



James W. Ridgway, P.E.
Executive Director

DRAFT AGENDA
Thursday, July 11, 2013 1:30 – 3:30 p.m.

Fairlane Center, Dining Room D , 19000 Hubbard Drive in Dearborn 2951 Greenfield Rd., Dearborn

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

Cooperating Partners
Cranbrook Institute of Science
Friends of the Rouge
Rouge RAP Advisory Council
Southeastern Oakland County Water Authority
Wayne State University

- | | | |
|--|--------------------|------|
| 1. Welcome –Kevin Buford, Chair | Information | |
| a. Roll Call/Determination of Quorum | | |
| b. Introductions of ARC guests | | page |
| c. Additions or changes to the Draft Meeting Agenda | | |
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| 4. Standing Committee Reports – Kevin Buford | | |
| a. Organization Committee (K. Cave and J. Seymour, Co-Chairs) | | |
| i. The Henry Ford Cooperating Partner Request | Action | 46 |
| b. PIE Committee (C. Markus, Chair) | Information | |
| i. Progress Report | | |
| c. Technical Committee (K. Mondora, Chair) | Information | |
| i. Progress Report | | |
| 5. Report from Cooperating Partners | Information | |
| 6. Report from WCDPS – Kelly Cave | Information | |
| 7. Opportunity for Public Comment – Kevin Buford | | |
| 8. Summary of Actions of Full Alliance – Chris O’Meara | Information | |
| 9. Upcoming Meeting Schedule | Information | |
| • PIE Meeting, 1:30 p.m. Wednesday July 31, location TBD | | |
| 10. Other Business | | |
| 11. Adjourn | Action | |

James W. Ridgway, P.E.
Executive Director



Working together, restoring the river

DRAFT MEETING SUMMARY
ALLIANCE OF ROUGE COMMUNITIES
March 28, 2013, 1:30 p.m. – 3:30 p.m.
Henry Ford community College, Dearborn

- Auburn Hills
- Beverly Hills
- Bingham Farms
- Birmingham
- Bloomfield Hills
- Bloomfield Twp.
- Canton Twp.
- Commerce Twp.
- Dearborn
- Dearborn Heights
- Farmington
- Farmington Hills
- Franklin
- Garden City
- Henry Ford Community College
- Lathrup Village
- Livonia
- Melvindale
- Northville
- Northville Twp.
- Novi
- Oak Park
- Oakland County
- Orchard Lake
- Plymouth
- Plymouth Twp.
- Pontiac
- 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

1. Welcome (Kevin Buford, Chair)

- a. Roll Call /Determination of Quorum** - Roll call was taken. The 29 members listed below were in attendance, which was sufficient for a quorum.

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

b. Introduction of ARC guests

Kevin Buford asked all guests in attendance to introduce themselves.

c. Additions or Changes to the Draft Meeting Agenda

The item "IDEP Training Plan" was added to the agenda under 5.c - Standing Committee Reports, Technical Committee.

d. Approval of November 7, 2012 Meeting Summary

The motion was made by Shawn Keenan, Auburn Hills, to approve the November 7, 2012 meeting summary. It was seconded by Jeff Mueller, Lathrup Village, and passed unanimously.

e. Kevin Buford announced the resolution prepared for Chuck Hersey as he retires. He thanked Chuck for his advocacy which has assisted the ARC in accomplishing its

Cooperating Partners:

- Cranbrook Institute of Science
- Friends of the Rouge
- Rouge River Advisory Council
- Southeastern Oakland County Water Authority
- Wayne State University

objectives. The Alliance of Rouge Communities extends its gratitude to Chuck Hersey and wishes him all the best in retirement.

2. Sewer Funding Law

Chuck Hersey, SEMCOG, gave a summary of the Sewer Funding Bills which includes a state operated grant program and a state operated and managed loan program in addition to the separate federal SRF program. The approximate funding is \$454 million with the maximum possible being \$654 million with the intent to spend these funds over the next 5-7 years depending on demand. He explained that the grant program purposed will incentivize up front activities that improve efficiency and reduce long term costs. The state-operated loan program would be free of federal red tape associated with SRF programs. Eligible projects are similar to those in conventional SRF but would have to emanate from an asset management plan. He stated that MDEQ has formed a small workgroup to help develop and implement the State grant and loan programs. There will not be a competitive application process with point scoring systems. Rather, priority will largely be based on the order in which applications are received. He informed the ARC that SEMCOG will be holding information workshops on these programs once enough details are available. The MDEQ has indicated it will take 6-9 months to get the program up and running. The handouts shared at the Full ARC meeting are included at the end of this meeting summary.

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

a. 2013 A/R and A/P Reports

Brandy Siedlaczek, Southfield, reviewed the A/R and A/P reports. The receivables report shows the first round of dues along with the last Rouge Grant reimbursement request for 2012. She stated that the payables are all in the review process and are being scheduled for payment.

b. 2013 Budget Amendment

Brandy Siedlaczek reviewed the Organization Committee Amendment 1 which adds a task to develop a Stormwater Financing White Paper that gives the financing options for ARC members after the Rouge Project funding is gone in June 2014. Executive Director staff will develop a white paper that describes the steps and data requirements for implementing the short-listed funding options. Based on direction from the Organization Committee in late 2012, ED staff will focus on the establishment of 1) stormwater utilities at the local level that will stand up to the Headlee Amendment and 2) Inter- or Intra-County Drainage Districts. The white paper will cover funding the ARC and funding storm sewer maintenance activities. The paper will include:

- The results of a survey regarding how members are currently paying for stormwater efforts,
- The real community costs associated with storm system maintenance and permit compliance based on input from a few select communities,
- A description of ARC-provided compliance services and costs,
- The cost of complying with the new and old permits,
- A description of the two funding options and implementation steps,
- A table showing the pros and cons for each option, and
- Recommendations for future steps that the ARC should undertake.

This request requires no budget increase to the overall 2013 ARC budget. The white paper is in draft form now and the Organization Committee hopes to have a final draft in June.

Kevin Buford expressed that the Executive Committee requested a more detailed paper and the Executive Director staff continues to be improving the white paper. Jim Wineka asked if the state preferred a storm water utility? No clear preference was known. Chuck Hersey stated that they have various opinions and stated that once a community has asset management they may move forward appropriately.

Jim Ridgway stated that storm water is perceived as being free. The big change is getting people to understand the role of stormwater, how it impacts individuals, and what it costs to prevent flooding and comply with regulations.

There was some discussion regarding whether similar reports were created under the Rouge River National Wet Weather Demonstration Project. Annette DeMaria, ARC Staff, informed the ARC that this paper was reviewed as part of the white paper initially prepared to support funding illicit connections. Jim Ridgway express the importance of having this paper available to public works officials when presenting to councils when seeking funding for stormwater activities (including how to fund the ARC activities after the Rouge grant is gone).

The motion was made by Don Rohraff, Livonia, to approve the 2013 Budget Amendment (Organization Committee Amendment 1) as presented by the Finance Committee. The motion was seconded by Kathryn Hagaman, Bingham Farms and passed unanimously.

c. 2013 ECT Contract Amendment

Brandy Siedlaczek reviewed the contract amendment to the scope of services for the Executive Director Services, Appendix A (revised) with ECT. This amendment increases the total compensation for the scope of services by \$12,600 to fund the development of the Stormwater Financing White Paper. This budget is being transferred from the Technical Committee IDEP task.

The motion was made by Karen Mondora, Farmington Hills, to approve the 2013 ECT ED Services Contract Amendment as presented by the Finance Committee. The motion was seconded by Don Rohraff, Livonia, and passed unanimously.

4. Executive Director Report

a. Grant Status Report

GLRI 1 (Transforming the Rouge):

This grant project was extended to June 30, 2013 to allow us to spend the remaining grant funding. The funding will be used to add 10 additional acres of grow zones, bringing the total to 35 acres of grow zones; complete additional post-construction monitoring events and monitor the Lola Valley (Wayne County Parks) re-seeding. Additionally, FOTR had grant funds remaining from the Erb grant which paid for an additional sampling event, the Winter Stonefly Search, which was held on January 26, 2013. ARC staff has begun writing the final report for this project

GLRI 2 (Danvers Pond Dam Removal, Farmington Hills):

This project is complete and the final report was approved by EPA-GLNPO.

NOAA Fisheries Grant -Wayne Road Dam Removal:

This project is substantially complete, with monitoring activities being conducted currently. Grant activities are slated to be complete June 30, 2013.

CMI Water Quality Monitoring Grant:

We have completed 5 rounds of dry weather sampling on Pebble Creek which crosses West Bloomfield, Farmington Hills and Southfield. These results indicate that the highest E. coli levels in the Creek are at Orchard Lake Rd (Geomean of 573 verses less than 250 at the other locations). Two more rounds of sampling will be completed in spring 2013. If the results are consistent, then field staff will walk the Creek between Orchard Lake and Farmington roads.

U.S. Forestry/GLRI 2011:

The Fall, 2012 planting (436 trees) was completed and verified by the end of 2012. The ARC will plant 729 trees this spring (including an additional 347 trees purchased with unused funds)

Public Advisory Council/Great Lakes Commission:

ARC staff has facilitated three meetings of the Rouge River Advisory Council (RRAC), formerly the Rouge RAP Advisory Council. The RRAC website has been designed. Work continues on the Lower Rouge Delisting Strategy based on current projects and planned projects along the Lower Rouge. Additionally, an update to the Rouge River Report Card is underway.

Erb Foundation Capacity Building for the Alliance of Rouge Communities:

The Private Partners are currently reviewing the draft proposal and will supply letters of support. In March, we will submit a draft application to the EPA to conduct monitoring and assessment of the sediment in the Lower Rouge Main Channel. We are requesting approx. \$830,000 from EPA and proposing to supply \$450,000 in non-federal funds which are being provided by DTE, Ford, Marathon, MDEQ and Erb Foundation. The goal of this project is to determine remediation options for mitigating the ecosystem impacts caused by the contaminated sediments. This will be accomplished by conducting Utility, Bathymetric, Shoreline/In River Structure, Sediment Transport, Streambank and Habitat Assessments, Sediment Sampling /Analyses, Completion of a Feasibility Study, and Public Outreach. We anticipate that there may be some negotiation with the EPA before the application is approved. Once approved, the ARC will secure agreements from DTE, Ford and Marathon for the matching funds and enter into an agreement with EPA.

Outstanding Grant Applications**NOAA Great Lakes Habitat Restoration Regional Partnership Grant:**

The ARC, RRAC and the Detroit River AOC and several partners, applied for this grant which funds Area of Concern activities for fish and wildlife habitat related projects over three-year period. If successful, the ARC could be responsible for overseeing up to \$3 Million in projects in the Rouge and Detroit AOCs over a three-year period.

NOAA Habitat Restoration Grant:

The ARC applied for \$250,000 design grant to design Phase III of the Oxbow at The Henry Ford (Greenfield Village) in Dearborn, which would connect the Oxbow to the channelized portion of the Rouge River.

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

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

2013 Area of Concern/Public Advisory Committee Grant:

The ARC has applied for \$41,000 to complete three tasks: Facilitation of the Rouge Advisory Committee; Creation of project profile sheets on the Rouge AOC Priority Projects to remove Beneficial Use Impairments, and Creation of promotional fact sheets on the ARC's GLRI projects to show the storm water and habitat-related benefits of each project (Danvers Pond Dam, Wayne Road Dam, Transforming the Rouge, 2011 U.S. Forest Service grant).

b. Legacy Project Update

Jim Ridgway reported that Marathon sent a letter stating that they will be providing their support and that they are committed to the project. ARC staff anticipates similar letters from DTE and Ford. This support will serve as match to the project. ARC staff continues to meet with GLNPO and things continue to look hopeful for the project to move forward.

c. Clarification on ARC Position on new NPDES Storm Water Permit

ADW sent a letter recently to the Governor expressing their concerns. The ARC has not prepared anything formally. The Executive Committee discussed the letter and the position of the ARC. They asked the Executive Director staff to bring this topic to the Full ARC for direction. Jim Ridgway reviewed the ADW letter and stated that the ARC has various options to them and asked the membership to express what they believe is the ARC's concerns. The ARC could 1) monitor the permit requirements, 2) send a letter agreeing with the ADW's position or 3) craft our own position letter.

