



Working together, restoring the river

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

**DRAFT AGENDA
ALLIANCE OF ROUGE COMMUNITIES**

Tuesday, May 5, 2009
1:30 – 3:30 p.m.

Lloyd A. Stage Environmental Interpretive Center
6685 Coolidge Hwy., Troy

Allen Park
Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Inkster
Lathrup Village
Livonia
Melvindale
Northville
Northville Twp.
Novi
Oakland County
Oak Park
Orchard Lake
Plymouth
Plymouth Twp.
Pontiac
Redford Twp.
Rochester Hills
Romulus
Southfield
Superior Twp.
Troy
Van Buren Twp.
Walled Lake
Washtenaw County
Wayne
Wayne County
Wayne County Airport
Authority
West Bloomfield Twp.
Westland
Wixom
Ypsilanti Twp.

1. **Welcome** – Tim Faas, Chair
 - a. Roll Call/Determination of Quorum
 - b. Introductions of ARC guests **Information**
 - c. Approval of December 16, 2008 Meeting Summary **Action**
 - d. Additions or changes to the Draft Meeting Agenda

2. **Treasurers/Finance Committee Report** – Jennifer Lawson - Treasurer
 - a. 2009 Budget Status Report **Information**
 - b. 501(c)(3) application **Information**
 - i. Revised ARC Bylaws **Action**
 - c. Friends of the Rouge Funding Request **Discussion**
 - d. Detroit Public Television MiEARTH Presentation by Tracy Rivard **Information/Discussion**
 - e. 2009 Budget Amendments **Action**
 - i. PIE Budget Amendment 1 and 2
 - ii. TC Budget Amendment 1 and 2

3. **Executive Director Report** – Tim Faas for Jim Ridgway
 - a. MDEQ Watershed Management Plan Comments **Information**
 - b. 2008 Executive Director Annual Report **Information**

4. **Rouge Program Office Report** – Kelly Cave **Information**

5. **Standing Committee Reports** – Tim Faas
 - a. Organization Committee (K. Heise/D. Payne – Co-Chairs) **Action**
 - i. Executive Committee Conflict of Interest Policy
 - b. PIE Committee (B. Siedlaczek, Chair) **Information**
 - i. Progress Report
 - c. Technical Committee (G. Zorza, Vice Chair) **Action**
 - i. Contract Approval Procedure **Action**
 - ii. Land Cover Services Contract awarded to Michigan Tech Research Institute **Information**
 - d. Grants Committee (P. Sanzica, Chair) **Information**
 - i. NOAA grant submittal

6. **SEMCOG Regional Watershed Efforts** Presentation by Chuck Hersey **Information/Discussion**

7. **Opportunity for Public Comment** – Tim Faas

8. **Summary of Actions of Full Alliance** – Chris O’Meara

Information

9. **Upcoming Meeting Schedule**

Information

- Lower 1/Middle 1 SWAG, May 19, 2009 9:30 a.m., Northville Twp. Hall Training Room, 44405 Six Mile Rd.
- Middle 3/Lower 2 and Main 3-4 SWAG, May 19, 2009, 1:30 p.m., Livonia DPW office, 12973 Farmington Rd.
- Main 1-2/Upper SWAG, May 20, 2009, 1:30 p.m., Longacre House, Farmington Hills
- Finance Committee, 1:30 p.m. June 4, 2009, Location to be determined
- PIE Committee Meeting, noon, July 9, 2009, Beverly Hills (Howard Knorr’s house)

10. **Adjourn**

Action



Working together, restoring the river

James W. Ridgway, P.E.
Executive Director

DRAFT MEETING SUMMARY
ALLIANCE OF ROUGE COMMUNITIES
December 16, 2008, 2:00 p.m. – 4:00 p.m.

Recreation and Forestry Quarter, 45175 W. Ten Mile Rd., Novi

Allen Park
Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Inkster
Lathrup Village
Livonia
Melvindale
Northville
Northville Twp.
Novi
Oakland County
Oak Park
Orchard Lake
Plymouth
Plymouth Twp.
Pontiac
Redford Twp.
Rochester Hills
Romulus
Southfield
Superior Twp.
Troy
Van Buren Twp.
Walled Lake
Washtenaw County
Wayne
Wayne County
Wayne County Airport
Authority
West Bloomfield Twp.
Westland
Wixom
Ypsilanti Twp.

1. Welcome – (Tim Faas, Chair)

T. Faas began the meeting by thanking Gary Mekjian and Jennifer Lawson for accepting the nomination to be Vice Chair and Treasurer respectively. J. Lawson also thanked the PIE Committee for her time as chair and assured the continued success of the PIE Committee with the nomination of B. Siedlaczek, City of Southfield, as the new chair appointed by the new officers.

a. Roll Call /Determination of Quorum - Roll call was taken. The 30 members listed below were in attendance, which was sufficient for a quorum.

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

After roll call all guests in attendance introduced themselves.

b. Approval of September 23, 2008 Meeting Summary

A motion was made by J. Zoumbaris, Livonia, to approve the September 23, 2008, meeting summary. It was seconded by J. Mueller, Lathrup Village, and passed unanimously.

5. Standing Committee Reports

a. Organization Committee (K. Heise/D. Payne, Co-chairs)

There was discussion about extending a membership offer to the City of Detroit. The motion was made by K. Heise to invite the City of Detroit to become a member of the ARC, seconded by Kevin Buford, Westland. Motion passed. T. Faas will prepare a letter inviting the city. J. Ridgway stated that he, T. Faas and K. Heise were going to be making a presentation in January to various Lake St. Clair partners regarding the formation of a Lake St. Clair watershed alliance using PA517.

b. PIE Committee (Brandy Siedlaczek, Chair)

B. Siedlaczek reported that the Main 3/4 poster was distributed in October at the Rouge 2008 event. The Grow Zone/Green Infrastructure Request for Proposals was sent out. She stated that the Rouge video was handed out to communities today with a special thank you to the City of Farmington Hills for putting the video together. B. Siedlaczek stated that in 2009 some tasks the PIE will be focusing on are green infrastructure with workshops, and a bus tour and updating the detention pond manual.

c. Technical Committee (Gary Zorza, Vice Chair)

G. Zorza informed the ARC that the Technical Committee continues to work on the review of the Watershed Management Plan. The Technical Committee will be preparing an RFP for impervious/pervious surface for green infrastructure to be used with the City Green software. J. Wineka reminded those that received Rouge IX funding to respond to Wayne County with any conditions or modifications to scopes and/or their IAA.

d. Grants Committee (Phil Sanzica, Chair)

Nothing to report at this time.

