontractors (laboratory) and partners (USGS, FOTR).
- Conduct monitoring.
- Analyze data.
- Prepare multiple technical reports and one summary report.

Task 6. Stormwater Funding Framework (ED)

In lieu of working with the Alliance of Downriver Watersheds (who were not awarded a SAW grant), the ARC will build upon efforts being led by the Oakland County Water Resources Commissioners Office who is seeking legislative relief for communities to implement stormwater utilities. Based on their progress, the ED will

- (6a) Identify members who are interested in pursuing a stormwater utility. For two or three of these members, we will
 - (6b) Analyze land cover data sets.
 - (6c) Identify revenue potential and top rate payers for the communities.
 - (6d) Develop a public outreach framework.
 - (6e) Obtain legal advice.
 - (6f) Prepare funding recommendations.

Deliverables:

- Collaborative PPP
- Collaborative PEP
- Public Attitude Survey Report
- Collaborative IDEP
- Permittee-specific Assessment of IDEP-related Codes/Ordinances
- Suggested language to modify existing ordinances (permittee-specific)
- 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 (permittee-specific)
- Collaborative TMDL Implementation Plan
- Monitoring Reports (technical reports and one summary report)
- Stormwater funding framework for two or three communities including a public outreach plan.

- Quarterly status reports

RATIONALE (including why needed): This work is needed in order to comply with the state's MS4 permit reapplication deadline for Rouge communities.

BUDGET (including how the amount requested was established): The total budget for this effort is \$1,608,739 and will be reimbursed by the SAW grant with \$350,000 budgeted in 2015. This budget is divided by agency and funding source as shown below. Additional cost detail is included in Attachment B.

	Task 1. PEP	Task 2. IDEP	Task 3. P2/GH	Task 4. TMDL	Task 4.1 SWMPs	Task 5. Monitoring	Task 6. SW Funding	Oversight	Total
ED Staff	\$33,148	\$117,148	\$237,313	\$31,600	\$47,340	\$290,410	\$229,200	\$57,580	\$1,043,739
Wayne Co.	\$11,500	\$28,500	\$52,500	\$5,000	\$10,000	\$90,000	0	0	\$197,500
FOTR	\$7,500	0	0	0	0	\$120,000	0	0	\$127,500
USGS	0	0	0	0	0	\$240,000	0	0	\$240,000
Total	\$52,148	\$145,648	\$289,813	\$36,600	\$57,340	\$740,410	\$229,200	\$57,580	\$1,608,739

An additional \$351,061 will need to be supplied as match for the SAW grant. About a third of this match has already been earned, while the remainder will be provided as part of the ARC's annual budget from 2015, 2016, 2017, and 2018.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The various agencies identified above will carry out the work. The Chair of the PIE Committee will oversee Task 1, while the Chair of the Technical Committee will oversee all other tasks.

ATTACHMENT A. PROJECT WORK PLAN (from SAW grant application)

SECTION 1.0 PROJECT NEED

The Alliance of Rouge Communities (ARC), a 501(c)(3) organization, is a voluntary public watershed entity currently comprised of 35 municipal governments, three counties, two educational institutions, and five cooperating partners as authorized by Part 312 (Watershed Alliances) of the Michigan Natural Resources and Environmental Protection Act (MCL 324.101 to 324.90106) as amended by Act No. 517, Public Acts of 2004. The purpose of the ARC is to provide an institutional mechanism to encourage watershed-wide cooperation and mutual support to meet water quality permitting requirements and to restore beneficial uses of the Rouge River to the area residents.

The Rouge River watershed has EPA-approved Total Maximum Daily Load (TMDL) assessments completed for *E. coli* and Biota on a watershed-wide basis and a TMDL for dissolved oxygen for Johnson Creek. In addition, the entire watershed is on the state's impaired waters list for dissolved oxygen and the TMDL is expected to be completed in 2015. *E. coli*, flow, nutrients, and sediment are the priority pollutants of concern listed in the Rouge River Watershed Management Plan.

Municipalities in the Rouge River watershed are required to reapply for Municipal Separate Storm Sewer Systems (MS4s) permit coverage by April 1, 2015 or April 1, 2016 depending on whether their primary watershed is the Clinton or the Rouge. ARC members would like to take advantage of the collaborative planning opportunities offered under the MS4 permit to fulfill the public participation, public education, illicit discharge elimination, total maximum daily load, and water quality monitoring requirements. Members are also interested in developing site-specific standard operating procedures (SOPs) for their facilities that have a high potential to impact water quality. To this end, the ARC will undertake the following tasks to assist members in applying for the Stormwater Permit.

DESCRIPTION OF THE PLANNING AREA

The ARC anticipates that the scope of work will cover the separate storm sewer systems and municipal properties of the jurisdictions listed below.

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

SECTION 2.0 SCOPE OF WORK

TASK 1. PUBLIC EDUCATION PROGRAM PLANNING

1a. Public Participation Plan

Based on input from the ARC's Public Involvement and Education Committee, the ARC will update the existing Public Participation Plan (PPP) that will describe the procedures for 1) notifying the public on the initial availability of the draft Stormwater Management Plans (SWMPs) for review, 2) accepting public input on the draft SWMPs, and 3) allowing periodic public review of and comment on the SWMPs during the permit period. The PPP Plan will include the responsibilities of the permittees and the ARC for implementing the activities outlined in it.