Some concerns expressed by members included funding the permit requirements and whether the list of requirements is too long or appropriate. Kathryn Hagaman, Bingham Farms, stated that she liked the ADW letter. However, we have spent a lot of money to get Headlee through the courts, if the feds say you have to do it then the state can say you have to do it. Jim Murray, Dearborn, stated that if it is federally mandated then Headlee does not apply and he would rather deal with Lansing and not the feds. Jim Wineka, Oakland County, expressed his concern is how do we fund these requirements. There was discussion about what was once considered good practices has now become requirements, when does it become a violation? Should the ARC ask for clarifications on violations? Noel Mullett, Wayne County, stated that the letter from the ARC should ask about flexibility--what might be good for one community might not fit another. It was also suggested that communities have their legal counsel review the ARC's letter prior to sending. Jim Ridgway restated that the majority of members believe that the ARC should send its own position letter and that the Executive Director staff will begin drafting the letter.

5. Standing Committee Reports

a. Organization Committee (Annette DeMaria reported for Kelly Cave, Co-Chair)

Bylaws

Annette DeMaria reported that the Bylaws have been approved by 22 communities which is more than enough to pass the revised ARC Bylaws. It was requested that the membership be notified on this development via email and those communities that have not approved the amended Bylaws should still get their respective council/board approval. There was a request to do a poll of the remaining communities to see if they will be approving the Bylaws or not.

Ban on Texting While Driving Policy

Annette DeMaria reviewed the draft Ban on Texting While Driving Policy that was developed to follow-up the requests from last year's A133 Audit. The new policies were developed by the ARC to incorporate some of the requirements under federal grants.

The motion was made by Shawn Keenan, Auburn Hills, to approve the Ban on Texting While Driving Policy as developed by the Organization Committee. The motion was seconded by James Gallogly, Northville, and passed unanimously.

Strategic Plan

Annette DeMaria reviewed the revised Strategic Plan which included updates to the mission, vision and goals and brings the document up to date.

The motion was made by Jim Murray, Dearborn, to approve the revised Strategic Plan as presented by the Organization Committee. The motion was seconded by Bob Belair, Canton Twp., and was approved. Let it be noted that Auburn Hills was opposed to the approval of the Strategic Plan because it does not address the issue for those communities that are in more than one watershed as it pertains to the storm water permitting goals.

b. PIE Committee (Brandy Siedlaczek, Chair)

Brandy Siedlaczek, Southfield, reported that the PIE Committee held its first meeting on March 7, 2013 in Southfield. Michelle Arquette-Palermo from the Clinton River Watershed Council discussed the Collaborative PEP they have developed that was recently approved by MDEQ. The PIE Committee will be working on a Collaborative PEP this year.

The ARC and Friends of the Rouge presented its first homeowner's native plant gardening workshop on March 12 at Cranbrook. About 30 people attended. Another workshop is planned for tonight in Canton Township. Two more will be in April in Farmington Hills and Henry Ford Community College.

Brandy Siedlaczek reported that the following Rain Barrel Sales are scheduled:

- June 1 in Bloomfield Township
- June 15-16 at Canton Township's Liberty Fest
- September in Novi

The following Septic System Maintenance Workshops are scheduled:

- May 6: Southfield
- May 8: Farmington Hills

Brandy Siedlaczek reported that the next PIE meeting is scheduled for Thursday, May 23, 2013, the location has not been decided yet.

c. Technical Committee (Annette DeMaria reported for Karen Mondora, Chair)
Annette DeMaria shared with the membership the draft IDEP Training Plan. The goal of the plan is to provide training to the southeast Michigan region focused on illicit discharge elimination and storm water pollution prevention. There are three main objectives of this plan. The first objective is to establish a framework that shares responsibility and costs of training on a regional basis. The second objective is to be efficient by maximizing class size not duplicating efforts and spreading the costs over the region. The third objective is to make it unnecessary to charge a fee for the training. Partners in this effort include Macomb, Oakland, St. Clair, Washtenaw and Wayne Counties, SEMCOG, the ARC and ADW. The IDEP Training Plan is included at the end of this meeting summary.

The motion was made by Shawn Keenan, Auburn Hills, to approve the IDEP Training Plan as developed by the Technical Committee. The motion was seconded by Don Rohraff, Livonia, and passed unanimously.

Annette DeMaria reported that the IDEP training has been condensed to a half-day session which should make it easier for some to attend. Training is tentatively planned for late September.

Annette DeMaria reported that both Wayne County and Oakland County are preparing their IDEP scope of work for this year.

Annette DeMaria stated that the MDEQ is requesting nominations for target areas for inclusion in the next 319 Grant announcement and asked that any member forward their recommendations to her.

6. Report from Cooperating Partners

Friends of the Rouge

Friends of the Rouge announced that their office moved to another building at the University of Michigan-Dearborn. Their address and emails have changed and most people should have received that information. Upcoming events include native gardening workshops and the spring bug hunt.

7. Report from WCDPS

Noel Mullett, Wayne County, report on behalf of Kelly Cave that they are working on the 2012 progress report and asked that any success stories or photos be forwarded to them to include in the report. He also reported that Wayne County will be having a Household Hazardous Waste event on April 13 in Redford Twp.

8. Opportunity for Public Comment

Alan Gigliotti, Henry Ford Community College, shared an invitation to hear the CEO of The Nature Conservancy at Inforum 51st Annual Meeting. The invitation will be emailed out to the ARC after the meeting.

Andrew Bahrou, MDEQ, added to Annette's request for target areas for the 319 grants stating that they value the ARC's input. He also said that in regards to the Collaborative PEP and IDEP his door is open if he can assist in streamlining these efforts. He also stated that he has looked at the application for the old permit versus the new permit and agreed that the application is very overwhelming and agrees that organizationally it has problems. He stated that he is open to presentations or meetings on the new permit and that he would like to be part of the solution.

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

- The November 7, 2012 meeting summary was accepted.
- The 2013 Budget Amendment to OC1 was approved.
- The 2013 ECT ED Services Appendix A contract amendment was approved.
- The Ban on Texting While Driving Policy was approved.
- The ARC Strategic Plan was approved.
- The IDEP Training Plan was approved.

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

- Organization Committee Meeting, April 23, 1:30 p.m., Farmington Hills
- PIE Meeting, May 23, at 1:30 at Annette's house: 4360 Squirrel Road, Bloomfield Twp. (demonstration of green infrastructure techniques).
- PIE Meeting, July 11, Beverly Hills

11. Adjourn

The motion to adjourn the meeting was made by Don Rohraff, Livonia, and seconded by Jeff Mueller, Lathrup Village. The motion passed unanimously.

**Alliance of Rouge Communities
A/R Aging Summary
As of July 9, 2013**

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Beverly Hills	2,866.00	0.00	0.00	0.00	0.00	2,866.00
Bingham Farms	624.00	0.00	0.00	0.00	0.00	624.00
CMI Monitoring TMDL Grant	0.00	0.00	715.77	0.00	0.00	715.77
Farmington	2,605.00	0.00	0.00	0.00	0.00	2,605.00
Great Lakes Rain Barrel	0.00	660.00	0.00	0.00	0.00	660.00
Henry Ford Community College	750.00	0.00	0.00	0.00	0.00	750.00
Lathrup Village	1,220.00	0.00	0.00	0.00	0.00	1,220.00
Novi	15,628.00	0.00	0.00	0.00	0.00	15,628.00
Plymouth	2,210.00	0.00	0.00	0.00	0.00	2,210.00
Pontiac	0.00	0.00	0.00	0.00	508.00	508.00
Redford Township	0.00	0.00	0.00	12,168.00	0.00	12,168.00
Rouge River National Wet Weather Dem. Pro	0.00	0.00	41,499.99	0.00	0.00	41,499.99
Southfield	18,793.00	0.00	0.00	0.00	0.00	18,793.00
Wayne	5,153.00	0.00	0.00	0.00	0.00	5,153.00
TOTAL	<u>49,849.00</u>	<u>660.00</u>	<u>42,215.76</u>	<u>12,168.00</u>	<u>508.00</u>	<u>105,400.76</u>

Alliance of Rouge Communities
A/P Aging Summary
 As of July 9, 2013

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Environmental Consulting & Technology, In	9,530.99	0.00	0.00	0.00	0.00	9,530.99
Friends of the Rouge	0.00	7,666.89	0.00	0.00	0.00	7,666.89
Inland Lakes Landscaping Corp.	0.00	0.00	9,973.78	0.00	0.00	9,973.78
Peer 1 Hosting	0.00	0.00	199.00	199.00	0.00	398.00
TOTAL	<u>9,530.99</u>	<u>7,666.89</u>	<u>10,172.78</u>	<u>199.00</u>	<u>0.00</u>	<u>27,569.66</u>

**Alliance of Rouge Communities
DRAFT 2013 Budget**

Expected Revenues Available for 2013

2013 Dues from Communities	\$ 269,195
2013 Rouge Project Grant (estimated)	\$ 233,286
Rouge Project Grant Match	\$ 22,500
GLRI/FS Grants	\$ 315,289
GLRI Match	\$ 41,693
CMI Grant	\$ 19,137
NOAA Grant	\$ 138,888
SPAC Grant	\$ 29,735
ERB Foundation Grant	\$ 125,134
2013 Rain Barrel Sales (estimated)	\$ 1,400
Corporate Support	\$
Rollover Dues from 2012 Budget (estimated)	\$ 8,915
	\$ 1,205,170