6. Ideas for 2009/2010 (T. Faas)

T. Faas gave a brief presentation on some ideas for the future of the ARC. He talked about the importance of promoting the value of ARC membership. We need to educate newly elected officials about the ARC. He discussed the importance of expanding our stakeholders through partnerships with public education groups such as FOTR and SOCCRA and continued dialogue with SEMCOG. T. Faas also discussed the potential of seeking grants or funding from such companies as DTE and ITC. T. Faas talked about enhancing our public education beyond what we have done in the past and becoming sponsorship-ready when the federal funding runs out. He talked about the importance of better defining our role and streamlining the current ARC committee structure to minimize duplication. ARC communities may have to step up to optimize the use of ECT's time to support the ARC. He asked that all members forward any suggestions or ideas to him over the next few weeks at tim.faas@canton-mi.org.

7. Other Business

J. Wineka stated that the Storm Water Utility Legislation would be reintroduced in January. The question was asked if there will be a watershed-wide utility tax. J. Ridgway stated that it makes sense but it would also share the burden. A uniform application would be a good goal. K. Heise stated that a single watershed permit is very important.

J. Rickard suggested that the ARC think about hiring a consultant to figure out what types of projects we should go after in the future. For example if there are SRF funds available we need to be able to change and focus on the different criteria.

S. Keenan brought up a concern regarding the single watershed permit for communities that are in more than one subwatershed as it pertains to various reports. J. Ridgway stated that you can choose a primary watershed if you are in more than one watershed, but this may not be the case when it comes to TMDL. You will be held to more stringent requirements. There are various regulatory and education pieces, but given our history we should be able to figure it out.

8. Public Comment

Bill Craig reported that the Rouge RAP Advisory Council elections were held in December with Dan Ballnik elected as Chair and Noel Mullet elected as Vice Chair. He also informed the ARC that a report regarding the delisting targets will be available on the ARC website in the future.

FOTR announced that the winter stonefly search will be held January 24 and the Frog and Toad Survey seminars begin February 14.

SEMCOG reported the following upcoming meetings and activities, please contact A. Mangus if you are interested in participating:

- Storm water utility - construction site runoff controls on large projects
- Upcoming meeting to talk about phosphorus and E. coli
- New Bond to replace CMI
- SEMCOG University – low impact development in March and detention basin retrofit in July, LID manual on how to calculate for it
- Check out SEMCOGs YouTube and Facebook pages for the 7 Simple Steps.

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

- The September 23, 2008 meeting summary was approved.
- ARC Chair to extend membership offer to the City of Detroit.
- Watershed Management Plan submitted to MDEQ on January 1, 2009.
- Forward comments on the Watershed Management Plan by December 27 to C. O’Meara at comeara@ectinc.com.
- Forward 2009/2010 ideas to T. Faas at tim.faas@canton-mi.org.

8. Upcoming Meeting Schedule (C. O’Meara)

A draft 2009 ARC meeting calendar was distributed for review.

9. Adjourn (T. Faas)

The motion was made by K. Buford to adjourn the meeting. The motion was seconded by Ramzi El-Gharib, Wayne, and passed unanimously.

**Alliance of Rouge Communities
2009 Approved Budget
through April 28, 2009**

Cash Basis

	Jan - Apr 09	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
47200 - Program Income				
47230 - 2008 Roll over ARC Member Dues	103,250.00	103,250.00	0.00	100.0%
47240 - Program Service Fees	0.00	5,000.00	-5,000.00	0.0%
47250 - 2009 ARC Membership Dues	87,015.00	296,694.00	-209,679.00	29.3%
Total 47200 - Program Income	190,265.00	404,944.00	-214,679.00	47.0%
48000 - Grants				
48200 - 2009 Other Grants	0.00	58,500.00	-58,500.00	0.0%
48300 - 2009 RRWWDP Grant	0.00	292,846.00	-292,846.00	0.0%
Total 48000 - Grants	0.00	351,346.00	-351,346.00	0.0%
Total Income	190,265.00	756,290.00	-566,025.00	25.2%
Expense				
60400 - 2009 Awards and Grants				
60410 - Organizational Committee				
60411 - OC1-Executive Director Services				
60404 - 09-0010 Expenses	0.00	1,000.00	-1,000.00	0.0%
60405 - 09-0008 Expenses	0.00	2,000.00	-2,000.00	0.0%
60406 - Annual Report	27.75	1,686.00	-1,658.25	1.6%
60407 - ARC Marketing & Comm. Strategy	0.00	5,077.00	-5,077.00	0.0%
60408 - Contractor Management	3,897.00	11,762.00	-7,865.00	33.1%
60409 - Finance Committee	0.00	4,789.00	-4,789.00	0.0%
60413 - Executive Committee	0.00	11,198.00	-11,198.00	0.0%
60414 - Organizational Committee	0.00	5,617.00	-5,617.00	0.0%
60415 - Full Alliance Meetings	243.00	7,093.00	-6,850.00	3.4%
60416 - SWAGs	0.00	14,834.00	-14,834.00	0.0%
60417 - Materials Dist. & FOIA OMA	1,134.00	9,722.00	-8,588.00	11.7%
60418 - Advocacy & Liaison	1,143.00	38,481.00	-37,338.00	3.0%
60419 - Quick Books & Finance	945.00	7,777.00	-6,832.00	12.2%
60428 - 09-0007 PIE Expenses	36.95	500.00	-463.05	7.4%
60429 - PIE Meetings and Budget Prep	1,526.25	16,653.00	-15,126.75	9.2%
60437 - 09-0009 Technical Com. Expenses	0.00	500.00	-500.00	0.0%
60438 - Tech. Mtgs. & Budget Prep.	0.00	20,703.00	-20,703.00	0.0%
Total 60411 - OC1-Executive Director Services	8,952.95	159,392.00	-150,439.05	5.6%
Total 60410 - Organizational Committee	8,952.95	159,392.00	-150,439.05	5.6%
60420 - Public Involv. & Education Com.				
60421 - PIE1-Green Infrast. Campaign	638.25	80,000.00	-79,361.75	0.8%
60422 - PIE2-Detn. Pond Main. Man. Upd.	0.00	7,500.00	-7,500.00	0.0%
60423 - PIE3-Pub. Ed. Materials	0.00	22,500.00	-22,500.00	0.0%
60424 - PIE4-Collaborative PEP	0.00	5,000.00	-5,000.00	0.0%
60425 - PIE5-Website Maintenance	111.00	6,000.00	-5,889.00	1.9%
60426 - PIE6-Rouge 2009	0.00	7,800.00	-7,800.00	0.0%
60427 - PIE7-PIE Initiatives	0.00	9,700.00	-9,700.00	0.0%
Total 60420 - Public Involv. & Education Com.	749.25	138,500.00	-137,750.75	0.5%
60430 - Technical Committee				
60431 - TC1-R. R. Water. Monitor Act.	7,691.23	64,800.00	-57,108.77	11.9%
60432 - TC2-ARC Collb. IDEP/TMDL Plan	150.00	100,000.00	-99,850.00	0.2%
60433 - TC3-Green Inf. & Imp. Cvr. Map	0.00	85,000.00	-85,000.00	0.0%
60434 - TC4-Pursuing Grant Oppor.	0.00	100,000.00	-100,000.00	0.0%
60435 - TC5-NPDES Phase II Workgroup	142.50	18,000.00	-17,857.50	0.8%
60436 - TC6-Technical Comm. Initiatives	0.00	15,000.00	-15,000.00	0.0%
Total 60430 - Technical Committee	7,983.73	382,800.00	-374,816.27	2.1%
Total 60400 - 2009 Awards and Grants	17,685.93	680,692.00	-663,006.07	2.6%
65100 - Other Types of Expenses				
65120 - Insurance - Liability, D and O	4,100.00	4,500.00	-400.00	91.1%
Total 65100 - Other Types of Expenses	4,100.00	4,500.00	-400.00	91.1%
Total Expense	22,585.93	685,192.00	-662,606.07	3.3%
Net Ordinary Income	167,679.07	71,098.00	96,581.07	235.8%
Net Income	167,679.07	71,098.00	96,581.07	235.8%