1b. Collaborative Public Education Plan

Based on input from the ARC's Public Involvement and Education Committee, the ARC will develop a collaborative Public Education Plan (PEP) that will include the procedures for ranking the 11 permit-required public education topics as high, medium and low priority. The Collaborative PEP will include:

- A list of participating permittees,
- A list and description of the best management practices (BMPs) that will be undertaken,
- The target audience, key messages and delivery mechanisms for each BMP,
- A schedule and frequency that the BMPs will be implemented,
- The parties responsible for leading and supporting BMP implementation,
- The measurable goals associated with the BMPs, and
- An effectiveness assessment.

1c. Public Attitudes Survey

The ARC will develop and implement a stormwater attitudes and awareness public survey. Results from the survey will be compared to previous surveys to determine the change in the public's attitudes. These results will be summarized in a report and provided to the MDEQ.

Deliverables: Collaborative PPP
 Collaborative PEP
 Public Attitude Survey Report

TASK 2. ILLICIT DISCHARGE ELIMINATION PROGRAM PLANNING

2a. Plan Development

Based on the draft plan that was started in 2013, the ARC will develop a Collaborative Illicit Discharge Elimination Plan (IDEP) for the member permittees under the direction of the Technical Committee. The plan will include:

- A list and description BMPs that will be implemented,
- A schedule and frequency that the BMPs will be implemented,
- The parties responsible for leading and supporting BMP implementation,
- A map identifying priority areas across the watershed,
- The measurable goals associated with the BMPs,
- Methods to assess effectiveness of plan, and
- The procedures for
 - Selecting priority areas across the watershed
 - Performing field observations
 - Performing field screening if flow is present and an illicit discharge is suspected
 - Performing source investigations
 - Responding to pollution complaints and spills
 - Responding to suspected illicit discharges outside of priority areas
 - Reporting the release of polluting material to the MDEQ
 - Follow-up and enforcement for identified sources
 - Training staff on how to identify, report, and respond to suspected illicit discharges

2b. Mapping

The ARC will gather stormwater outfall GIS data to update a map of outfalls to waters of the state. The GIS layers will be provided by the communities based on available information. The number of outfalls by community will be summarized in table format for inclusion in the IDEP Plan.

2c. Ordinance Review

The ARC will review local codes and ordinances for its members to determine compliance with the MS4 permit required IDEP ordinances requirements. For each permittee, a summary table will be prepared that compares the permit requirements with local codes/ordinances. Any deficiencies will be noted and recommended ordinance modification language will be provided to each permittee for their adoption, where necessary.

Deliverables: Collaborative IDEP
 Permittee-specific Assessment of IDEP-related Codes/Ordinances
 Suggested language to modify existing ordinances
 Stormwater Outfall Map

TASK 3. MUNICIPAL GOOD HOUSEKEEPING AND POLLUTION PREVENTION PLANNING

3a. Municipal Facilities

For each permittee, the ARC will develop an inventory of municipal facilities within the MS4 permitted area. For each facility, the number of stormwater controls will be determined. A map of the facility and the controls will be created using aerial photography and existing GIS information.

The ARC will inspect municipal maintenance facilities for their potential to discharge pollutants to stormwater. The ARC will develop a procedure and prioritize the facilities, on a community basis, as low, medium or high potential based on a variety of factors including: the proximity to water bodies, presence of urban pollutants, housekeeping practices, etc.

A pollution prevention plan will be developed for high priority facilities. The plan will include the good housekeeping BMPs needed to protect stormwater quality, list of stored materials, the associated handling and storage requirements, their potential to discharge to stormwater, and a schedule for routine maintenance and comprehensive inspections. BMPs for low and medium priority facilities will also be identified.

All of the above information will be brought together in a facility pollution prevention plan for each permittee. The plan will be organized in a manner that allows for facility-specific information to be extracted as standalone documents to be housed at the respective facility.

Facility pollution prevention plans are available for some of the municipal facilities within the watershed¹. These plans will be reviewed for compliance with the new MS4 permit application requirements and updated as needed.

3b. Storm Sewer System Maintenance

The ARC will provide its members SOPs for municipal Good Housekeeping/Pollution Prevention (GH/P2) measures. At a minimum, the SOPs will cover the topics of street sweeping including identifying the most appropriate street sweeping methods, catch basin cleaning, maintenance of other structural controls, vegetative property maintenance, waste handling and disposal, salt application, and water and sewer maintenance activities. The SOPs will describe the procedures for prioritizing maintenance activities, a schedule for conducting maintenance, and for conducting maintenance. SOPs developed by others (Ex: *Good Housekeeping and Pollution Prevention for Municipal Activities* developed by the Tri-County Regional Planning Commission) will be reviewed and edited, as appropriate, to complete this task.