Proposed ARC Budget Items	Committee Proposal	Funding Source									"Provider" Using Budget (3)
		ARC Dues	Rouge Grant	GLRI Grant	SPAC Grant	NOAA Grant	CMI Grant	ERB Grant	Other Source/Match		
Rouge Grant											
Organization Committee											
(1)(9)OC1 Executive Director Services	\$ 171,021	\$ 85,511	\$ 85,511								EDS
(2)(11) Pursuing Grant Opportunities	\$ 30,000	\$ 30,000									EDS
Organization Committee Total	\$ 201,021	\$ 115,511	\$ 85,511								
Finance Committee											
(2)FC1 Accounting/Legal Services	\$ 17,000	\$ 17,000									outside purchase
(2)FC2 ARC Insurance	\$ 4,000	\$ 4,000									outside purchase
Finance Committee Total	\$ 21,000	\$ 21,000									
Public Education and Involvement Committee											
PIE1 Green Infrastructure Campaign	\$ 51,500	\$ 25,750	\$ 25,750								EDS/WC/ARC
PIE2 Public Ed Materials	\$ 15,500	\$ 7,750	\$ 7,750								EDS/WC/ARC
PIE3 Website Maintenance	\$ 7,750	\$ 3,875	\$ 3,875								EDS/WC
PIE4 Septic System Maintenance Workshops	\$ 4,500	\$ 2,250	\$ 2,250								EDS
PIE5 Watershed Stewardship and Reporting	\$ 13,500	\$ 4,250	\$ 6,750						\$ 2,500		FOTR
PIE Committee Total	\$ 92,750	\$ 43,875	\$ 46,375						\$ 2,500		
Technical Committee											
TC1 Rouge River Watershed Monitoring Activities	\$ 148,100	\$ 54,050	\$ 74,050						\$ 20,000		WC/EDS/FOTR
TC2 Storm Water Reporting	\$ 12,400	\$ 6,200	\$ 6,200								EDS/ARC
(9)TC3 IDEP	\$ 42,300	\$ 21,150	\$ 21,150								EDS/WC/OC
Technical Committee Total	\$ 202,800	\$ 81,400	\$ 101,400						\$ 20,000		
Total Amount Requested by All Committees	\$ 517,571	\$ 261,786	\$ 233,286						\$ 22,500		
		ARC Dues	Rouge Grant	GLRI Grant	SPAC Grant	NOAA Grant	CMI Grant	ERB Grant	Other Source/Match		
GLRI Grant											
GLRI 1	Transforming the Rouge AOC from Mowed Down to Grown Up	\$93,742		\$52,049					\$41,693		
GLRI1F Public Education		\$2,000	\$2,000								
Sub-total GLRI 1		\$95,742	\$2,000	\$52,049					\$41,693		
(6)FS 1	US Forestry EAB Restoring Community Trees in Urban Watershed	\$263,240		\$263,240							
TOTAL GLRI		\$358,982	\$2,000	\$315,289					\$41,693		
		ARC Dues	Rouge Grant	GLRI Grant	SPAC Grant	NOAA Grant	CMI Grant	ERB Grant	Other Source/Match		
CMI											
(5)CMI1 CMI1 Rouge River Monitoring for E.coli TMDL Implementation	\$19,137						\$19,137				
TOTAL CMI	\$19,137						\$19,137				
NOAA											
(4)NOAA1 NOAA1 Wayne Road Dam Removal	\$138,888					\$138,888					
TOTAL NOAA	\$138,888					\$138,888					
SPAC											
(7)SPAC4 SPAC4 RRAC Facilitation	\$15,735				\$15,735						
(10)SPAC5 SPAC5 RRAC Facilitation 7/13-6/14	\$14,000				\$14,000						
TOTAL SPAC	\$29,735				\$29,735						
ERB Foundation											
(8)ERB1 Legacy Act Proposal	\$125,134							\$125,134			
TOTAL ERB	\$125,134							\$125,134			
TOTAL BUDGET	\$1,189,447	\$263,786	\$233,286	\$315,289	\$29,735	\$138,888	\$19,137	\$125,134	\$64,193		
TOTAL INCOME	\$1,205,170										
Available Unallocated ARC Budget (total income minus total budget)	\$15,724										

Notes

- (1) Includes fiduciary services, advocacy and administration
- (2) Not a Rouge grant eligible item; funded 100% from ARC dues
- (3) EDS - Executive Director Services, WC - Wayne County, OC - Oakland County Officers and committee members provide assistance to implement most of the ARC tasks. Cost for this assistance is not included in ARC budget.
- (4) NOAA grant amount of \$138,888 remains and is budgeted in 2013. Total award is \$1,033,536.
- (5) CMI1 grant amount of \$19,137 remains and is budgeted in 2013. Total award is \$49,895.
- (6) FS1 GLRI/USDA Forest Service grant amount of \$263,240.11 remains and is budgeted in 2013. Total award is \$374,980.
- (7) SPAC4 grant amount of \$15,735 remains and is budgeted in 2013. Total award is \$50,207.
- (8) ERB1 grant amount of \$125,134 remains and is budgeted in 2013. Total award is \$150,000.

Amendments approved on 3/28/13:

- (9) OC Amendment 1: Financing options for the ARC after Rouge Grant is eliminated in June 2014, increase OC1 budget from \$158,421 to \$171,021, and a decrease in TC3 from \$62,500 to \$49,900.

DRAFT Amendments 6/18/13:

- (10) FC Amendment 1: SPAC5 for RRAC Facilitation 12 month grant, total award is \$28,878 with \$14,000 anticipated in 2013 and the remainder of \$14,878 will be budgeted in 2014
- (11) OC Amendment 2: Grant preparation for SAW grant and ERB Foundation, increase OC1 from \$20,000 to \$30,000



Alliance
of Rouge
Communities

OURS TO PROTECT

Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2013 BUDGET AMENDMENT: Finance Committee Amendment 1

REQUEST DATE: June 14, 2013

LINE ITEM: Add SPAC 5 RRAC Facilitation

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The Alliance of Rouge Communities (ARC) has received an 12- month \$28,878 grant from the Great Lakes Commission to facilitate the Rouge RAP Advisory Council. The ARC was awarded the funding in May, 2013, with activities beginning on July 1, 2013 and ending June 30, 2014.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The Rouge RAP Advisory Council (RRAC) and the Alliance of Rouge Communities (ARC) applied for this grant to fund activities to continue to re-build RRAC and facilitate RRAC meetings and general business activities in the Rouge River Area of Concern (AOC). These activities include re-establishing a larger active membership list, facilitating RRAC meetings and continuing to support the Rouge RAP Advisory Council website. Additionally, the ARC staff and Wayne County staff will develop fact sheets for Rouge AOC Priority Projects to put the ARC and RRAC in a better position to access future GLRI funding.

RATIONALE: The 2013 budget must be adjusted to reflect this additional funding.

BUDGET: This amendment adds the GLC SPAC grant budget line to the 2013 ARC Budget with funding anticipated for 2013 activities in the amount of \$14,000. No match is required. The remainder of the grant funds (\$14,878) will be booked in the 2014 budget.

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



**ALLIANCE OF ROUGE COMMUNITIES
FINANCE COMMITTEE**

**2013 Budget Amendment
Organization Committee Amendment 2**

Working together, restoring the river

REQUEST DATE: July 5, 2013

LINE ITEM: OC2: Grant Preparation

COMMITTEE MAKING REQUEST: Organization Committee

BACKGROUND: Federal funding from Wayne County will not be available to the ARC after May 30, 2014. In order to continue the operation of the ARC beyond this date, the ARC will apply for funding from the Erb Family Foundation (EFF) and from the MDEQ’s Stormwater, Asset Management and Wastewater (SAW) Program. The ARC has received funding from EFF previously to prepare and provide some match for the Great Lakes Legacy Act proposal. In addition, Friends of the Rouge has received EFF funding with the ARC’s assistance.

The SAW program is new and we have verified with the Attorney General’s Office that the ARC is eligible for SAW funding and permit application-required planning activities are fundable.

The 2013 Grant Preparation budget (\$20,000) was expended in early 2013 preparing the following grant applications:

Program	Grant Description	Amount	Status
NOAA Habitat Restoration	Oxbow Reconnection to the Rouge – Phase 3 (Design)	\$252,000	Funded
Great Lake Commission	Support to the Rouge River Advisory Committee (RRAC)	\$28,878	Funded
NOAA Habitat Restoration Regional Partnership	Funding for Fish and Wildlife habitat restoration for 3 years	\$3,000,000	Pending, but unlikely
U.S Forestry Service	Replace 1,835 trees to mitigate the impacts of Emerald Ash Borer	\$250,000	Pending

DESCRIPTION OF ANTICIPATED ACTIVITIES: If this amendment is approved, the Executive Director (ED) staff will prepare two grant applications on behalf of the ARC. The grant application to the Erb Family Foundation (EFF) will perhaps cover ARC operating expenses for a 12-18 month period. The exact scope of the request will be discussed with EFF prior to submission to improve the ARC’s chances of success.

The second grant will be prepared for the SAW program to carry out many of the items needed to complete the MS4 grant application. The items to potentially be included in the SAW grant are as follows:

- Develop Collaborative Public (Stakeholder) Participation/Involvement Program,
- Develop and conduct public/stakeholder survey and facilitate input sessions to develop consensus public participation/involvement program,
- Develop a Collaborative alternative PEP plan including SOPs templates,

- Develop and conduct a Public Awareness & Attitudes Stormwater Survey to set PEP priorities and determine progress in awareness,
- Develop consensus goals and methods to assess effectiveness of Collaborative PEP,
- Develop a Collaborative alternative IDEP plan including SOPs,
- Water quality sampling to determine current conditions to update IDEP priority areas and update the IDEP priority areas map,
- Map outfalls and storm water discharge points to waters of the state,
- Screen/survey outfalls and storm water discharge points to waters of the state in updated IDEP prioritized areas to further prioritize IDEP advanced investigation areas,
- Survey ARC members & nested jurisdictions for priority facility dye-testing,
- Perform site evaluations of priority IDEP Investigation facilities to prioritize work efforts,
- Develop consensus goals and methods to assess effectiveness of Collaborative IDEP,
- Develop procedures for handling Part 91 issues,
- Develop Post Construction templates for implementing county standards ,
- Inspect and prioritize municipal maintenance facilities for their potential to discharge pollutants,
- Develop/Update pollution prevention SOPs for High Priority facilities (some may already be completed by SEMCOG),
- Develop a Good Housekeeping/Pollution Prevention (GH/P2) SOP Manual for Municipal O & M activities (ex: street sweeping, catch basin cleaning, vegetative property maintenance, debris disposal, etc.),
- Develop a training program/process for educating municipal employees and contractors on IDEP & GH/P2 SOPs,
- Develop consensus measurable goals and methods to assess effectiveness of ARC GH/P2 efforts;
- Identify BMPs to address TMDLs including assessing and prioritizing potential GI retrofits to ARC member facilities and properties, and
- Develop a TMDL Monitoring Plan for assessing the effectiveness of BMPs.

Preparation of the SAW grant application is reimbursable. In addition, eligible expenses incurred after January 2, 2013 are reimbursable. These expenses could include the dues portion of 1) the 2013 DO/flow monitoring conducted by USGS, 2) the development of the Collaborative IDEP plan and 3) surveying ARC members for ARC member & nested school jurisdictions for facility dye-testing.

RATIONALE (including why needed): These activities are needed to secure grant funding for operational activities to continue the existence of the ARC once federal funding is eliminated on May 30, 2014 and in order for communities to complete the new permit application.

BUDGET (including how the amount requested was established): The estimated budget for this initiative is \$10,000 as shown below. It will be paid for 100% by ARC dues.

Item	EFF Effort (hours)	SAW Effort (hours)
Refining the scope of work	4	8
Prepare grant narrative	12	16
Estimating costs	4	17
Communication with granting agency	4	4
Accounting for incurred costs	NA	2
Obtaining resolution of support from the ARC	NA	6

Total Hours	24	53
Total Budget by task (@\$130/hr)	\$3,120	\$6,880
Total Budget Requested	\$10,000	

Given that the ARC does not have sufficient remaining budget to fund this effort, budget needs to be transferred from other ARC line items as described below.

Budget Item (responsible party)	Amount Transferred from		Impact on Scope
	ED Budget	Non-ED Budget	
PIE 1 – Green Infrastructure Campaign: Collaborative PEP (ED)	\$5,000	0	Eliminate development of the Collaborative PEP (include in SAW grant).
PIE 1 – Green Infrastructure Campaign: Collaborative PEP (WC)	0	\$2,500	Reduces WC’s level of effort to zero.
TC 1 – Monitoring Activities: Water Quality Summary (ED)	\$1,500	0	None
TC1 – Monitoring Activities: Monitoring Plan Develop (ED)	\$3,400	0	Eliminate development of the monitoring plan (include in SAW grant)
TC3 – IDEP: Field Investigations (OC)	0	\$6,600	Reduces OC’s level of effort to \$15,800
TC3 – IDEP: Field Investigations (ED)	\$1,000	0	Less assistance to develop and oversee OC’s work plan.
Subtotal(50% dues and 50% grant)	\$10,900	\$9,100	
Amount available for Grant Writing	\$5,450	\$4,550	Only 50% of the total is available for grant preparation because grant writing is not reimbursable by RPO grant funding.
Total available for Grant Writing	\$10,000		

The net effect in the ARC committees’ budgets is as follows:

- A decrease in PIE1 from \$59,000 to \$51,500;
- A decrease in TC1 from \$153,000 to \$148,100;
- A decrease in TC3 from \$49,900 to \$42,300; and
- Since only 50% of the budget is available for grant preparation, these transfers result in a \$10,000 increase to line item OC2 (Pursuing Grant Opportunities). Therefore, OC2 is increased from \$20,000 to \$30,000.