1:39 PM

04/15/09

Alliance of Rouge Communities
A/P Aging Detail
As of April 15, 2009

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Due Date</u>	<u>Aging</u>	<u>Open Balance</u>
Current						
Bill	3/23/2009	091112	Environmental Consulting ...	4/22/2009		13,955.27
Bill	3/23/2009	091113	Environmental Consulting ...	4/22/2009		225.02
Bill	3/23/2009	091115	Environmental Consulting ...	4/22/2009		7,342.09
Bill	3/23/2009	091114	Environmental Consulting ...	4/22/2009		9,172.58
Total Current						<u>30,694.96</u>
1 - 30						
Bill	3/31/2009	1033	Tina L. Cusac, CPA	4/10/2009	5	100.00
Total 1 - 30						<u>100.00</u>
31 - 60						
Bill	2/28/2009	1015	Tina L. Cusac, CPA	3/10/2009	36	200.00
Total 31 - 60						<u>200.00</u>
61 - 90						
Total 61 - 90						
> 90						
Total > 90						
TOTAL						<u><u>30,994.96</u></u>

1:42 PM

04/15/09

Alliance of Rouge Communities
A/R Aging Detail
As of April 15, 2009

Type	Date	Num	Name	Terms	Due Date	Class	Aging	Open Balance
Current								
Invoice	2/10/2009	200947	Bloomfield Township		4/30/2009	Due 4/30		16,006.00
Invoice	2/10/2009	200949	Melvindale		4/30/2009	Due 4/30		2,635.00
Invoice	2/10/2009	200950	Northville Township		4/30/2009	Due 4/30		9,525.00
Invoice	2/10/2009	200953	Superior Township		4/30/2009	Due 4/30		7,359.00
Invoice	2/10/2009	200955	West Bloomfield Township		4/30/2009	Due 4/30		12,851.00
Invoice	2/10/2009	200960	Wayne County Airport Authority		4/30/2009	Due 4/30		2,266.00
Total Current								50,642.00
1 - 30								
Invoice	4/15/2009	200962	Rouge River National Wet We...		3/23/2009		23	8,266.13
Total 1 - 30								8,266.13
31 - 60								
Total 31 - 60								
61 - 90								
Total 61 - 90								
> 90								
Total > 90								
TOTAL								58,908.13

Alliance of Rouge Communities Member Communities Balance Detail

Type	Date	Num	Account	Class	Amount
Allen Park					
Total Allen Park					
Auburn Hills					
Invoice	2/9/2009	200946	11000 · Accounts R...	Due 4/30	257.00
Payment	3/5/2009	1124566	11000 · Accounts R...		-257.00
Total Auburn Hills					0.00
Beverly Hills					
Total Beverly Hills					
Bingham Farms					
Total Bingham Farms					
Birmingham					
Total Birmingham					
Bloomfield Hills					
Total Bloomfield Hills					
Bloomfield Township					
Invoice	2/10/2009	200947	11000 · Accounts R...	Due 4/30	16,006.00
Total Bloomfield Township					16,006.00
Canton Township					
Invoice	2/10/2009	200948	11000 · Accounts R...	Due 4/30	25,432.00
Payment	3/26/2009	306150	11000 · Accounts R...		-25,432.00
Total Canton Township					0.00
Commerce Township					
Invoice	2/10/2009	200958	11000 · Accounts R...	Due 4/30	522.00
Payment	3/10/2009	6981	11000 · Accounts R...		-522.00
Total Commerce Township					0.00
Dearborn					
Total Dearborn					
Dearborn Heights					
Total Dearborn Heights					
Farmington					
Total Farmington					
Farmington Hills					
Total Farmington Hills					
Franklin					
Total Franklin					
Garden City					
Total Garden City					
Inkster					
Total Inkster					
Lathrup Village					
Total Lathrup Village					
Livonia					
Invoice	2/10/2009	200957	11000 · Accounts R...	Due 4/30	29,013.00
Payment	4/7/2009	300524	11000 · Accounts R...		-29,013.00
Total Livonia					0.00
Melvindale					
Invoice	2/10/2009	200949	11000 · Accounts R...	Due 4/30	2,635.00
Total Melvindale					2,635.00