3c. Catch Basin Maintenance Prioritization

On a community by community basis, the ARC will prepare a procedure for prioritizing the cleaning of catch basins. The procedure will include a schedule for cleaning. A map will be prepared which shows the priority levels.

3d. Street Sweeping Prioritization

On a community by community basis, the ARC will prepare a procedure for prioritizing street sweeping. The procedure will include a schedule for cleaning. A map will be prepared which shows the priority levels.

3e. Assessment

The ARC will develop consensus measurable goals and methods to assess effectiveness of the GH/P2 efforts.

¹Stormwater pollution prevention plans (SWPPPs) or combined SWPPP/Pollution Incident Prevention Plans (PIPPs) are available for facilities operated by Auburn Hills, Canton Twp., Commerce Twp., Dearborn, Dearborn Heights, Farmington Hills, Northville, Novi, Orchard Lake, Plymouth Twp., Rochester Hills, Southfield, Troy, Washtenaw County Road Commission and Water Resources Commission, Wayne County Roads and Parks departments, and Westland.

3f. GH/P2 Training

The ARC will develop a procedure for training municipal employees on GH/P2 and IDEP topics. The procedure will include a schedule and available training mechanisms.

3g. Contractor Requirements

The ARC will also develop a one or more procedures for notifying contractors of the municipality's GH/P2 procedures and providing oversight to ensure these procedures are followed.

Deliverables: 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

TASK 4. TMDL IMPLEMENTATION PLANNING

The ARC will develop a TMDL implementation plan for assessing the effectiveness of BMPs that are being implemented to control pollutants that are associated with EPA-approved TMDLs. These pollutants include *E. coli*, flow, and suspended sediment. The Plan will identify BMPs that will be implemented to address the pollutants. The plan will also include a monitoring strategy to determine the changes in water quality and a schedule for completing the monitoring.

Deliverable: TMDL Implementation Plan

TASK 5. ECOSYSTEM MONITORING

The ARC will conduct ecosystem monitoring to determine the current conditions of the Rouge River and its tributaries. Monitoring will include assessments for dissolved oxygen, *E. coli*, phosphorus, suspended solids, stream flow, and macroinvertebrates. This will be done in collaboration with Friends of the Rouge and the U.S. Geological Survey. The number of monitoring locations and frequency of monitoring are displayed in the table below.

Monitoring Locations and Frequency

Parameter	Number of locations	Frequency	Schedule
Dissolved oxygen	6 (U05, D06, L05D, US7, US5 and Johnson Crk)	Continuous	May – Oct 2015
Stream flow	6 (U05, D06, L05D, US7, US9 and Johnson Crk)*	Continuous	May – Oct 2015
<i>E. coli</i>	70	20 events	May – September 2015
Phosphorus	4 (U05, D06, L05D, US7)	20 events	May – September 2015
Suspended solids	70	20 events	May – September 2015
Spring/Fall Macroinvertebrates	35-40 (Volunteers) plus 15 (Paid Staff)	2/year	Spring and Fall: 2014 (Fall only), 2015, 2016
Stoneflies	20-24 (Volunteers) plus 4-6 (Paid Staff)	1/year	Winter: 2015, 2016, 2017

*6 additional sites are funded by others

TASK 6. STORMWATER FUNDING FRAMEWORK

For this task, the ARC will collaborate with the Alliance of Downriver Watersheds.

6a. Preliminary Assessment

The ARC will build upon our existing work products, as well as work performed across the state and nation, and outline the most promising options for funding stormwater activities. Given some of the Michigan specific constraints, these options are expected to include use of the Drain Code and creation of a Stormwater Utility. This will be written up in a paper and distributed to ARC members for discussion. During this process the ARC will identify which members are interested pursuing funding options jointly and/or individually.

6b. Land Cover Data Review

The ARC will review the existing Impervious Cover Datasets and Maps using SEMCOG GI Regional Visioning Project data including building footprints, pavement areas, and other impervious surfaces. This will allow an equitable assessment of stormwater fees as well as address some of the legal challenges identified in other court decisions. We will identify planning-level ranges of stormwater billing units for individual communities based on number of parcels and approximate impervious coverage for each zoning/land-use classification.

6c. Revenue Potential and Top Rate Payers

The ARC will utilize the billing unit calculations developed above to generate a community specific range of revenue potential for each of its members. This will include a range of revenue estimates based on a variety of fee generating scenarios. These scenarios are expected to include the Equivalent Residential Unit (ERU) method which is based on the amount impervious area on a parcel regardless of parcel size. The ERU is based on the typical single family home's impervious area footprint. Two other scenarios that may be considered are the Intensity of Development method which is based on the percent of impervious area relative to the parcel size and the Equivalent Hydraulic Area method which is based on the combined impact of a parcel's impervious and pervious areas. The ARC will identify top potential ratepayers in each community based on the revenue calculations developed above.

6d. Public Outreach Framework

The ARC will develop a framework for stakeholder involvement and public education that will focus on 1) the actual cost of managing stormwater, 2) the equity of assigning these cost to those that generated stormwater, 3) how property owners can minimize their stormwater costs through stormwater controls, and 4) how these variables impact the stormwater enterprise funds (a/k/a stormwater utilities).