\$5,450 of the \$10,000 needed to carry out this request is already assigned to the ED. Therefore, only \$4,550 needs to be transferred to the ED’s budget.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: ED staff will implement these activities. The ED will oversee the task on behalf of the ARC.

Alliance of Rouge Communities
Executive Director Services
Appendix B - Scope of Services for SPAC 5 RRAC Facilitation

Environmental Consulting & Technology, Inc.

July 1, 2013 to June 30, 2014

The total compensation for this scope of services is \$22,978 (of which \$14,000 is anticipated to be spent during the 2013 budget year). The ARC will be reimbursed by the Great Lakes Commission for 100% of this cost. The total budget includes a fixed fee of: \$2,960.22.

Project

The Alliance of Rouge Communities (ARC) has received a 12-month \$28,878 grant from the Great Lakes Commission to facilitate the Rouge RAP Advisory Council and develop Rouge AOC Priority Project Fact Sheets. The ARC was awarded the funding in May, 2013, with activities beginning on July 1, 2013.

Project Tasks

TASK 1: COORDINATION/FACILITATION OF PAC (RRAC) MEETINGS: During the grant period, it is anticipated that the ARC will continue to facilitate and support the activities of RRAC, including assisting RRAC with quarterly meetings and other activities by providing meeting logistics, writing and distributing meeting summaries, distributing agendas, maintaining contact lists, updating the RRAC web page and other activities needed for RRAC to fulfill its mission as a public advisory group.

RRAC officers including the RRAC/PAC representative will continue their efforts to communicate and network with other interested partners and organizations by attending ARC Public Involvement and Education Committee and Technical Committee meetings and events, Friends of the Rouge (FOTR) committee meetings and events, Friends of the Detroit River (FDR) meetings and events and Southeast Michigan Council of Governments (SEMCOG) meetings. Outreach/partnership meetings and/or discussion with watershed universities, Army Corp of Engineers, and Detroit Water and Sewerage Department (DWSD) are anticipated during this grant period. Note: This task will begin on October 1, 2013 when current grant funding for this task ends. **ECT Budget: \$9,145**

TASK 2: DEVELOPMENT OF FACT SHEETS FOR ROUGE AOC PRIORITY PROJECTS: The ARC, with the support of RRAC, has been successful in obtaining GLRI funding to conduct projects in the Rouge River AOC to address fish and wildlife habitat-related BUIs. There are still opportunities to receive GLRI funding for other AOC priority projects. However, the RRAC and its partners do not have accurate, reliable descriptions of the priority projects, determination of the actual tasks needed to complete those projects, the appropriate stakeholders and the cost of designing and completing those projects. If the ARC and RRAC

hope to continue to successfully access GLRI funding for AOC projects that address BUI removal, this partnership must have well-thought out projects, and accurate costs for completing those projects.

RRAC will use these funds to develop specific profiles which will include accurate task descriptions, timetables and funding estimates for up to 10 priority projects identified by the current GLNPO/RRAC project that is using available data to identify priority projects that will address BUIs in the Rouge AOC. RRAC will develop these profiles in concert with the Rouge AOC coordinator and the Rouge GLNPO representative.

These fact sheets will serve as the springboard for seeking future grants and local match. This task will directly impact BUI removals by giving the RRAC a valid list of tasks needed to complete each priority project identified to remove BUIs, accurate project descriptions of those tasks and accurate costs to complete individual projects. This will provide RRAC with a road map for doing so. **ECT Budget: \$12,532**

TASK 3: FINAL REPORT: The final report will include all work products from Tasks 1-3.
ECT Budget: \$1,301

PROJECT OUTCOMES AND DELIVERABLES:

Outcomes from the proposed project:

- Continuation of regular RRAC meetings and web page maintenance;
- Development of up to 10 priority project profiles with valid task descriptions, accurate cost estimates and expected outcomes of the Rouge River AOC priority projects. This gives RRAC an opportunity to revisit these priority projects and to develop them to be more responsive to the requirements of the various funders;

Alliance of Rouge Communities
 Executive Director Services
 Revised Appendix H (2011 Contract) - Scope of Services for NOAA Grant:
 Wayne Road Dam
 Removal and Habitat Improvement Project
 Environmental Consulting & Technology, Inc.
 January 1, 2013 to August 31, 2013

The time and total compensation for this scope of services is being revised based on approved NOAA revisions dated May 14, 2013, to add budget for two new tasks: Task 5: Post Monitoring and Task 6: Sign Development and Public Opening Event. The new end date is August 31, 2013 and the cost is increased by \$46,700 from \$215,536 to \$262,236. The ARC will be reimbursed by NOAA for 100% of this cost.

The Alliance of Rouge Communities (ARC) has received a \$1 million federal grant to remove the Wayne Road Dam in the City of Wayne and restore the fishery in the Lower Rouge River. The two-year grant was awarded to the ARC by the National Oceanic and Atmospheric Administration (NOAA), which provides financial and technical assistance to remove dams and barriers, construct fish passage, clean up marine debris, restore coastal wetlands, and remove invasive species in the region.

The Wayne Road Dam Removal and Habitat Improvement Project will restore fish passage for migratory species such as salmon, walleye, northern pike and small mouth bass, while stabilizing and improving shoreline habitat. The project will also reconnect 22 miles of the Lower Rouge River with the Great Lakes. The Wayne Road Dam was identified by the Michigan Department of Natural Resources as a major impediment to restoring fish and wildlife habitat in the Rouge River's Lower Branch. The Lower Branch of the Rouge River begins in Superior Township and flows through such communities as Canton Township, Wayne, Westland, Inkster, Dearborn Heights and Dearborn.

This revised Appendix H adds scope and budget to the original Appendix H to ECT's contract approved on November 1, 2011.

Project Location

The Wayne Road Dam is located in the City of Wayne, MI underneath and on the downstream side of the Wayne Road Bridge over the Lower Rouge River. The structural height of the dam is approximately three feet, with a hydraulic height of approximately 2.5 feet. The dam spans the entire 80-foot width of the stream, effectively creating a hydrologic barrier for the movement of fish between the Great Lakes system via the Detroit River (approximately 17 miles downstream) and the upstream reaches of the river. Removal of the Wayne Road Dam will reconnect this reach of the river to the Great Lakes system for the first time in over a century. While the history of the dam is unclear, anecdotal information provided in a Michigan Department of Natural Resources (MDNR) report (Beam and Braunscheidel 1998) suggests that the dam was constructed in the late

ECT Scope of Services

Revised Appendix H – NOAA Grant: Wayne Road Dam Removal and Habitat Improvement Project

2011 ARC Contract

1800s, likely on the former site of a mill that may have also been used to impound water for community water supply purposes. Construction of this dam over a century ago, as well as a legacy of subsequent activities (i.e., land use, shoreline development, point and

non-point source pollution, storm water runoff) have contributed to compromised water quality; loss of fish; benthos and wildlife health; habitat and populations, and loss of a natural flow regime.

Project Tasks

Task 1- Contract Documents and Contractor Selection-- The ARC will administer the contractor bidding processes, including issuing the bid package, conducting the pre-bid meetings, evaluating proposals, selecting the preferred contractors for construction activity, and managing the contracting process.

Cost: \$23,923.00

Task 2 - Construction and Construction Oversight- The contractor selected under task 1 will complete the construction in accordance with the construction documents. The ARC will provide construction oversight and monitoring during construction.

Cost: \$127,793.00

Task 3 - Grant Administration and Public Involvement- Grant administration and project reporting in accordance with NOAA's requirements will be completed by the ARC throughout the duration of the project. At the terminus of the project, a comprehensive report will present all project tasks, deliverables and outcomes, as well as monitoring information (data assembled to date and long term plan) to document progress in achieving goals and objectives. An emphasis will be placed on quantitative and qualitative outcomes including miles of stream restored for fish passage, linear feet of channel restored; number and type habitat structures installed; and improvements in benthos, fish population and species diversity. Public Involvement will be provided by Friends of the Rouge with oversight by the ARC.

Cost: \$18,188.00

Task 4 Monitoring – Pre construction monitoring will be completed by the ARC with support from Friends of the Rouge and Wayne County as detailed below.

Cost: \$45,632.00

New Tasks:

Task 5 - Post Monitoring – Spring Monitoring and Reporting, River Geomorphic Monitoring and Riffle Monitoring will be completed by the ARC staff.

Cost: \$34,000

Task 6 - Sign Development and Public Opening Event – ARC staff will design a permanent sign and plan and present an event to celebrate this project.

Cost: \$12,700

Please see attached spreadsheet for total budget costs.

ECT Scope of Services

Revised Appendix H – NOAA Grant: Wayne Road Dam Removal and Habitat Improvement Project

2011 ARC Contract

Alliance of Rouge Communities
Executive Director Services
Second Revision, Appendix A- Scope of Services for Basic Services

Environmental Consulting & Technology, Inc.

January 1, 2013 to December 31, 2013

The total compensation for the scope of services included in Appendix A is: \$301,221, which includes a fixed fee of \$44,508.15 and direct expenses of \$4,500.

1. **EXECUTIVE DIRECTOR ARC MEMBERSHIP MEETING SUPPORT**
(ED Services, \$44,833, 2013 ARC Budget)

a. Full Alliance Meetings (Jim Ridgway)

Staff support will be provided for each meeting, including preparation of the agenda (under the direction of the Chair), distribution of the materials prior to the three (3) full ARC meetings, facilitation of the meetings (including note-taking and tallying of votes at the meeting), and preparation/distribution of meeting summaries to members and other interested parties.

b. Executive Committee Meetings (Jim Ridgway)

Staff support will be provided for six (6) Executive Committee meetings. Staff support for each meeting will include (under the direction of the ARC Officers), preparation of the agenda, distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and documenting recommendations considered and actions taken), and meeting summary preparation and distribution.

c. Organization Committee Meetings (Zachare Ball)

Staff support will be provided for two (2) Organization Committee meetings. Staff support for each meeting will include (under the direction of the co-chairs), preparation of the agenda, distribution of the materials prior to the meeting, facilitation of the meetings (including note-taking and documenting recommendations considered and actions taken).

Staff support will be provided to research and describe options for communities to fund the activities of the ARC in the absence of federal funding. In addition, given the increased requirements of the Phase 2 stormwater permit, the Committee requested a discussion of the tasks and budget needed to fund the current and anticipated permit elements.

To accomplish this, Executive Director staff will develop a white paper that describes the steps and data requirements for implementing funding options. Based on direction from the Organization Committee in late 2012, ED staff will focus on the establishment of 1)

stormwater utilities at the local level that will stand up to the Headlee Amendment and 2) Inter- or Intra-County Drainage Districts. The white paper will cover funding the ARC and funding storm sewer maintenance activities. The paper will include:

- The results of a survey regarding how members are currently paying for stormwater efforts,
- The real community costs associated with storm system maintenance and permit compliance based on input from a few select communities,
- A description of ARC-provided compliance services and costs,
- The cost of complying with the new and old permits,
- A description of the two funding options and implementation steps,
- A table showing the pros and cons for each option, and
- Recommendations for future steps that the ARC should undertake.

Task A. Research

ECT will conduct the research necessary to complete the white paper. This will include internet searches, and communication with community and county staff.

Task B. White Paper Development

ECT will prepare and format the white paper using the following as an outline:

- I. Introduction
 - a. Background
- II. Permit Required Stormwater Activities
 - a. Current Permit Requirements
 - b. Future Permit Requirements
- III. Community Expenditures
 - a. Permit related
 - b. Non-permit related
- IV. Financing Options
 - a. Michigan Drain Code
 - i. Implementation
 - b. Stormwater Utility
 - i. Implementation

Comments from the Organization Committee will be solicited and addressed throughout paper development.