Alliance of Rouge Communities Member Communities Balance Detail

Type	Date	Num	Account	Class	Amount
Northville					
Total Northville					
Northville Township					
Invoice	2/10/2009	200950	11000 · Accounts R...	Due 4/30	9,525.00
Total Northville Township					9,525.00
Novi					
Total Novi					
Oak Park					
Total Oak Park					
Oakland County					
Total Oakland County					
Orchard Lake					
Total Orchard Lake					
Plymouth					
Total Plymouth					
Plymouth Township					
Invoice	2/10/2009	200951	11000 · Accounts R...	Due 4/30	10,368.00
Payment	3/25/2009	078515	11000 · Accounts R...		-10,368.00
Total Plymouth Township					0.00
Pontiac					
Total Pontiac					
Redford Township					
Invoice	2/10/2009	200952	11000 · Accounts R...	Due 4/30	12,168.00
Payment	3/25/2009	73569	11000 · Accounts R...		-12,168.00
Total Redford Township					0.00
Rochester Hills					
Invoice	2/10/2009	200956	11000 · Accounts R...	Due 4/30	1,875.00
Payment	3/13/2009	96178	11000 · Accounts R...		-1,875.00
Total Rochester Hills					0.00
Romulus					
Total Romulus					
Rouge River National Wet Weather Dem. Pro					
Invoice	4/15/2009	200962	11000 · Accounts R...		8,266.13
Total Rouge River National Wet Weather Dem. Pro					8,266.13
Southfield					
Total Southfield					
Superior Township					
Invoice	2/10/2009	200953	11000 · Accounts R...	Due 4/30	7,359.00
Total Superior Township					7,359.00
Troy					
Total Troy					
Van Buren Township					
Invoice	2/10/2009	200954	11000 · Accounts R...	Due 4/30	6,326.00
Payment	3/3/2009	90403	11000 · Accounts R...		-6,326.00
Total Van Buren Township					0.00
Walled Lake					
Total Walled Lake					
Washtenaw County					
Total Washtenaw County					

Alliance of Rouge Communities Member Communities Balance Detail

Type	Date	Num	Account	Class	Amount
Wayne					
Total Wayne					
Wayne County					
Total Wayne County					
Wayne County Airport Authority					
Invoice	2/10/2009	200960	11000 · Accounts R...	Due 4/30	2,266.00
Total Wayne County Airport Authority					2,266.00
West Bloomfield Township					
Invoice	2/10/2009	200955	11000 · Accounts R...	Due 4/30	12,851.00
Total West Bloomfield Township					12,851.00
Westland					
Total Westland					
Wixom					
Total Wixom					
Ypsilanti Township					
Invoice	2/10/2009	200959	11000 · Accounts R...	Due 4/30	1,054.00
Payment	4/7/2009	96881	11000 · Accounts R...		-1,054.00
Total Ypsilanti Township					0.00
TOTAL					58,908.13

Alliance of Rouge Communities

4/15/2009 2:06 PM

Register: 9998 · ARC Chase Checking

From 01/01/2009 through 04/15/2009

Sorted by: Date, Type, Number/Ref

<u>Date</u>	<u>Number</u>	<u>Payee</u>	<u>Account</u>	<u>Memo</u>	<u>Payment</u>	<u>C</u>	<u>Deposit</u>	<u>Balance</u>
03/02/2009		Wayne County	47230 · 2008 Roll over ARC M...	Unused 2008 dues tra...		X	60,000.00	60,000.00
03/02/2009		Wayne County	30000 · Opening Balance Equity	VOID: unused dues t...		X		60,000.00
03/16/2009			-split-	Deposit: 2009 memb...		X	8,980.00	68,980.00
03/17/2009		David Chapman Agency	65120 · Insurance - Liability, D...	VOID: paid using bil...		X		68,980.00
03/17/2009	1001	David Chapman Agency	20000 · Accounts Payable	2009 ARC Insurance	4,100.00	X		64,880.00
03/17/2009	1002	Friends of the Rouge	20000 · Accounts Payable	Inv. 1 & 2	6,261.73			58,618.27
03/17/2009	1003	Plotnik, Feinberg, Kief & As...	20000 · Accounts Payable	Accountant consultat...	800.00	X		57,818.27
04/03/2009		Wayne County	47230 · 2008 Roll over ARC M...	remainder paid by W...			43,250.00	101,068.27
04/03/2009			-split-	Deposit: 2009 dues			47,968.00	149,036.27
04/07/2009			-split-	Deposit: 2009 dues			30,067.00	179,103.27
04/15/2009	1004	Environmental Consulting &...	20000 · Accounts Payable	Invoice 090755,0907...	11,424.20			167,679.07

SUGGESTED CHANGE TO ARC BYLAWS TO CONFORM WITH 501(C)(3) REQUIREMENTS

OLD Version

ARTICLE VII. DISSOLUTION OF THE ARC

In the event that its members dissolve the ARC, any unused balances of membership assessments at the time of dissolution not needed to meet ARC obligations shall be redistributed back to the ARC members prorated on the basis of the total ARC assessment paid by each member during the immediately preceding fiscal year. Similarly, uncommitted balances from other sources of revenue (e.g. grants, gifts, contributions, etc) remaining at the time of dissolution of the ARC shall be returned to the original provider or, if directed by the provider, transferred to a 501c3 organization or public agency that is willing and able to expend the funds for the originally intended purposes.

NEW Version

ARTICLE VII. DISSOLUTION OF THE ARC

In the event of the dissolution of this Corporation, all assets, real and personal, shall be distributed to one or more organizations which qualify as tax exempt and publicly supported under Sections 501(c)(3) and 509(a)(1), respectively, of the Code, or the corresponding provisions of any subsequent Federal tax laws, or shall be distributed to the federal government, or to a state or local government, for a public purpose.

“Eventually, all things merge into one, and a river runs through it”
Norman Maclean

Mr. James Ridgway, P.E.
Executive Director
The Alliance of Rouge Communities
c/o ECT, Inc.
719 Griswold, Suite 1040
Detroit, MI 48226

Dear Mr. Ridgway:

As you know, the Rouge Program Office funding provided to Friends of the Rouge (FOTR) is significantly decreased and will be eliminated in 2010. These grant funds have supported this organization to a great extent for the past 17 years. At the end of this current funding period in 2010, FOTR must then rely solely on new sources of funding as well as working to retain our past financial supporters.

The Friends of the Rouge respectfully proposes that the Alliance of Rouge Communities (ARC) consider supporting FOTR by earmarking funds for our organization as a line item in your current fiscal year budget and possibly beyond. Several communities (5) already provide FOTR with financial support each year, but that is only five of the 48 communities and three counties located within the Rouge River Watershed.