6e. Legal Advice

The ARC will seek legal advice on the most equitable and appropriate mechanism(s) to the property owners for calculating stormwater revenue while assuring the fee generation mechanism withstands scrutiny given recent court decisions involving stormwater utilities (this task will require consultation with attorneys specializing in municipal law).

6f. Funding Recommendations

The ARC will develop recommendations for structuring revenue options. Options may include:

- Stormwater User Fee/Tax through Referendum (likely scenario based on the result of the Jackson County v. City of Jackson Court of Appeals decision);
- Stormwater Rate Ordinance (may be an option if enabling legislation is created that specifically allows for the creation of a stormwater user fee in the State of Michigan);
- Establishment of a watershed- or county-wide Drain District under the Michigan Drain Code; and

- Other options that may arise given the number of individuals addressing this challenge across the state.

Deliverables: Preliminary Assessment of Funding Options
Public Outreach Framework
Funding Recommendations

DRAFT

ATTACHMENT B. BUDGET REQUEST COST DETAIL

DRAFT

ARC SAW GRANT														
Cost Detail	page 1		Task 1 Public Outreach Planning						Task 2. IDEP Planning					
			a.		b.		c.		a.		b.		c.	
			Public Participation		Collaborative Plan		Status Meetings		Collaborative Plan		Ordinance review and templates		Status Meetings	
Description	Rate	Unit	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
LABOR														
J. Ridgway	\$200.00	Hr		\$0		\$0		\$0	40	\$8,000		\$0	20	\$4,000
A. DeMaria	\$140.00	Hr		\$0	20	\$2,800		\$0	180	\$25,200	60	\$8,400	80	\$11,200
Mid Level Staff	\$100.00	Hr	40	\$4,000	150	\$15,000	110	\$11,000		\$0	300	\$30,000		\$0
C. O'Meara	\$95.00	Hr		\$0		\$0		\$0		\$0		\$0		\$0
Junior Level Staff	\$75.00	Hr		\$0		\$0		\$0		\$0	400	\$30,000		\$0
Admin. Support	\$65.00	Hr		\$0		\$0		\$0		\$0		\$0		\$0
Total Labor			40	\$4,000	170	\$17,800	110	\$11,000	220	\$33,200	760	\$68,400	100	\$15,200
OTHER DIRECT COSTS (ODCs)														
Mileage	\$0.58	mile		\$0		\$0	600	\$348		\$0		\$0	600	\$348
Subtotal ODCs				\$0		\$0		\$348		\$0		\$0		\$348
Total Cost				\$4,000		\$17,800		\$11,348		\$33,200		\$68,400		\$15,548
			Task 1 Subtotal:								Task 2 Subtotal:			
Others														
Wayne County				\$1,000		\$5,000		\$5,500		\$8,000		\$15,000		\$5,500
FOTR						\$5,000		\$2,500						

ARC SAW GRANT																					
				Task 3. Municipal Facility Pollution Prevention/Good Housekeeping																	
Cost Detail		page 2	a. survey/prioritize facilities		b. P2 plans for high priority facilities		c. Update BMP Manual		d. catch basin/st. sweeping SOPs		e. Measurable goals		f. training SOP		g. Contractor SOP		h. Status meetings		Task 3 Subtotal		
Description	Rate	Unit	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	
LABOR																					
J. Ridgway	\$200.00	Hr		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
A. DeMaria	\$140.00	Hr	30	\$4,200	60	\$8,400	10	\$1,400	10	\$1,400		\$0		\$0		\$0		\$0	110	\$15,400	
Mid Level Staff	\$100.00	Hr	300	\$30,000	600	\$60,000	100	\$10,000	100	\$10,000	40	\$4,000	10	\$1,000	10	\$1,000	82	\$8,200	1242	\$124,200	
C. O'Meara	\$95.00	Hr		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Junior Level Staff	\$75.00	Hr	400	\$30,000	800	\$60,000		\$0	75	\$5,625		\$0		\$0		\$0		\$0	1275	\$95,625	
Admin. Support	\$65.00	Hr		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	
Total Labor			730	\$64,200	1460	\$128,400	110	\$11,400	185	\$17,025	40	\$4,000	10	\$1,000	10	\$1,000	82	\$8,200	2627	\$235,225	
OTHER DIRECT COSTS (ODCs)			Rate	Unit	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost		Cost	
Mileage			\$0.58	mile	3000	\$1,740		\$0		\$0		\$0		\$0		\$0	600	\$348		\$2,088	
Subtotal ODCs						\$1,740		\$0		\$0		\$0		\$0		\$0		\$348		\$2,088	
Total Cost						\$65,940		\$128,400		\$11,400		\$17,025		\$4,000		\$1,000		\$8,548		\$237,313	
Others																					
Wayne County						\$10,000		\$30,000				\$2,000		\$1,000		\$3,000			\$6,500	\$52,500	
FOTR																				\$0	