ECT will also prepare a cover letter to go along with the white paper. The final paper with the cover letter will be presented to the Executive Committee and Full ARC and posted on the ARC's website.

Task C. Meetings

Four Organization Committee meetings will be held: January (scoping discussion), February (first draft), March (second draft), and April (final draft). ECT will prepare for and present at each of these meetings. ECT will also summarize the feedback provide at each meeting and distribute the summary to committee members.

Deliverables: Org Committee meeting summaries via email, draft and final White Paper

d. SWAGs (Zachare Ball)

Staff support for one (1) meeting of each SWAG including preparation of the agenda (under direction of each SWAG Chair), distribution of materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/ distribution of meeting summaries to members and other interested parties.

**2. EXECUTIVE DIRECTOR SERVICES AND OPERATIONS
(ED Services, \$87,181, 2013 ARC Budget)**

a. Routine Distribution of Materials/Freedom of Information Act (FOIA) and Open Meetings Act - State Law Requirements

Information will be distributed to members of the ARC as requested by the officers of the ARC. ECT will respond to FOIA requests and meet the Open Meetings Act requirements consistent with the policies developed and adopted by the ARC.

b. Advocate for Rouge River Watershed and Primary Liaison

ECT will promote the ARC as the advocate for the Rouge River Watershed, serve as the primary spokesperson for the ARC, respond to requests for information and seek opportunities to promote ARC awareness. ECT will serve as the ARC primary liaison to all members, including both formal and informal interaction with government officials, legislators and staff on a regular basis.

c. Quick Books Monthly Tracking & Reporting

ECT will utilize QuickBooks for the financial tracking for the ARC. Monthly reports will be prepared for ARC members and officers.

d. Finance Committee (Jim Ridgway and Chris O'Meara)

ECT will work with the Finance Committee to develop and administer the annual budget and work plan. ECT will prepare monthly financial reports and coordinate the annual audit in accordance with ARC bylaws. ECT will attend up to four (4) Finance Committee meetings, including preparation of the agenda, distribution of materials prior to the meetings, and preparation/ distribution of meeting summaries to appropriate parties. Ongoing support services for the committee outside of the regular meetings will also be provided.

e. Administrative Oversight and Contractor Management

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

f. ARC Marketing and Communications Strategy

ECT will oversee development and implementation of the ARC marketing and communications strategy. ECT staff will work closely with ARC Officers and staff on

development of press releases, interaction with the media, and design of promotional materials. This task will also provide for regular updates of ARCommunications newsletter.

g. Annual Report

ECT will prepare and distribute the annual report reflecting ARC accomplishments.

Deliverable: 2012 ARC Annual Report

3. TECHNICAL COMMITTEE SUPPORT (*ED Services, \$14,986, 2013 ARC Budget*)

Staff support will be provided for three (3) meetings, including preparation of the agenda (under the direction of the Technical Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Staff support will be provided for developing the 2014 Technical Committee budget.

Deliverables: Meeting Summaries; 2014 Technical Committee Budget

4. PUBLIC INVOLVEMENT & EDUCATION COMMITTEE SUPPORT (*ED Services, \$19,521, 2013 ARC Budget*)

Staff support will be provided for four (4) meetings, including preparation of the agenda (under the direction of the PIE Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Staff support will be provided for developing the 2014 PIE Committee budget.

Deliverables: Meeting Summaries; 2014 PIE Committee Budget

5. PURSUING GRANT OPPORTUNITIES (*ED Services, \$30,000, 2013 ARC Budget*)

Staff will research and develop four (4) grant applications to support ARC activities and initiatives.

In addition to the 4 grant applications above the Executive Director staff will prepare two additional specific grant applications on behalf of the ARC. A grant application to the Erb Family Foundation (EFF) will perhaps cover ARC operating expenses for a 12-18 month period. The exact scope of the request will be discussed with EFF prior to submission to improve the ARC's chances of success.

The second grant will be prepared for the SAW program to carry out many of the items needed to complete the MS4 grant application. The items to potentially be included in the SAW grant are as follows:

- Develop Collaborative Public (Stakeholder) Participation/Involvement Program,
- Develop and conduct public/stakeholder survey and facilitate input sessions to develop consensus public participation/involvement program,
- Develop a Collaborative alternative PEP plan including SOPs templates,
- Develop and conduct a Public Awareness & Attitudes Stormwater Survey to set PEP priorities and determine progress in awareness,
- Develop consensus goals and methods to assess effectiveness of Collaborative PEP,
- Develop a Collaborative alternative IDEP plan including SOPs,
- Water quality sampling to determine current conditions to update IDEP priority areas and update the IDEP priority areas map,
- Map outfalls and storm water discharge points to waters of the state,
- Screen/survey outfalls and storm water discharge points to waters of the state in updated IDEP prioritized areas to further prioritize IDEP advanced investigation areas,
- Survey ARC members & nested jurisdictions for priority facility dye-testing,
- Perform site evaluations of priority IDEP Investigation facilities to prioritize work efforts,
- Develop consensus goals and methods to assess effectiveness of Collaborative IDEP,
- Develop procedures for handling Part 91 issues,
- Develop Post Construction templates for implementing county standards ,
- Inspect and prioritize municipal maintenance facilities for their potential to discharge pollutants,
- Develop/Update pollution prevention SOPs for High Priority facilities (some may already be completed by SEMCOG),
- Develop a Good Housekeeping/Pollution Prevention (GH/P2) SOP Manual for Municipal O & M activities (ex: street sweeping, catch basin cleaning, vegetative property maintenance, debris disposal, etc.),
- Develop a training program/process for educating municipal employees and contractors on IDEP & GH/P2 SOPs,
- Develop consensus measurable goals and methods to assess effectiveness of ARC GH/P2 efforts;
- Identify BMPs to address TMDLs including assessing and prioritizing potential GI retrofits to ARC member facilities and properties, and
- Develop a TMDL Monitoring Plan for assessing the effectiveness of BMPs.

Deliverables: Final submitted grant applications

6. **PUBLIC INVOLVEMENT AND EDUCATION COMMITTEE** (*Total ED Services, \$55,750, 2013 ARC Budget*)

(PIE1) Green Infrastructure Campaign (ED Services, \$39,000, 2013 ARC Budget)

This task continues the work begun in 2009 to educate the public about the benefits of green infrastructure. Since 2005, the ARC PIE Committee has conducted such activities as septic system maintenance workshops, green infrastructure workshops and bus tours across the watershed and sales of rain barrels to interested citizens. Additionally, a successful green infrastructure grant program was conducted by the PIE Committee in 2009-12 that has provided funding for 31 small green infrastructure projects across the Rouge River Watershed.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This task will include the following activities and budgets:

1. *Grow Zone Maintenance Follow-up:* The PIE Committee will continue to publicize the benefits of utilizing green infrastructure to address the effects of storm water pollution. This task reflects the ARC's continuing efforts to promote green infrastructure. There will not be a grow zone installation program in 2013. Rather, ARC staff will monitor the golf course grow zones installed in 2012, as well as the other grow zones installed by the ARC since 2009. ARC staff and Wayne County will continue to make site visits to the ARC grow zones and provide trouble-shooting assistance. This task will also support quarterly meetings of the Grow Zone Maintenance Subcommittee, which includes ARC staff, Wayne County, Friends of the Rouge (FOTR) and PIE Committee members.

ED Staff total Subtask Budget: \$20,000

Deliverables: Grow Zone Monitoring Report and fact sheets (ED Staff and Wayne County).

2. *Workshop Support:* The PIE Committee proposes to support the presentation by FOTR of the following workshops in 2013:

-- Native Landscaping Workshop for Homeowners: The ARC, Wayne County and Friends of the Rouge will present four (4) workshops around the Rouge River Watershed that focuses on actual residential sites owned by participants and how to design and plant a residential native garden/grow zone. This is a follow-up to a similar successful workshop held in Southfield in 2012 for watershed residents.

-- Maintenance Update Workshop for Stakeholders: The ARC, Wayne County and Friends of the Rouge will conduct a workshop for stakeholders who installed ARC and FOTR grow zones from 2009-12 to discuss any issues, provide information and assistance, and discuss lessons learned.

ED Staff Total Subtask Budget: \$6,000

Deliverables: Attendance at workshop planning meetings and support at workshops; Workshop powerpoint presentation

3. *Rain Barrel Education/Sales:* Rain Barrel Education and Sales has been one of the most effective avenues to educate people about storm water practices and the ARC. Since 2010, the ARC has sold nearly 4,000 rain barrels to watershed homeowners through events in Redford Township, Troy, Farmington Hills, Southfield, Westland, Lathrup Village, Livonia and Novi. In 2012, the ARC sponsored five rain barrel sales. It is intended that the ARC will hold up to three (3) rain barrel sales in 2013. This task will support planning activities with the vendor (Great Lakes Rain Barrel), staffing and stakeholder follow-up for those events.

ED Staff Total Subtask Budget: \$7,000

Deliverables: Rain barrel sale flyers, total number of rain barrels sold and residency(ED Staff)

4. *PIE Initiatives:* This is unallocated budget that will be available, with the approval of the ARC Finance Committee, to support public education activities that may arise during the 2013 budget year and deemed necessary by the PIE Committee.

ED Staff Total Subtask Budget: \$6,000

(PIE2) Public Education Materials (ED Services, \$5,000, 2013 ARC Budget)

This task will blend the creation of public education materials with continuing to distribute items that have been successful in the past. Since 2010, the PIE Committee staff has distributed native seedlings at community events, rather than printing materials that may or may not be distributed by communities. In 2012, ARC staff distributed seedlings at the rain barrel sales events and community events. Additionally, ARC staff designed and distributed bookmarks that publicize the ARC and includes helpful stewardship tips. ARC staff also revived magnetic clips as a giveaway at various events.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This task will pay for ARC staff to plan and prep for the events and provide related graphics support for the seedling packaging and for ARC staff to coordinate distribution of materials at various events.

Deliverable: A 2013 distribution list of public education materials and seedlings.

(PIE3) Website Maintenance (ED Services, \$7,250, 2013 ARC Budget)

Monthly maintenance and regular updates are required for the ARC website (www.allianceofrougecommunities.com). This task will provide budget to pay the monthly website fee and staff time to provide regular updates to the site.

DESCRIPTION OF ANTICIPATED ACTIVITIES: ED staff will perform regular updates to the ARC website, including adding graphics, editing and review.

Deliverable: Website updates

(PIE4) Septic System Maintenance Workshops (ED Services, \$4,500, 2013 ARC Budget)

In previous years, the PIE Committee has held several very successful OSDS maintenance workshops in Livonia, Van Buren Township, Bloomfield Township, Southfield, Northville Township and Farmington Hills. Based on the focus of the ARC Technical Committee on failing septic systems and the work being conducted by under the CMI Water Quality grant to the ARC and the Collaborative IDEP, it has been determined that failing septic systems represent an ongoing issue in the Rouge River Watershed. The ARC PIE Committee will conduct two septic system maintenance workshops in Southfield/Franklin and Farmington Hills to promote the water quality monitoring findings in these areas and educate the residents about proper septic system maintenance in 2013.

DESCRIPTION OF ANTICIPATED ACTIVITIES: ED Staff will present two (2) septic system maintenance workshops. ARC staff members will plan the events, facilitate the events and develop presentations for the events.