We are therefore proposing a grant from the ARC for fiscal years 2008/2009 and 2009/2010 in the amount of \$38,600 for each of the two years with the purpose of covering general operating expenses that will help FOTR “keep the lights on” and continue to provide the services that the ARC community expects.

FOTR has worked hard as an organization to reduce our overhead and find new funding sources, just as we know the communities of the ARC have done at the municipal level. In the past year we have or will:

- Eliminated the Executive Director position.
- Not filled a program assistant position in the Public Involvement program.
- Not renewed a program assistant in the Rouge Education Project program.
- Revised employee policies to reduce employee labor costs.
- Submitted grant applications to a wider variety of corporate and foundation supporters.
- Created a new set of fundraising events (including a sold out golf outing and silent auction in May).
- Partnered with Detroit Public TV on a program called MI-Earth to promote the environment and reach a broader audience.
- Will convert the FOTR newsletter to an electronic format.

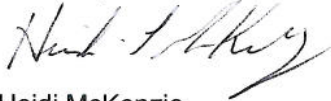


With this in mind, attached you will find a summary of the important programs implemented by Friends of the Rouge which not only promote the health and well-being of the Rouge River, but also help the Rouge River communities fulfill the public education requirements of the storm water permit within this watershed.

No matter a community's location in the Rouge River Watershed, providing public education and stewardship programs is truly a fully integrated effort requiring every community's full support. What happens upstream affects us downstream, and what happens downstream affects the Detroit River and subsequent bodies of water and wetlands that we, as a watershed, have the potential to impact.

The FOTR Board of Directors and Staff thank you for your consideration of this request.

Sincerely,

A handwritten signature in black ink, appearing to read "Heidi McKenzie". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Heidi McKenzie
FOTR Board President

Friends of the Rouge is a 501 (c) (3) non-profit organization created in 1986 to promote restoration and stewardship of the Rouge River ecosystem through education, citizen involvement and other collaborative efforts, for the purpose of improving the quality of life for people, plants and animals of the watershed.

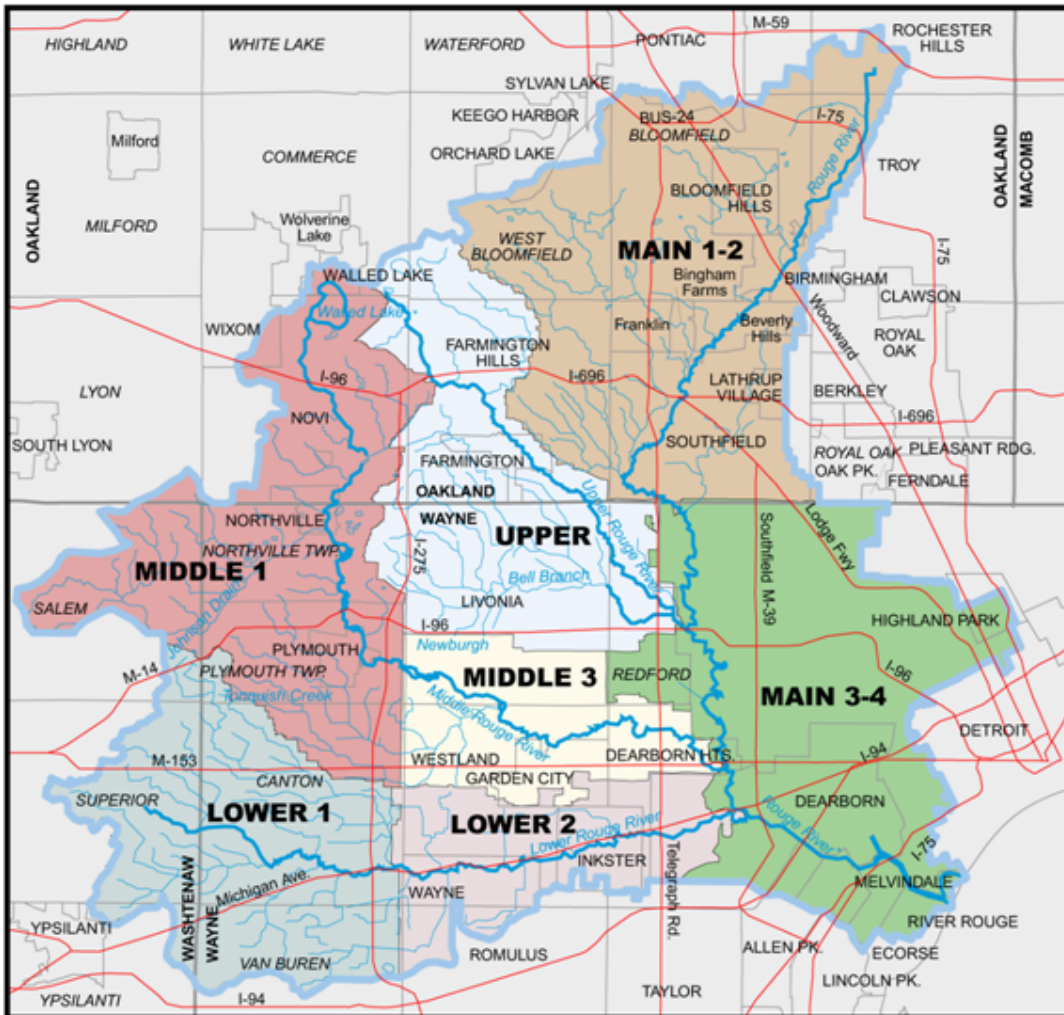
Friends of the ROUGE

Program Information



Promoting restoration and stewardship of the Rouge River ecosystem through citizen involvement, education and other collaborative efforts, for the purpose of improving the quality of life of the people, plants and animals of the watershed

Rouge River Watershed



Rouge Watershed Facts

The Rouge River has four main branches – the Main, Upper, Middle and Lower.

These branches total 126 miles of river.

The watershed drains 467 square miles of land.

The watershed communities are home to nearly 1.5 million people.

There are 47 units of government located within the watershed.



About Friends of the Rouge

Friends of the Rouge (FOTR) is a local non-profit organization dedicated to promoting restoration and stewardship of the Rouge River through education and citizen involvement. Since 1986, the organization has encouraged residents to become directly involved in cleaning up and restoring their streams. FOTR program participants achieve a sense of "ownership" of their streams and the watershed. FOTR's programs target K-12 students through the Rouge Education Project as well as the general public through our Public Involvement Programs.