ARC SAW GRANT																
Cost Detail		page 3	4. TMDL Planning				4.1		5		6		Grant and Project Administration		Total	
			a. Collaborative Plan		b. Monitoring plan		Compile SWMPs		Ecosystem Monitoring		Stormwater Funding Framework					
Description	Rate	Unit	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
LABOR																
J. Ridgway	\$200.00	Hr	10	\$2,000		\$0		\$0		\$0	120	\$24,000		\$0	190	\$38,000
A. DeMaria	\$140.00	Hr	100	\$14,000	40	\$5,600		\$0	100	\$14,000	80	\$11,200		\$0	770	\$107,800
Mid Level Staff	\$100.00	Hr	80	\$8,000	20	\$2,000	300	\$30,000	1363	\$136,300		\$0		\$0	3605	\$360,500
C. O'Meara	\$95.00	Hr		\$0		\$0		\$0		\$0		\$0	600	\$57,000	600	\$57,000
Junior Level Staff	\$75.00	Hr		\$0		\$0		\$0	800	\$60,000		\$0		\$0	2475	\$185,625
Admin. Support	\$65.00	Hr		\$0		\$0	240	\$15,600		\$0		\$0		\$0	240	\$15,600
Total Labor			190	\$24,000	60	\$7,600	540	\$45,600	2263	\$210,300	200	\$35,200	600	\$57,000	7880	\$764,525
OTHER DIRECT COSTS (ODCs)	Rate	Unit	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost		
Mileage	\$0.58	mile		\$0		\$0	3000	\$1,740	3000	\$1,740		\$0	1000	\$580		\$6,844
sampling supplies										\$1,120						\$1,120
Analytical costs										\$77,250						\$77,250
SW Utility subcontractor												\$174,000				\$174,000
Legal												\$20,000				\$20,000
Subtotal ODCs				\$0		\$0		\$1,740		\$80,110		\$194,000		\$580		\$279,214
Total Cost				\$24,000		\$7,600		\$47,340		\$290,410		\$229,200		\$57,580		\$1,043,739
			Task 4 Subtotal:				\$31,600									
Others																
Wayne County				\$3,000		\$2,000		\$10,000		\$90,000						\$197,500
FOTR										\$120,000						\$127,500
USGS										\$240,000						\$240,000
															\$1,608,739	



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2015 BUDGET AMENDMENT: Finance Committee Amendment FC3

REQUEST DATE: May 6, 2015

LINE ITEM: WCGL1 - Add Great Lakes 2014-2 Invasive Species Control Collaborative Invasive Species Control in Rouge and Detroit River Areas of Concern

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: Wayne County received an EPA GLRI Grant for invasive species control. The Alliance of Rouge Communities (ARC) was a partner entity in the grant application.

This project will allow Wayne County and project partners to establish and begin implementing an effective, efficient and environmentally sound program for invasive species across the Rouge River AOC and on Wayne County properties tributary to the Detroit River AOC. Through the use of the Civilian Conservation Corps model, staff, contractor(s) and volunteers, integrated with experiential learning, it is anticipated that over 190 control exercises will be performed on over 6,600 acres of public and private land resulting in the involvement of over 1200 youth and 2800 adult volunteers and restoration/protection treatment of over 250 acres and removal of over 25,620 cubic yards of invasive species.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The ARC will participate as a member of a Project Coordination Committee (PCC) with a total award of \$20,165. The ARC will review and provide comment and/or content as required. The ARC will provide the training materials, based on guidance from the PCC, for training of SCA student workers, volunteers, and local community staff this effort. ARC staff will hold two training sessions in the field to orient volunteers and SCA personnel on how to identify the invasive species. The ARC will be responsible for reporting project activities on a quarterly basis to Wayne County for inclusion in Wayne County's Great Lake Accountability System (GLAS) reporting. Through the ARC's public education and technical committees information regarding project status as well as ISC information disseminated to Alliance members and made available to the general public. The ARC will assist Wayne County with the content for the webpages and presenting the project outcomes to the Public Education Committee and the Full ARC membership.

RATIONALE: The 2015 budget must be adjusted to reflect this additional funding.

BUDGET: This amendment adds the Great Lakes 2014-2 Invasive Species Control Collaborative Invasive Species Control in Rouge and Detroit River Areas of Concern (total award is \$20,165) budget line to the 2015 ARC Budget with funding anticipated for 2015 activities in the amount of \$15,165. The remaining amount of \$5,000 will be budgeted in the 2016 budget. No match is required.

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

Upon Grant Award

Alliance of Rouge Communities
ECT-ARC 2013 Contract, Appendix I
Scope of Services for
SAW Grant - Stormwater Management Plans, Monitoring & Funding
Environmental Consulting & Technology, Inc.
May 1, 2015 – December 31, 2018

The total compensation for this scope of services is \$1,043,739. The ARC will be reimbursed by SAW for 100% of this cost.