Deliverable: Workshop agendas, sign-in sheet and powerpoint presentation

7. TECHNICAL COMMITTEE (Total ED Services, \$44,900, 2013 ARC Budget)

((TC1) – Rouge River Watershed Monitoring Activities: (ED Services, \$23,500, 2013 ARC Budget)

Measuring the condition of the Rouge River ecosystem is an ongoing activity that helps determine if the ARC's storm water management efforts are effective and if they are appropriately directed. The monitoring program is detailed in the draft Watershed Management Plan (WMP) as a way of measuring progress toward watershed restoration. The MDEQ provided no comments on the 5-Year Monitoring Plan in their review of the WMP indicating that it is sufficient for meeting the Phase II permit and Section 319 funding requirements. The total monitoring cost for 2013 is \$153,000.00. This cost is divided by agency and funding source as shown below.

During 2007, the Technical Committee drafted a new set of goals for the new 5-year monitoring plan that were based on the assumption that grant funding would not be available to continue the extensive monitoring program previously undertaken in the watershed. In 2008, the Technical Committee drafted a 5-Year Monitoring Plan for the watershed, which reduced the amount and type of monitoring occurring throughout the watershed. The 5-Year Plan summarizes the manner in which restoration progress will be measured in the watershed and is included in the draft Watershed Management Plan. Some of these activities are funded by the ARC, while others are funded by other agencies.

The 2012 activities specified in the original 5-Year Plan include biological, physical and hydrologic monitoring. However due to the planned removal of Wayne Road dam on the Lower Rouge, the stream flow and water quality monitoring planned for US9 and LD05 were postponed until 2013. In addition, the USGS (funded by a GLRI grant) has conducted water quality monitoring at US7 in 2010 and 2011. Therefore, monitoring at US7 in 2013 was not necessary. The USGS stopped monitoring stream flow at US6 (Evans Ditch) in 2009 due to funding limitations. Lastly, the partial funding usually supplied by the ARC was eliminated for the 2013 geomorphology assessment due to funding limitations. The revised 5-Year Plan is provided in Table 1. The water quality and stream flow station locations are provided in Figures 1 and 2 for reference.

Activities planned for 2013 are itemized below.

- Macroinvertebrate monitoring across the watershed.
- Flow and dissolved oxygen monitoring in the Lower Branch.
- Development of a summary report for 2012 data.
- Development of a new 5-year monitoring plan.

The rationale for the 5-Year Plan is provided in the remainder of this Section.

Precipitation

Twenty-one rain gages are operated continuously by the local communities and counties in the watershed. The gages are located throughout the watershed, but there is sparse coverage in Wayne County. The operation and maintenance of these gages is done at no direct cost to the ARC. Precipitation data helps direct community specific efforts including: retention basin operation, combined sewer overflow reporting, illicit discharge elimination investigations, water quality monitoring, etc. Therefore, precipitation monitoring should continue at its current level of effort.

Stream Discharge/Flow

Stream discharge data coupled with water quality data (measured or historical) is used in pollutant modeling and pollutant loading calculations to determine areas where storm water pollution remediation efforts need to be undertaken. Discharge also impacts stream habitat for aquatic organisms. Therefore, discharge monitoring should continue in each subwatershed until the established targets are met and until stable aquatic life communities are established and maintained.

Seven stream gages (US1 - US7) are operated continuously in the watershed. These gages are currently operated and maintained by the United States Geological Survey (USGS) each year. The operation and maintenance of these USGS gages is done at no direct cost to the ARC. Five additional stream gages should be funded by the ARC for one year each. The purpose of two of the additional gages (US9 and US10) is to provide discharge data in two unmonitored subwatersheds (Lower 1 and Middle 1). The purpose of the other three gages (U05, D06 and L05D) is to provide discharge data during periods of continuous water quality monitoring as described below.

Continuous Water Quality Monitoring

Dissolved oxygen (DO) and temperature data are used as indicators of the overall health

of the river at various locations. Since this data is collected continuously, it is very useful in determining spatial and temporal water quality trends. In general, DO and temperature water quality standards are met on a routine basis throughout the watershed. In addition, DO and temperature levels have remained fairly stable or improving at most locations. Therefore, continuous DO and temperature monitoring should be limited to the downstream terminus of each subwatershed for a total of four (4) locations (US7, U05, D06 and L05D).

Macroinvertebrate Monitoring

Macroinvertebrate density and diversity data are used as indicators for stream habitat and water quality. Data collection efforts have historically occurred three times a year (spring and fall for macroinvertebrates and winter for stoneflies) by volunteers and Wayne County staff, who are organized by Friends of the Rouge (FOTR). This sampling occurs at more than 20 sites by FOTR volunteers and 15 sites that are not safe for volunteer monitoring by Wayne County staff. Although much of the data is collected by volunteers, data is collected under a quality assurance plan approved by the MDEQ. This data collection not only provides historical water and habitat quality conditions based on the presence of certain aquatic organisms, but also provides opportunities for public involvement. Therefore, it is suggested that macroinvertebrate sampling continue in the watershed to provide stakeholders an overall assessment of conditions at multiple locations within each subwatershed (more than can be assessed by the continuous water quality monitoring) and to promote stewardship within the watershed.

MDEQ Fishery, Habitat, Macroinvertebrate and Water Quality Monitoring

The MDEQ did not conduct a fisheries assessment in the watershed in 2010, due to budget constraints. The MDEQ did not conduct a fish community assessment in 2010, as they did in 2000 and 2005. A more detailed assessment is desired by the Technical Committee, but it is prohibited by budget constraints. The Executive Director will pursue grant funding opportunities for this type of work.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The anticipated activities for 2013 include the following:

2013 Budget Items:

1. Macroinvertebrate monitoring at 35 locations in the spring and fall of 2013, plus stonefly monitoring in the winter beginning in January of 2013.
2. Flow monitoring on the Lower Branch at two sites (US9 and L05D).
3. Dissolved oxygen monitoring on the Lower Branch at L05D.

4. Summarizing the 2012 water quality monitoring effort in a brief report for the Technical Committee and communities.
5. Development of a new 5-year monitoring plan for 2014-2018.

Task A. Macroinvertebrate Monitoring

Macroinvertebrate Monitoring will be completed by the Friends of the Rouge (FOTR) and Wayne County and will include the following components:

- Recruit volunteers;
- Facilitate team leader training twice a year (spring and fall);
- Hold spring and fall bug hunts and winter stonefly search at 20-24 locations;
- Hold bug identification workshop for leaders;
- Input, analyze and report on data findings and volunteer participation;
- Submit data to MiCorps website;
- Maintain quality control through re-evaluation and specimen collections;
- Continually evaluate current sampling sites and add new sites, as needed;
- Provide maps of sampling sites; and
- Provide event reports which describe the results of the data collection effort.

The Executive Director will oversee and administer FOTR's contract. ED Staff Total Subtask Budget: \$3,000.

Task B. Flow/DO Monitoring

Flow monitoring will be completed by the USGS and includes continuous flow and dissolved monitoring at site L05D near the outlet of the Lower 2 as well as continuous stream flow monitoring at site US9 near the outlet of the Lower 1. USGS will provide 15 minute data that has been QA/QC'd. The ED will oversee USGS's work and administer USGS's contract.

Task C. Water Quality Summary

A water quality summary will be completed by the Executive Director Staff. This task covers the elements listed under Planning & Reporting as shown in Table 1. This summary is needed on an annual basis for the federal grant per Wayne County. This task includes the following components:

- Acquiring the rainfall, flow and continuous temperature and dissolved oxygen data from USGS. This includes all data from all USGS-monitored sites located within the Rouge River watershed as described in No Cost Item 1 and in 2013 Budget Items 2, 4 and 5,
- Reviewing the data for anomalies,
- Loading the data into the ARC web-based water quality database and maintaining the database,
- Analyzing the data for temporal trends,
- Assigning the data to wet and dry weather conditions,
- Graphing of the data, and
- A brief report describing the results of the 2012 flow and DO data collection effort and an assessment of historic data trends.

ED Staff Total Subtask Budget: \$20,500

(TC2) Storm Water Reporting (ED Services, \$10,000, 2013 ARC Budget)

The Michigan Department of Environmental Quality (MDEQ) will soon be issuing Individual Permits (verses General Permits) on a rotating watershed basis. For the Rouge River watershed communities, storm water permit applications will need to be submitted by April 1, 2015 with a permit issuance date of September 30, 2017. The draft permit application that is currently being considered by MDEQ will be more onerous for ARC members. Anticipating this, a web-based Rouge River Storm Water Reporting System (Reporting System) was developed for use by all ARC members. The Reporting System offers ARC members a stream-lined, easy web-based mechanism for Phase II permit reporting to the MDEQ.

The Reporting System is primarily based on the watershed-wide Storm Water Pollution Prevention Initiative (SWPPI) which was developed in 2009. The watershed-wide SWPPI was developed based on select member's SWPPIs and guided by the Executive Director's (ED) interpretation of the minimum reporting requirements required for the 2003 permit. In 2013, the Reporting System will allow for individual member storm water reports.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The main purpose of this initiative is to assist ARC members in the permit required storm water reporting by focusing on efforts that can be completed on a watershed-wide basis, thereby reducing workload and costs to individual ARC members. This will be accomplished by operating and maintaining the Reporting System previously developed. The budget for this task is \$12,400 (ARC budget pays \$2,400 for maintenance)

This effort will include the following:

- a. Oversight and assistance to ARC members on system use, as requested;
- b. Maintenance of the reporting system including code refining, modifications to web interface and minor content modifications as found to be necessary;
- c. Administration of the reporting system including setting up user names, passwords, and troubleshooting any problems; and
- d. Troubleshooting and repairing programming issues as they arise.

Individual ARC members will be responsible for 1) input their community's information into the Reporting System, 2) printing their community's report from the Reporting System to create an individual report, 3) adding a cover letter and submitting their report to MDEQ, and 4) saving copies of individual reports for their records and audit purposes.

The purpose of this initiative is to assist ARC members in the permit-required storm water reporting by focusing on efforts that can be completed on a watershed-wide basis, thereby reducing workload and costs to individual ARC members.

The 2011 effort will include the following:

- Assistance to ARC members on system use including an orientation document;

- Maintenance of the reporting system including code refining, modifications to web interface and minor content modifications as found to be necessary, and
- Administration of the reporting system including creating user names, passwords and troubleshooting any problems.
-

Deliverable: Summary of Report system activity

(TC3) IDEP (ED Services, \$5,500, 2013 ARC Budget)

There is evidence of contamination from sewage throughout the Rouge River during both wet and dry weather conditions based on the State of Michigan's 2007 Total Maximum Daily Load (TMDL) report for *E. coli*. As such, the MDEQ-approved Rouge River Watershed Management Plan (RRWMP) identifies *E. coli* as a priority pollutant, along with sediment, nutrients and hydrology as requiring reduction. In 2008, Executive Director (ED) staff identified several areas as highest priority for further illicit discharge investigations. These areas were selected based on the presence of elevated *E. coli* concentrations and human *E. coli* biomarkers in dry weather conditions (See Table 1).

Between 2010 and 2012, some progress was made in further defining the sources in these problem areas, but more effort is required.

Table 1. High Priority Areas needing further IDEP Investigations

Location	Community
U01-Upper Branch u/s of Powers Rd.	Farmington Hills (mostly), Farmington, West Bloomfield Twp*, Walled Lake
U15-Bell Branch u/s of 6 Mile Rd.	Livonia, Farmington Hills
D62-Tonquish Creek u/s of Joy Rd.	Plymouth, Plymouth Twp
G97-Lower Branch u/s of Henry Ruff Rd.	Wayne, Westland, Romulus and all of the Lower 1 communities
G39-Franklin Branch u/s of Middlebelt Rd.	West Bloomfield*
G61-Pebble Creek u/s of Franklin Rd.	Southfield, Franklin

*Not an ARC member, so no ARC funding will be expended in this community.