Rouge Education Project

The Rouge Education Project began in 1987 with 16 high schools participating in the first year. Now, over two decades later, the program reaches an average of 50 elementary, middle and high schools each year, throughout the Rouge River watershed. Classes that participate with the project monitor the health of the Rouge River via chemical testing, physical surveys, and biological sampling. After collecting river data during either fall or spring monitoring day, students submit it to Friends of the Rouge via the internet. The data is made available to participating schools and interested residents. The program concludes with an annual Student Congress event, where all of the schools that participated in the program are

invited to come and present their findings to one another. Student presentations are important, as the program challenges them to think about what affects water quality at their site.

Schoolyard Habitat Program

The Schoolyard Habitat Program began as a pilot project in 2007 with the goal of creating outdoor classrooms for schools located in the Rouge River watershed. The focus of the program is to demonstrate to students the beauty and benefit of native plant species not only as providers of habitat, but as filters for storm water runoff. Schools in the program receive funding, technical assistance, and the support of Friends of the Rouge staff. An open application process is offered in November and three schools are selected each year for the program.



Educating the youth of today about the health of their local rivers and the importance of local habitats is key to ensuring our communities remain environmentally sustainable into the future.

Public Involvement Programs

Rouge Rescue



Rouge Rescue began in 1986 as a way to get residents out to the river to physically clean it up and to build support for restoring the health of the river. Every year, on the first Saturday in June, more than 2,000 volunteers participate at 25-30 sites throughout the metropolitan area.

As the health of the river improves, Rouge Rescue activities have expanded beyond simply removing debris. Our activities now include efforts to stabilize eroding stream banks with woody debris and vegetation, planting rain gardens that use storm water as a resource, maintaining trails along the river, and a variety of other activities that focus on river restoration.

It is important for all communities in the Rouge River Watershed to continue to support the progress we've made...both upstream and downstream....

Involvement Opportunities: Local communities and businesses can organize teams to participate at Rouge Rescue sites.

River Restoration Program

Through workshops and hands-on demonstration projects, FOTR educates residents about how to take care of the land along the river in a way that improves water and habitat quality. Projects include native buffer plantings, rain gardens, soft soil bioengineering, invasive plant removal and woody debris management.



Friends of the Rouge can provide consultative services on how to improve water quality through native landscaping and streambank stabilization projects.

Involvement Opportunities: Local communities and businesses can organize teams to participate in a variety of river restoration activities.

Volunteer Monitoring

Friends of the Rouge trains hundreds of volunteers each year to survey wetlands for frogs and toads and streams for benthic macroinvertebrates (commonly know as “bugs”). Due to the high quality standards maintained in FOTR’s data collection, state and local agencies accept FOTR monitoring data. Monitoring results are currently being used by Rouge communities to meet storm water permitting requirements.



Rouge Frog and Toad Survey

The Rouge Frog and Toad Survey is a simple listening survey in which volunteers are trained to identify calls of breeding frogs and toads that live in the Rouge River watershed. Volunteers sign up to survey a block near their home on warm nights March through July. Results are compiled and mapped to track the health of wetlands which are critical to the health of the watershed.

Every year, 200-400 people attend workshops and as many as 600 people participate in the monitoring program. Many families participate together.

The health of a community is determined by the health of its environment. Keeping an eye on the health of our wildlife helps us keep an eye on the health of our community.

Involvement Opportunities: Surveyors are needed each year and must attend a two hour workshop held annually in February and March.

Rouge Bug Hunts

Bug Hunts are group sampling events in which volunteers sample stream sites in teams. Each team visits two sites and searches for clams, snails, aquatic insects and other creatures that live in the streambed. The type and number of organisms found are used to assess the health of the stream. Results are submitted to the Michigan Department of Environmental Quality which uses the data to screen for potential water quality concerns.



Bug hunts are held in the spring and fall and a winter stonefly search is held in January. As many as 100 people participate in each of these events.

Keeping an eye on even the smallest of organisms in our watershed helps us keep an eye on the health of the community as a whole.

Involvement Opportunities: 1) Volunteers for monitoring days; 2) Team Leaders willing to undergo training to lead a team on monitoring days



What is MiEarth?

MiEarth is a web/TV video project designed to celebrate great environmental work in Michigan, educate people about what they can do, and inspire them to take action.

From a DPTV-mission standpoint, the goal is to create the online headquarters for all environment-related video in Michigan – and position the station as the leader and convener of all things green.

The site is also designed to serve as a platform for promoting DPTV's science and environment programming – including specials like upcoming National Parks documentary from Ken Burns.

How Does MiEarth work?

The headquarters of the project is a YouTube-style website that allows everyone to get involved – for free. Any group, person, company, school, government entity can upload video in six categories. Key points...



- Videos can be embedded in other websites – and links can be shared via Twitter, Digg, or any other online distribution.
- A blog allows us to highlight groups/events happening throughout Michigan.
- In May or June we will begin airing best-of highlights on DPTV as 2-minute vignettes.
- As additional underwriters join MiEarth we will begin producing our own features to air on DPTV and share with other media outlets.

MiEarth's Video Hits

In less than a month, more than **150 videos** have been uploaded to MiEarth.org. Highlights of groups/people/companies featured...



Green Team: Congressman John Dingell, US Fish & Wildlife Service, U of M and MSU researchers, students at Saginaw Valley State, Alliance of Rouge Communities

Green Communities: City of Rochester Hills, City of Detroit, City of Dearborn, City of Grand Rapids, City of Ann Arbor, SEMCOG, Michigan DLEG

Green Inc: DTE Energy, LaFontaine auto dealers, Waste Management, Ford, GM, Chrysler, ITC, JS Vig Construction, A3C Architecture, Global Wind Systems



MiEarth's Traffic Hits

In less than a month, website traffic highlights include...

- 2,500+ visits from 35 states and 124 cities in Michigan
- 10,000+ video views

Positive Early Reviews

Word about MiEarth.org is beginning to spread...

Great Lakes Blogger



**MICHIGAN SCIENCE
TEACHERS ASSOCIATION**

another new media resource

Although I've had a chance to view only a few of the videos [here](#), I'm impressed by the approach being taken by Detroit Public TV and the University of Michigan-Dearborn. The new MiEarth describes itself as "a video project designed to celebrate great environmental work in Michigan, educate people about what they can do, and inspire them to take action." We need all of that we can get.