The Project:

The ARC is expected to receive a SAW grant in late 2015 to support development of member stormwater permit applications, as well as conduct ecosystem monitoring and develop a framework to finance stormwater projects at the local level. Twenty-nine ARC members need to reapply for stormwater permit coverage by April 1, 2016. An additional nine members have already applied for permit coverage because their primary watershed is outside of the Rouge River. Given the time it will take to complete the permit applications, the ED proposes to begin development of ARC members' stormwater permit applications in May 2015. Given that the ARC is not yet in contract with MDEQ, this work will be done by ECT at the risk of non-payment if the grant funding does not come to fruition.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The SAW scope of work is composed of 6 tasks:

- Task 1. Public Education Planning
- Task 2. IDEP Planning
- Task 3. Municipal Facility Pollution Prevention/Good Housekeeping Planning
- Task 4. TMDL Planning
- Task 5. Ecosystem Monitoring
- Task 6. Stormwater Funding Framework

Tasks 1 – 4 will be performed for permittees who permit application is due April 1, 2016. The ED will recommend a reimbursement rate to the ARC to compensate the members who have already submitted their permit application. Once the rate is approved by the ARC, these members will be reimbursed for their efforts once grant funding is awarded, as allowable under the grant.

Brief descriptions of the tasks are provided below with the responsible parties listed in parenthesis. With the exception of subtask 2b, the ED will be the lead agency for all tasks. The complete SAW grant Scope of Work included for reference as Attachment A.

Task 1. Public Education Planning

1a. Public Participation Plan

- Develop a procedure for public input on the member stormwater management plans.

1b. Collaborative Public Education Plan

- Complete the plan with an estimate of cost to implement.
- Negotiate as needed with MDEQ to come to consensus on plan content.

1c. Public Attitudes Survey

- Develop and implement a stormwater attitudes and awareness public survey. Results from the survey will be compared to previous surveys to determine the change in the public's attitudes. These results will be summarized in a report and provided to the MDEQ.

Task 2. IDEP Planning

2a. Collaborative IDEP Plan

- Complete the plan with an estimate of cost to implement.
- Negotiate as needed with MDEQ to come to consensus on plan content.

2b. Mapping of outfalls

- Outfall GIS data will be updated and a table of outfall locations will be developed.

2c. Ordinance Review

- Review each community's existing ordinances to identify compliance with MDEQ's IDEP Ordinance requirements.
- Suggest modifications to existing ordinances as needed and provide to each community.

Task 3. Municipal Facility Pollution Prevention/Good Housekeeping Planning

3a. Municipal Facilities

- Inventory Municipal facilities, prioritize for their potential impact on stormwater, and map stormwater controls on an aerial.
- Identify high priority facilities and develop a facility pollution prevention plan for each.

3b., 3c., and 3d. Storm Sewer System Maintenance

- Develop common and individual community SOPs for system maintenance.
- Prioritize street sweeping and catch basins and other controls for maintenance on a community basis.
- Review and update the Greater Lansing Area BMP manual to ensure applicability to ARC members.

3e. Assessment

- Develop consensus measurable goals and methods to assess effectiveness of the GH/P2 efforts.

3f. GH/P2 Training

- Develop a procedure for training municipal employees on GH/P2 and IDEP topics. The procedure will include a schedule and available training mechanisms.

3g. Contractor Requirements

- Identify what communities are currently using.
- Develop a one or more procedures for notifying contractors of the municipality's GH/P2 procedures and providing oversight to ensure these procedures are followed.

3h. Construction Runoff SOPs

- Develop permittee-specific standard operating procedures (SOPs) for managing stormwater from construction sites.

Task 4. TMDL Implementation Plan

- Develop a collaborative TMDL plan.
- Negotiate as needed with MDEQ to come to consensus on plan content.

Task 4.1 Stormwater Management Plan Compilation

The permittee-specific and collaborative items from Tasks 1 – 4 above, along with the permittees' approach to the post-construction stormwater management ordinance requirements, make up their stormwater permit application and Stormwater Management Plan. The ED will compile all documents into a Stormwater Management Plan for each member in preparation for submission to the MDEQ by April 1, 2016.

The scope of work also includes meetings with the Technical and PIE committees, the individual member communities, MDEQ, and other stakeholders as deemed necessary to complete the tasks. Project and grant administration is also included in this scope of work.

Task 5. Ecosystem Monitoring

- Develop a sustainable monitoring plan that is expected to include Flow Monitoring, Dissolved Oxygen Monitoring, Macroinvertebrate Monitoring, and grab samples for E. coli, total suspended solids, and phosphorus. Grab sample collection may be completed with volunteers to minimize costs and support public education efforts.
- Draft and enter into agreements with subcontractors (laboratory) and partners (USGS, FOTR).
- Conduct monitoring.
- Analyze data.
- Prepare multiple technical reports and one summary report.

Task 6. Stormwater Funding Framework

In lieu of working with the Alliance of Downriver Watersheds (who were not awarded a SAW grant), the ARC will build upon efforts being led by the Oakland County Water Resources Commissioners Office who is seeking legislative relief for communities to implement stormwater utilities. Based on their progress, the ED will

- (6a) Identify members who are interested in pursuing a stormwater utility. For two or three of these members, we will
 - (6b) Analyze land cover data sets.
 - (6c) Identify revenue potential and top rate payers for the communities.
 - (6d) Develop a public outreach framework.
 - (6e) Obtain legal advice.