Regarding IDEP training, recently Wayne County completed a regional training plan as requested by the Southeast Michigan IDEP Work Group. This plan requires the counties (Macomb, Oakland, Washtenaw and St. Clair) to provide in-kind services to cover the effort associated with arranging the training, registration, meeting room and refreshment fees. The plan also lays out a rotating schedule for the IDEP and SEMCOG Municipal Facility training as shown in Tables 2 and 3. This will provide a savings to the ARC. We expect each County to sign off on the plan by the end of 2012.

Table 2: Traditional IDEP Training Responsibilities - DRAFT

Year	Staff cost	Facility	Registration	Print Certificates	Mail Certificates	Refreshments
1	ADW, ARC	Wayne Co.	Wayne Co.	Wayne Co.	Wayne Co.	Wayne Co.
3	ADW, ARC	Oakland Co.	Oakland Co.	Wayne Co.	Wayne Co.	Oakland Co.
5	ADW, ARC	Macomb Co.	Macomb Co.	Wayne Co.	Wayne Co.	Macomb Co.

Table 3: SEMCOG Municipal Facility and Illicit Discharge Training Responsibilities - DRAFT

Year	Staff Cost	Facility	Registration	Refreshment
2	Host County, SEMCOG	St. Clair Co.	St. Clair Co.	St. Clair Co.
4	Host County, SEMCOG	Washtenaw Co.	Washtenaw Co.	Washtenaw Co.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The tasks addressed under this initiative are A) IDEP field investigations, B) IDEP training, and C) Collaborative IDEP plan. Each task is described below.

Task A. IDEP Field Investigations

Conduct concentrated field investigations in priority areas to further isolate problem areas, identify illicit connections, and take corrective action to remove them. This work would be overseen and coordinated by ED staff to ensure field efforts in each county are occurring in a manner that is most beneficial to the ARC. The field work will be undertaken by Wayne and Oakland County's IDEP staff with cooperation of the local communities. The field work will involve a combination of sampling, dye testing, smoke testing and CCTV inspections, as necessary.

Prior to Oakland and Wayne counties expending budget for this task, they will each present a scope of work and budget for review by the Technical Committee and approval by the ED. Two inter-agency agreements (one for each county) will be drafted by the ED staff for approval by each county and the ED. Agreements and funding needed between participating entities will be identified in the scope of work.

ED staff will occasionally solicit progress reports from both counties for reporting to the Technical Committee. The ED will also provide an update at a full ARC meeting, as deemed appropriate. Responsibility: ED (oversight), Wayne & Oakland counties (implementation)

ED Staff Total Subtask Budget: \$1,500

Task B: IDEP Training

Wayne County and ED staff will hold an IDEP training workshop that is open to all Southeast Michigan communities. The workshop will fulfill the IDEP training requirements for the Phase II permit. The task will include workshop setup, preparation

and meeting room coordination carried out by WC in 2013. Instruction will be provided by WC and ED staff.

ED Staff Total Subtask Budget: \$1,000

Task C. Collaborative IDEP Plan

In preparation for the new permit, the ED and WC will complete the Collaborative IDEP plan for use by the membership. The plan will guide IDEP activities and delineate responsibilities for the communities, counties and ARC. This will be drafted as a standalone document, but can be rolled into a watershed-wide Stormwater Management Plan (which will replace the SWPPI in the next permit).

Deliverables: OC IDEP Investigation Summary (OC); WC IDEP Investigation Summary (WC); Training list of attendees (WC); Collaborative Plan (ED)

ED Staff Total Subtask Budget: \$3,000

Wayne County Fair Share Goals: The CONTRACTOR shall meet the Fair Share Goals established by Wayne County, and approved by the EPA. The goal is 3% Minority Business Enterprise (MBE) and 5% Woman Business Enterprise (WBE). Note that the federal regulation regarding Disadvantaged Business Enterprises (DBEs) has been changed and some firms that were considered as DBEs under the old regulation may not qualify as DBEs under the new regulation. All DBE contractors must be certified by Wayne County or an appropriate agency as specified by the Michigan Unified Certification Program (MUCP) (see http://www.michigan.gov/mdot/0,1607,7-151-9625_21539_23108---,00.html).



2014 ARC Budget Preparation Schedule

6/18/13	Finance Committee to approve 2014 Budget Preparation Schedule
6/18/13	Treasurer to distribute 2014 Budget Preparation Schedule
6/27/13	Executive Committee review 2014 Budget Preparation Schedule
7/12/13	Treasurer to send out letter to ECT requesting cost proposal for Executive Director Services to the Finance Committee by 9/16/13
7/12/13	Treasurer to send out letter to ARC Committees requesting budget submittals to the Finance Committee by 9/16/13
9/16/13	Finance Committee to receive cost proposal from ECT and distribute to Organization Committee
Week of 9/16/13	Organization Committee to meet to review ECT cost proposal
Week of 9/16/13	Finance Committee to receive budget proposals from ARC Committees
Week of 9/30/13	Finance Committee meeting to review draft budget information and finalize budget proposals and formulate recommendations to the Executive Committee
Week of 10/21/13	Executive Committee meeting to review the proposed budget
Week of 11/4/13	Full Alliance Meeting to adopt the 2014 ARC budget
11/8/13	ARC Staff to submit scope for ARC IAA activities occurring from Jan. 1-May 30, 2014 to Wayne County



Ongoing ARC Grant Projects Status

Great Lakes Restoration Initiative (GLRI)

GLRI 1 (Transforming the Rouge)

All activities for this grant project are complete, with the exception of Lola Valley, which the seeding contractor will continue to monitor over the summer months. ARC staff is writing the final report for this project, which will be transmitted to GLNPO by mid-July.

GLRI 2 (Danvers Pond Dam Removal, Farmington Hills)

This project is complete and the final report was approved by EPA-GLNPO.

NOAA Fisheries Grant - Wayne Road Dam Removal:

This project is substantially complete. NOAA approved a change in scope and a time extension to August 31, 2013 to allow the ARC to use the remaining budget for additional monitoring activities and for planning activities for the Wayne Road Dam event sponsored by the ARC on June 7, 2013 in the City of Wayne.

CMI Water Quality Monitoring Grant:

We have completed 7 rounds of dry weather sampling on Pebble Creek which crosses West Bloomfield, Farmington Hills and Southfield. These results indicate that the highest E. coli levels in the 1) Creek at Orchard Lake Rd and 2) tributary north of 12 Mile Road (west of Inkster Rd.). Field staff is walking the Creek upstream of these two locations to identify potential failing septic systems and illicit connections. The end date for this grant is September 30, 2013.

U.S. Forestry/GLRI 2011:

The nursery delivered 704 trees during the Spring, 2013 planting season to the participating ARC communities, who are continuing to plant them. Verification by ARC staff will be conducted in July. ARC staff will take a U.S. Forest Service rep on tour of the Fall, 2012 planting areas on July 3, 2013.

Public Advisory Council/Great Lakes Commission:

ARC staff facilitated the full RRAC meeting on April 16, 2013 at Lawrence Tech University. Staff also took comments from RRAC members on the statewide beach closing BUI report. ARC staff and the RRAC continue to update the Rouge River Report Card.

Erb Foundation Capacity Building for the Alliance of Rouge Communities:

We submitted a draft application to EPA in April. We are requesting approximately \$830,000 from EPA and supplying \$450,000 in non-federal funds which are being provided by DTE, Ford, Marathon, MDEQ and Erb Foundation. EPA is currently costing out the effort to determine how much of the scope of work they can fund. The goal of this project is to determine remediation options for mitigating the ecosystem impacts caused by the contaminated sediments. This will be accomplished by conducting Utility, Bathymetric, Shoreline / In River Structure, Sediment Transport, Streambank and Habitat Assessments, Sediment Sampling /Analyses, Completion of a Feasibility Study, and Public Outreach. All or portions of the Utility, Shoreline / In River Structure, Streambank and Habitat Assessments tasks will be eliminated if sufficient funding is not available.

2013 Awarded Grants

NOAA Habitat Restoration Grant: The ARC was notified this month that it was awarded a \$252,000 design grant to design Phase III of the Oxbow at The Henry Ford (Greenfield Village) in Dearborn, which would connect the Oxbow to the channelized portion of the Rouge River.

2013 Area of Concern/Public Advisory Committee Grant: The ARC was notified in May that it was awarded \$28,878 to complete two tasks and the grant final report: Facilitation of the Rouge Advisory Committee and Development of Project Profile Sheets on the Rouge AOC Priority Projects to remove Beneficial Use Impairments.

Outstanding Grant Applications

NOAA Great Lakes Habitat Restoration Regional Partnership Grant: The ARC, RRAC and the Detroit River AOC and several partners, applied for this grant which funds Area of Concern activities for fish and wildlife habitat related projects over a three-year period. If successful, the ARC could be responsible for overseeing up to \$3 Million in projects in the Rouge and Detroit AOCs over a three- year period.

U.S. Forest Service/GLRI Mitigate Emerald Ash Borer Impacts Grant: The ARC has applied for \$250,000 to replace 1,835 trees in 12 ARC member communities and Wayne County. This is similar to the grant received by the ARC in 2011.



James W. Ridgway, P.E.
Executive Director

Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Henry Ford Community
College
Lathrup Village
Livonia
Melvindale
Northville
Northville Twp.
Novi
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

July 1, 2013

Governor Rick Snyder
George W. Romney Building
111 S. Capital Avenue
Lansing, MI 48933

Re: Concern with ARC Communities' ability to comply with newly imposed Storm Water Requirements

Dear Governor Snyder:

The Alliance of Rouge Communities (ARC) is writing you to: 1) support the concerns expressed by the Alliance of Downriver Watersheds (ADW) in its March 21, 2013, letter to you (attached), 2) articulate our concern regarding our inability to comply with (and/or pay for) the newly imposed requirements of the 2012/2013 Municipal Separate Stormwater Sewer System (MS4) NPDES permit, and 3) seek the leadership of your office to find methods to generate long-term funding for storm water management given the constraints imposed on our communities by state law and recent litigation.

The ARC has proudly partnered with the Michigan Department of Environmental Quality (MDEQ) through the multiple iterations of this permit and appreciates its willingness to work with our communities. Through these iterations, the ARC communities have expended over \$1 billion to comply with their CSO, SSO, and stormwater requirements. And while each subsequent iteration has become more prescriptive and more costly, we argue that the most recent requirements are administratively burdensome and less effective at eliminating pollution in a cost-effective manner. We are at a point in the development of the Federal MS4 NPDES permit that the communities in the Rouge River Watershed are concerned that the watershed flexibility and success may be threatened by the more prescriptive approach that we believe fails to achieve the environmental success or the cost savings that have been demonstrated by the ARC communities.

The ARC therefore requests your office to revisit the newly proposed MS4 permit process, revert to the 2003 permit, and refrain from issuing new permits until the new federal storm water rules are issued, which are expected this year.

The ARC has 40 active members including 34 municipalities, three counties, two educational institutions and an airport authority working together over the past 20 years restoring the Rouge River – Michigan's most populated watershed. We are proud of our successes and remain committed to moving forward but the costs of compliance given the

Cooperating Partners:

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

requirements of the recent permit are simply unsustainable. The proposed permit fees alone exceed \$138,000.00 per year for ARC members (not including every school district within the watershed that must submit \$500.00 each year). These fees will be extracted from community general funds at the expense of other activities. Today, with the dramatic loss of revenue sharing, declining property values with a corresponding loss of tax revenue, and extreme competitiveness for funds for municipal service, storm water management often draws the short straw; funds are simply not available.

Our largest single concern remains our inability to pay for storm water activities. The Headlee Amendment, the Bolt decision, and fear of litigation have severely hampered a community's ability to raise funds for storm water activities. Unlike water and sewer, our citizens are not conditioned to pay for drainage - they think it is free. This coupled with continuing litigation related to the imposition of a so-called "rain tax" has caused municipalities to avoid seeking the formation of a utility or a Chapter 20 Drain under the Drain Code.