**Alliance of Rouge Communities
2009 Amended Budget**

Expected Revenues Available for 2009

* 2009 Dues from Communities	\$ 296,694
** 2009 Rouge Project Grant	\$ 292,846
Future other Grants (Estimated)	\$ 58,500
Charges for Services	\$ 5,000
Rollover Dues from 2008 Budget	\$ 103,250
	\$ 756,290

Proposed 2009 Budget Items	Committee Proposal	Funding Source			"Provider" using Budget (6)
		ARC Dues	Rouge Grant	Other Source	
Organization Committee					
OC1 Executive Director Services	\$ 159,391	\$ 79,696	\$ 79,696		Exe.Dir. Serv.
(1) OC2.a ARC Insurance	\$ 4,500	\$ 4,500	\$ -		outside purchase
(4) OC2.b Fiduciary Services	\$ -	\$ -	\$ -		
(5) OC4 ARC Advocacy and Administration	\$ -	\$ -	\$ -		
Organization Committee Total	\$ 163,891	\$ 84,196	\$ 79,696	\$ -	
Public Education and Involvement Committee					
PIE1 Green Infrastructure Campaign	\$ 81,500	\$ 38,250	\$ 38,250	\$ 5,000	Exe.Dir. Serv./Wayne County
PIE2 Detention Pond Maintenance Manual Update	\$ 7,500	\$ 3,750	\$ 3,750		Exe.Dir. Serv.
PIE3 Pub Ed Materials	\$ 23,000	\$ 11,500	\$ 11,500		Exe.Dir. Serv./Wayne County
PIE4 Collaborative PEP	\$ 3,000	\$ 1,500	\$ 1,500		Exe.Dir. Serv.
PIE5 Website Maintenance	\$ 6,000	\$ 3,000	\$ 3,000		Exe.Dir. Serv.
PIE6 Rouge 2009	\$ 7,800	\$ 3,900	\$ 3,900		Exe.Dir. Serv.
PIE7 PIE Initiatives	\$ 9,700	\$ 4,850	\$ 4,850		Not Defined
PIE Committee Total	\$ 138,500	\$ 66,750	\$ 66,750	\$ 5,000	
Technical Committee					
TC1 Rouge River Watershed Monitoring Activities	\$ 64,800	\$ 32,400	\$ 32,400		Friends of the Rouge- RPO
TC2 ARC Collaborative IDEP and E. coli TMDL Plan	\$ 100,000	\$ 50,000	\$ 50,000		Exe.Dir. Serv./Wayne County
TC3 Green Infrastructure and Impervious Cover Mapping	\$ 85,000	\$ 42,500	\$ 42,500		Contractor to be procured
(2) TC4 Pursuing Grant Opportunities	\$ 100,000	\$ 36,500	\$ 5,000	\$ 58,500	Not Defined
TC5 NPDES Phase II Workgroup	\$ 18,000	\$ 9,000	\$ 9,000		Exe.Dir. Serv.
TC6 Technical Committee Initiatives	\$ 15,000	\$ 7,500	\$ 7,500		Not Defined
Technical Committee Total	\$ 382,800	\$ 177,900	\$ 146,400	\$ 58,500	
Total Amount Requested by All Committees	\$ 685,191	\$ 328,846	\$ 292,846	\$ 63,500	
Available Unallocated Budget	\$ 71,099	\$ 71,099	\$ -	\$ -	

Notes

- (1) Not a Rouge grant eligible item; funded 100% from ARC dues.
- (2) Eligibility of using Rouge Grant funds to prepare applications to other funding sources needs to be investigated
Grant Writing is currently budgeted 50/50 (ARC/Rouge Grant), while the project is Budgeted 35/65 (ARC/New grant).
this request anticipate \$58,500 grant, \$31,500 Match and \$10,000 grant pursuing effort.
- (3) Not used
- (4) Executive Director through Task OC1 will be providing this service in 2009 instead of Wayne County.
- (5) Task OC4 was included in Task OC1 in the 2009 budget.
- (6) Officers & Committee Members provide assistance to implement most of the ARC tasks. Cost for this assistance is not included in ARC Budget.
- * Based on 2008 dues amounts
- ** Amount may be less if some of the costs associated with pursuing other funding sources is determined to be ineligible

Summary of 2009 Budget Amendment Requests

Item #	Description	2009 Budget	2009 Budget Amendments	Responsibility							
				Wayne County	2009 Amendment INCREASE/DECREASE in Wayne County	Executive Director	2009 Amendment INCREASE/DECREASE in Executive Director Contract	Other Contractor Selected	2009 Amendment INCREASE/DECREASE in Other Contractor Selected	Remaining to be Assigned	2009 Amendment Remaining to be Assigned
OC1	ARC Insurance	\$4,500									
	Executive Director Services	\$159,391				\$159,391					
PIE1	Green Infrastructure Campaign	\$80,000	\$81,500	\$2,000	\$1,500	\$78,000					
PIE2	Detention Pond Maintenance Manual Update	\$7,500	\$7,500			\$7,500					
PIE3	Pub Ed Materials	\$22,500	\$23,000	\$2,000	-\$1,500	\$20,500	-\$10,500				
	Waterfront Wisdom	\$2,500	\$0								
	Print Materials	\$10,000	\$5,000								
	Distribution	\$5,000	\$2,000								
	Municipal Main.	\$5,000	\$5,000								
	MiEarth.org	\$0	\$12,500						\$12,500		
PIE4	Collaborative PEP	\$5,000	\$3,000			\$5,000	-\$2,000				
PIE5	Website Maintenance	\$6,000	\$6,000			\$6,000					
PIE6	Rouge 2009	\$7,800	\$7,800			\$7,800					
PIE7	PIE Initiatives	\$9,700	\$9,700							\$9,700	
Total 2009 PIE Committee Budget		\$138,500	\$138,500								
TC1	Rouge River Watershed Monitoring Activities	\$64,800	\$64,800	\$19,800				\$45,000			
TC2	ARC Collaborative IDEP and E. coli TMDL Plan	\$100,000	\$100,000	\$88,000		\$12,000					
TC3	Green Infrastructure and Impervious Cover Mapping	\$85,000	\$85,000				\$4,150	\$85,000	-\$4,150		
TC4	Pursuing Grant Opportunities	\$100,000	\$100,000			\$10,000	\$8,350			\$90,000 for Pursuing & Matching Potential Grant	\$69,150 (after \$12,500 for possible CMI match)
TC5	NPDES Phase II Workgroup	\$18,000	\$18,000			\$18,000					
TC6	Technical Committee Initiatives	\$15,000	\$15,000							\$15,000	
Total 2009 TC Budget		\$382,800	\$382,800								

Total ARC Budget	\$685,191	\$685,191	111,800	\$324,191	\$324,191
-------------------------	------------------	------------------	----------------	------------------	------------------

Executive Director Contract Increase: \$0



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2009 BUDGET AMENDMENT REQUEST PIE AMENDMENT 1

REQUEST DATE: April 20, 2009

LINE ITEM: Reallocating Budget (\$12,500) within Public Education Materials (PIE Task 3).