- (6f) Prepare funding recommendations.

Deliverables:

- Collaborative PPP
- Collaborative PEP
- Public Attitude Survey Report
- Collaborative IDEP
- Permittee-specific Assessment of IDEP-related Codes/Ordinances
- Suggested language to modify existing ordinances (permittee-specific)
- 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 (permittee-specific)
- Collaborative TMDL Implementation Plan
- Monitoring Reports (technical reports and one summary report)
- Stormwater funding framework for two or three communities including a public outreach plan.
- Quarterly status reports

Alliance of Rouge Communities
ECT-ARC 2013 Contract, Appendix G
Scope of Services for
Wayne County GLRI Great Lakes 2014-2 Invasive Species Control
Collaborative Invasive Species Control in Rouge and Detroit River Areas of
Concern (AOC)
Environmental Consulting & Technology, Inc.
June 1, 2015 – December 31, 2016

The total compensation for this scope of services is \$20,165. The ARC will be reimbursed by the Wayne County for 100% of this cost with no match requirement.

The Project:

Wayne County received an EPA GLRI Grant for invasive species control. The Alliance of Rouge Communities (ARC) was a partner entity in the grant application. The project will allow Wayne County and project partners to establish and begin implementing an effective, efficient and environmentally sound program for invasive species across the Rouge River AOC. Through the use of the Civilian Conservation Corps model, staff, contractor(s) and volunteers, integrated with experiential learning, it is anticipated that over 190 control exercises will be performed on over 6,600 acres of public and private land resulting in the involvement of over 1200 youth and 2800 adult volunteers and restoration/protection treatment of over 250 acres and removal of over 25,620 cubic yards of invasive species.

Task 1. Project Administration and Coordination

Task 1A (Project Coordination Committee): The ARC will participate as a member of a Project Coordination Committee (PCC). The ARC will prepare for and attend four meetings.

Task 1B (Quality Assurance Project Plan): The ARC will review and provide comment and/or content as required.

Task 1 Deliverables

- Participation in four (4) PCC meetings.
- ARC staff comments and/or content for QAPP

Task 2. Mapping and Prioritization

Task 2A (System Design and Training): The ARC will provide the training materials, based on guidance from the PCC, for training of SCA student workers, volunteers, and local community staff this effort. ARC staff will hold two training sessions in the field. to orient volunteers and SCA personnel on how to identify the invasive species.

Task 2C (Project Partners Property Survey and Prioritization): The ARC will survey their members to confirm the public properties that should be surveyed. ARC will work with volunteers and local community staff that are interested in performing the surveys.

Task 2 Deliverables

- Provide training materials.
- Provide two (2) training sessions.
- Provide survey data from any ARC member sites.

Task 3. Invasive Species Control and Monitoring

Task 3C (Centralize Monitoring & Control Results): ARC staff will provide an additional day of training of the volunteers.

Task 3 Deliverables: Provide one (1) training session

Task 4. Project Reporting and Education/Outreach

ARC Scope

The ARC will report project activities on a quarterly basis to Wayne County. Through the ARC's public education and technical committees information regarding project status as well as ISC information disseminated to Alliance members and made available to the general public. The ARC will assist Wayne County with the content for the webpages and presenting the project outcomes to the Public Education Committee and the Full ARC.

Task 4 Deliverables

- Quarterly progress summary that will included a summary of education and outreach efforts.
- A final summary report of invasive treatment Education/Outreach efforts.
- Website placement of invasive species control information

ARC Staff Cost		Task 1		Task 2		Task 3		Task 4		Totals	
ECT Professional Services	Rates	Hrs	Labor Cost	Hrs	Labor Cost	Hrs	Labor Cost	Hrs	Labor Cost	Hrs	Cost
Chris O'Meara	\$95	16	\$1,520		\$0		\$0	9	\$855	25	\$2,375
Sr. Level Staff	\$135		\$0		\$0		\$0		\$0	0	\$0
Mid Level staff	\$100	72	\$7,200	65	\$6,500	10	\$1,000	20	\$2,000	167	\$16,700
Labor Totals		88	\$8,720	65	\$6,500	10	\$1,000	29	\$2,855	192	\$19,075
Expenses:											
Misc. Expenses			\$734		\$256		\$73		\$27		\$1,090
Expense Total			\$734		\$256		\$73		\$27		\$1,090
TOTAL COST			\$ 9,454		\$ 6,756		\$ 1,073		\$ 2,882		\$20,165

ECT Scope of Services

Appendix G – Wayne County GLRI Great Lakes 2014-2 Invasive Species Control

Collaborative Invasive Species Control in Rouge and Detroit River Areas of Concern (AOC)

2013 ARC Contract

Alliance of Rouge Communities
ECT-ARC 2013 Contract, Appendix H
Scope of Services for
Friends of the Rouge Reorganization Investigation
Environmental Consulting & Technology, Inc.
January 1, 2015 – December 31, 2015

The total compensation for this scope of services is \$23,560. The ARC will be reimbursed by Friends of the Rouge for 100% of this cost with no match requirement.