We think the ADW letter clearly articulates the constraints the Headlee Amendment puts on the State limiting unfunded mandates. However, we must remind you that this same amendment also limits our communities' ability to raise taxes without a vote of the people. Recent elections regarding public safety funding proves that this is very difficult, particularly for activities like drainage that citizens assume are free. Thus Michigan lags behind other states in adopting storm water utilities. Florida, Minnesota, Washington and Wisconsin each have over 100 storm water utilities – Michigan has eight. Until there is legal clarity on this matter, communities are simply unwilling to initiate the near certain litigation that would result in establishing a storm water utility.

Thus we are in a quandary. We are committed to eliminating storm water pollution, but we cannot afford to pay for unnecessarily prescriptive permit requirements imposed by the current permit. We are seeking ways to work cooperatively to lower our overall costs, and we need a vehicle to fund the requirements placed on us by both the USEPA and the MDEQ.

Specifically, we look to your office to provide leadership and,

- 1) Allow watershed communities (and regulators) to avoid duplication of efforts and seek single watershed-wide permits at a permit fee far less than the cost of the individual permits (as was done in Wisconsin),
- 2) Provide legislative and/or legal clarity that will allow communities and/or watersheds to establish storm water utilities without fear of prolonged litigation, and
- 3) Refrain from issuing new, more restrictive storm water permits until the USEPA issues its new storm water rules and include the flexibility anticipated by these new rules that would allow watersheds to set their own priorities.

We would welcome the opportunity to meet with your office as well as the MDEQ leadership to establish a meaningful and affordable way forward to assure continued water quality improvement in a cost-effective manner.

We thank you in advance for your consideration of this matter.

ALLIANCE OF ROUGE COMMUNITIES


James W. Ridgway, P.E.
Executive Director



March 21, 2013

Governor Rick Snyder
George W. Romney Building
111 S. Capitol Avenue
Lansing, MI 48933

Allen Park
Belleville
Brownstown Township
Dearborn Heights
Ecorse
Flat Rock
Gibraltar
Grosse Ile Township
Huron Township
Inkster
Lincoln Park
Melvindale
Riverview
Rockwood
Romulus
Southgate
South Rockwood
Sumpter Township
Taylor
Van Buren Township
Wayne County
Westland
Woodhaven
Woodhaven-Brownstown
School District
Wyandotte

Re: Headlee Violations by MDEQ

Dear Governor Snyder,

As Chair of the Alliance of Downriver Watersheds ("ADW"), I write to bring this most urgent matter to your attention. The ADW, established in 2007, is an organization of 26 public agencies and communities in the Ecorse Creek, Combined Downriver and Lower Huron Watersheds in Southeast Michigan formed under Part 312 Watershed Alliances, Natural Resources and Environmental Protection Act as amended by Public Act 517 of 2004. The agencies and communities that comprise the ADW believe there are substantial benefits that can be derived by joining together and cooperatively managing the rivers, lakes and streams within the watersheds and in providing mutual assistance in meeting State water discharge permit requirements of the members. More importantly, the ADW members remain committed to continue their progress as demonstrated by the fact that the communities and agencies have joined the ADW and continue to contribute their very limited resources to continued monitoring and cooperative resource management.

Regrettably, however, the Michigan Department of Environmental Quality ("MDEQ") has, beginning with the issuance of its first NPDES MS4 Storm Water Permits in 2003 mandating a new State Storm Water Program on local units of government, imposed millions of dollars of cost and expense upon financially strapped members. The MDEQ has forced over 300 Michigan communities to comply with new and/or increased post-Headlee activity and service without providing any Constitutionally required State funding. In short, this coercive action constitutes a violation of the Headlee Amendment's prohibition on unfunded mandates pursuant to Michigan Constitution 1963, Art. 9, §29, second sentence.

The communities have been in litigation with the MDEQ since 2009 and while the MDEQ continues to enforce its 2003 permit, it voluntarily withdrew its proposed 2008 NPDES MS4 Storm Water Permit when faced with the certainty of it being struck down in the Ingham County Circuit Court as a violation of Headlee. Now, however, the MDEQ has pushed

March 21, 2013

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its way forward with the development of a new 2013 permit. The permit contains the same Headlee infirmities of unfunded mandates as does the 2003 and 2008 permits before it.

Moreover, to block the communities' legal challenge to this new permitting activity, MDEQ obtained a stay of proceedings from the Michigan Court of Appeals in March 2011 where the matter languishes as the Court has joined in this prolonged recalcitrance by taking no further action to process the pending MDEQ appeal. The communities including a statewide Class of hundreds of Michigan municipalities have been stalled in the Court of Appeals for two years.

On March 21, 2011, in a special message from you, Governor, to the Michigan legislature concerning community development and local government reforms, you emphasized that "[l]ocal governments are facing enormous challenges [and] [t]he repercussions of a decade long one-state recession and its effect on property values are still being felt at the local level." *A Special Message from Governor Rick Snyder: Community Development and Local Government Reforms*, p. 4. Among the challenges facing local governments, you made a special point concerning "unfunded mandates," noting that the State had consistently failed to adhere to the requirements of the Headlee Amendment:

The State is prohibited from imposing new mandates on local units without appropriating and disbursing funds to pay for them. This prohibition is made clear under Article IX, sections 25 and 29 of the State's Constitution (sections of the "Headlee Amendment" approved by voters in 1978). However, State government's observance to those standards has been sorely lacking. In today's economy we have now reached the time where the State's non-adherence to those standards has exacerbated the challenges that financially strapped local communities already faced.

The checks and balances contemplated by the Headlee Amendment in the relationship between state and local government must be restored and vigorously adhered to by the State.

Your conclusions were fully supported by the report of the Legislative Commission on Statutory Mandates issued on December 31, 2009 which concluded that its findings "paint a stark picture of non-compliance with Article 9, §29 of the Michigan Constitution of 1963, as amended."

Pointedly, the Commission identified the very program at the heart of this letter—Michigan's Phase II Storm Water Program—as imposing unfunded mandates on local units of government, stating:

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Storm Water Phase II (Environmental) Mandates—The federal government has passed numerous clean water requirements over the past several decades. ***In many instances, the state has not only accepted the federal mandates but made them more restrictive. In doing so, these added burdens are mandates requiring state funding.***

RECOMMENDATION: The substantial costs incurred by local units of government in the compliance of these environmental standards are onerous and costly. The regulations can be barriers to economic development and job creation. The legislature should review each component of the statutes to assess whether they can be revised or eliminated in order to mitigate the costly impact on local units of government and economic development and jobs creation.

As you correctly noted, Governor, the Headlee Amendment prohibits the State from requiring any new or expanded activities by local governments without full State financing and, in complementary fashion, similarly prohibits local governments from levying or increasing any tax without voter approval. As you know, local governments have no method to raise money to fund these activities or services without voter approval; hence, the State must provide full funding. The Headlee Amendment is the voters' effort to link funding, taxes and control.

Yet, the MDEQ has chosen the opposite path. Not content to follow your lead or translate it into meaningful Agency action, the MDEQ has instead accelerated and expanded its unconstitutional mandates. As a matter of fact, in the process of discovery in the pending litigation, the MDEQ was directed to identify the name of one person in the agency who could testify about efforts to comply with Headlee. The Agency could not produce a single name. How is it that not one Agency employee is tasked with paying attention to the Michigan Constitution?

The Headlee Amendment is also the local governments' protection against being whip sawed between the imposition of unfunded State-imposed new or increased levels of activities and services and the inability to raise existing or impose new taxes to pay for them. The effect is to prohibit the State, including its agencies, from enacting ever-increasing state laws and regulations that create financial burdens on local units of government, unaccompanied by any financial support to alleviate those burdens. The Headlee Amendment, in clear and uncomplicated language, simply requires that if the state mandates local units of government to provide activities or services at levels above and beyond what is being paid for by the State, the State must pay the costs of the program imposed on local units of government. In the case of "new" activities and services (i.e., those required by state laws or administrative regulations implemented after 1978) the State must pay for the full costs of those activities or services.

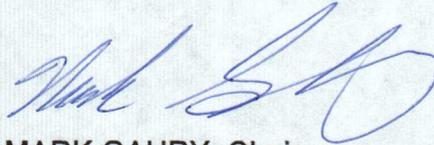
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The voters of Michigan should not have to rely on piece meal litigation to achieve comprehensive compliance with this Amendment to the Constitution. Because of the cost to pursue litigation and the inability of local units of government with stressed budgets willing to fund the cost and time involved in securing a court resolution, ADW member communities, in the main, simply acquiesce in the unfunded mandate despite the negative impact on their budgets.

The ADW and its members respectfully request that you once again take the opportunity presented by this matter to send a clear and unambiguous message to the State, the Legislature, and all State agencies, including the MDEQ, that the days of ignoring this direct mandate from the voters is over; that protracted litigation as a defense tactic will no longer be countenanced; that the ceaseless stream of unfunded mandates heaped upon the backs of local communities and their taxpayers is at an end and that the Legislature with the support of the MDEQ immediately take up the issue in this session of providing funding to allow the communities to comply with the requirements of the new 2013 NPDES MS4 Storm Water Permits.

Sincerely,



MARK GAHRY, Chair
Alliance of Downriver Watersheds

cc: Michael Gadola
Dennis Muchmore
Dick Posthumus
Dan Wyant, Director Department of Environment
William Creal, Chief Water Resources
Selected Senators and Representatives



June 13, 2013

Henry Ford Museum
Greenfield Village
IMAX® Theatre
Ford Rouge Factory Tour
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Mr. Jim Ridgway
Executive Director
Alliance of Rouge Communities
c/o ECT
719 Griswold Street, Suite 820
Detroit, Michigan 48226

Dear Jim:

I am writing on behalf of The Henry Ford (THF) seeking to formalize our organization's relationship with the Alliance of Rouge Communities (ARC) through THF's designation as an "ARC Cooperating Partner."

Our organization was founded in 1929 by automotive pioneer, Henry Ford, for the purpose of inspiring succeeding generations, particularly the young, with the stories and artifacts representing American innovation, ingenuity and resourcefulness. One of the innovation topic areas to which our institution is committed is Energy & Environment, and, as you well know, we have been actively involved in efforts to reclaim the Rouge River that flows adjacent to and onto our property, as an educational, recreational and cultural resource for the community. As one of the founding institutional members of the Rouge River Gateway Partnership, we worked with federal, state and local governmental units to restore the historic oxbow which flowed across our property prior to the channelization of this section of the river by the US Army Corps of Engineers for flood control purposes. Unfortunately, that effort resulted in a significant loss of natural habitat, as natural shorelines and wetlands were replaced with a concrete flume.

We now have completed some of the initial phases of our Oxbow Restoration Project. We have yet to make the second and final cut through the concrete channel allowing a natural flow through the upstream and downstream ends of the oxbow. Our work to date has allowed the creation of our Oxbow Island, which now includes a signed interpretive trail along its banks that can and is being used for a variety of public educational programs, including summer camps for youths, many of whom have had little experience with natural settings, and a living science laboratory for students of Henry Ford Academy.

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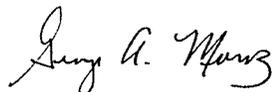
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Initial: JM

Our Oxbow project has demonstrated that major habitat restoration efforts along what had been regarded as one of the nations most polluted waterways can be successfully accomplished through dedicated collaborative effort. We believe that the Alliance of Rouge Communities provides an excellent framework for maintaining and strengthening those collaborative and cooperative activities, and as such, we seek to become an ARC Cooperating Partner as we continue this important environmental work.

Thank you for considering our request. Should you have any questions or require additional information, please contact me at (313) 982-6613 or georgem@thehenryford.org.

Sincerely,



George A. Moroz

Special Assistant to the President

cc: Robert Hanna