The Project:

ARC officers and staff will participate in meetings and assist FOTR in the recommendation and approval for or against merging services based on mission alignment and the results of facilitated process. A merger committee will work with a third-party consultant to explore the options via facilitated meetings over the course of approximately six months. If merger is approved, this outcome will also include identification of programs, organizational structure (i.e. board and staff), staffing needs of new organization, and funding sources.

Task 1. Project Administration and Coordination

Task 1 (Merger Exploration): The Executive Director staff will participate in meetings as required with the FOTR-ARC reorganization investigation and will provide any necessary financial/organizational information.

Task 1 Deliverables

- Participation in meetings.
- Provide documents as necessary.

ALLIANCE OF ROUGE COMMUNITES (ARC)
Environmental Consulting & Technology, Inc. (ECT) 2013 Contract

Proposed rate revisions to ECT 2013 Contract for future work (i.e. work not currently under existing Contract). ECT proposes to replace the current cost plus fixed fee contract with a standard rate schedule (unless a specific future fiduciary requires a cost plus fixed fee). The basis for the request are: 1) the federally funded Rouge Project no longer provides funding for the ARC and therefore the (costly) requirements are no longer required, and; 2) ECT's overhead rate used in the existing contract is over 10 years old, and; 3) a rate schedule is simpler and is used in the vast majority of our industrial and municipal clients.

IV. Compensation and Method of Payment

C. Basis for Direct Labor Compensation

- The CONTRACTOR shall be compensated based upon hourly rate established for each employee under the terms of this contract; if required by a granting agency an overhead rate formula will be used: ~~an overhead rate of 1.6944, and a fixed fee of 15% for direct labor costs. The formula for calculating the direct labor individual hourly rates shall be:~~

$$\text{Employee Direct Labor Hourly Rate (if grant overhead formula required)} = (\text{Hourly rate of employee}) * (1 + \text{Overhead rate}) * (1.15)$$

~~The formula for the direct labor compensation shall be: Direct labor cost = (employee direct labor hourly rate) * (hours worked).~~

- The ARC approves the following maximum *loaded* hourly rates for the following named individuals and other staff employed by CONTRACTOR (for non-grant required overhead basis work).

James Ridgway	\$60.00	\$200
Annette DeMaria	\$43.00	\$140
John O'Meara	\$49.00	\$170
Zachare Ball	\$42.00	
Chris O'Meara	\$30.00	\$95
Marty Boote		\$135
Alice Bailey		\$110
Senior Staff	\$43.00	\$135
Mid-level Staff	\$31.00	\$100
Junior Staff	\$23.00	\$75
Administrative Staff	\$22.00	\$65

**For Reference: The Current loaded rates used under the existing compensation formula (hourly rate above + overhead + fee) vs. proposed rates are:*

<i>Jim Ridgway</i>	<i>\$185.92</i>	<i>\$200</i>	<i>(proposed)</i>
<i>Annette DeMaria</i>	<i>\$133.24</i>	<i>\$140</i>	<i>(proposed)</i>
<i>John O'Meara</i>	<i>\$151.83</i>	<i>\$170</i>	<i>(proposed)</i>
<i>Chris O'Meara</i>	<i>\$92.96</i>	<i>\$95</i>	<i>(proposed)</i>
<i>Zachare Ball McKane</i>	<i>\$130.14</i>		<i>(removed)</i>
<i>Marty Boote</i>		<i>\$135</i>	<i>(added, proposed)</i>
<i>Alice Bailey</i>		<i>\$110</i>	<i>(added, proposed)</i>
<i>Senior Level Staff</i>	<i>\$133.24</i>	<i>\$135</i>	<i>(proposed)</i>
<i>Mid-Level Staff</i>	<i>\$96.06</i>	<i>\$100</i>	<i>(proposed)</i>
<i>Junior Level Staff</i>	<i>\$71.27</i>	<i>\$75</i>	<i>(proposed)</i>
<i>Administrative Staff</i>	<i>\$68.17</i>	<i>\$65</i>	<i>(proposed)</i>



2016 ARC Budget Preparation Schedule

4/21/15	Finance Committee to approve 2016 Budget Preparation Schedule
4/22/15	Treasurer to distribute 2016 Budget Preparation Schedule
5/6/15	Executive Committee review 2016 Budget Preparation Schedule
5/26/15	Treasurer to send out letter to ECT requesting cost proposal for Executive Director Services to the Finance Committee by 9/7/15
5/26/15	Treasurer to send out letter to ARC Committees requesting budget submittals to the Finance Committee by 9/7/15
9/14/15	Finance Committee to receive cost proposal from ECT and distribute to Organization Committee
Week of 9/21/15	Organization Committee to meet to review ECT cost proposal
Week of 10/5/15	Finance Committee to receive budget proposals from ARC Committees
Week of 10/5/15	Finance Committee meeting to review draft budget information, finalize budget proposals and formulate recommendations to the Executive Committee
10/27/15	Executive Committee meeting to review the proposed budget
11/10/15	Full Alliance Meeting to adopt the 2016 ARC budget