COMMITTEE MAKING REQUEST: PIE

BACKGROUND: www.MiEarth.org, is a new environmental partnership with public television station Channel 56 (WTVS) and the University of Michigan-Dearborn to provide a multi-media approach to environmental initiatives. This website would help publicize the ARC's activities through the MiEarth.org website, targeted radio and television coverage and through Signal Magazine, a public television quarterly publication that goes to 60,000 subscribers.

The PIE Committee voted at its March 12, 2009 to support the www.MiEarth.org initiative and to re-allocate funding from its work plan to support the effort. MiEarth.org is asking for a \$25,000 sponsorship from the ARC. The PIE Committee has identified \$12,500 in 2009 PIE budget that can be reallocated to support MiEarth. The PIE Committee is proposing to re-allocate **\$12,500** from PIE3 and PIE4 to pay half of the requested \$25,000 toward an ARC sponsorship of MiEarth.org.

The funds from those activities would be reallocated the following way:

PIE3:

Reduce Editing the Waterfront Wisdom brochure to \$0 (reallocate \$2,500)

Reduce Print Materials: (Detention Pond Manual, brochures/tip cards, Waterfront Wisdom and other materials): to \$5000 (\$5,000 reallocated)

Reduce Distribution to \$2,000 (\$3,000 reallocated)

PIE 4:

Reduce Collaborative PEP Task from \$5,000 to \$3,000. (This task was based on developing collaborative PEP activities as it relates to the new storm water permit. The communities are currently contesting the new storm water permit, and it is doubtful this activity will be possible this year.)

If this budget transfer is approved, it would mean the Waterfront Wisdom brochure will not be re-edited for Rouge River riparian homeowners. Budget for printing of this item and other public education materials would be deferred to 2010. Any budget remaining in this task after the budget reallocation has been used to purchase Municipal Storm Water Maintenance videos (\$4884.70) for ARC members and will be used to print the updated Detention Pond Maintenance Manual (Task PIE2).

DESCRIPTION OF ANTICIPATED ACTIVITIES: The funds would be used for an ARC sponsorship of MiEarth.org.

RATIONALE: The PIE Committee voted at its March 12, 2009 meeting to recommend that the ARC participate in the MiEarth.org initiative, because it believes this activity will give the ARC more bang for the buck with its marketing. The opportunities are endless on MiEarth for marketing the ARC, spotlighting innovative ARC activities and getting information out to the public.

BUDGET: Budget Amendment #1 to the PIE Committee 2009 Budget requests that \$10,500 be reallocated within PIE3 Public Education Materials and \$2,000 from PIE4 Collaborative PEP be transferred to PIE3 to support MiEarth.org. The total subtask in PIE 3 would be \$12,500 for MiEarth.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The Chair of the Public Involvement and Education Committee (Ms. Brandy Siedlaczek) will oversee this task on behalf of the PIE Committee. The ARC Staff will be responsible for facilitating the sponsorship.

2009 Budget Amended (April 20, 2009)
ARC Public Involvement and Education Committee

Task	Previous Budget	After Amendment
1. Green Infrastructure Education and Outreach Campaign Supports—ARC <i>E. coli</i> Action Plan and Collaborative IDEP and Green Infrastructure Analysis <ul style="list-style-type: none"> • Mini-grant Program and Administration (\$55,000) • Join National Partnership – Green Infrastructure Action Strategy (\$0) • Green Infrastructure Workshops, Bus Tour, Publicity (\$20,000) • Septic System Maintenance Workshops (\$5,000) 	\$80,000	\$80,000
2. Update Detention Pond Maintenance Manual Update Supports – ARC <i>E. coli</i> Action Plan & Collaborative IDEP	\$7,500	\$7,500
3. Public Ed Materials () Supports PEP requirements <ul style="list-style-type: none"> • Waterfront Wisdom Brochure Update • Print Materials(Detention Pond Manual printing, brochures, tip cards, Waterfront Wisdom) • Distribution • Municipal Maintenance Education Tapes • MiEarth.org 	\$22,500	\$24,500
	-- \$2,500	-- \$0
	-- \$10,000	-- \$5,000
	-- \$5,000	-- \$2,000
	-- \$5,000	-- \$5,000
	-- 0	-- \$12,500
4. Collaborative PEP	\$5,000	\$3,000
5. Website Maintenance	\$6,000	\$6,000
6. Rouge 2009	\$7,800	\$7,800
7. PIE Initiatives	\$9,700	\$9,700
Total	\$138,500	\$138,500



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2009 BUDGET AMENDMENT REQUEST PIE AMENDMENT 2

REQUEST DATE: April 20, 2009

LINE ITEM: Reallocating Wayne County budget from PIE3 (Public Education Materials) to PIE1 (Green Infrastructure Campaign)

COMMITTEE MAKING REQUEST: PIE

BACKGROUND: The PIE Committee is funding a variety of green infrastructure projects through its Green Infrastructure Campaign with the assistance of Wayne County, which ran a similar program in the Alliance of Downriver Watersheds. Wayne County was allocated \$2,000 in PIE1 to support this effort. Additionally, Wayne County was allocated \$2,000 in PIE3 to help with the distribution of public education materials. The PIE3 scope has been substantially reduced (PIE Budget Amendment 1) to support MiEarth.org, so there is no need for a substantial materials distribution effort.

However, more effort was involved in the PIE1 project selection, site visits and meetings than originally anticipated. The PIE Committee is requesting that Wayne County's \$2,000 allocation from PIE3 (Public Education Materials) be reduced to \$500 and the remaining \$1,500 be transferred to Wayne County's allocation in PIE1 (Green Infrastructure Campaign).

DESCRIPTION OF ANTICIPATED ACTIVITIES: The funds would be used to fund the additional effort needed from Wayne County to assistance in the PIE1 project selection, site visits and meetings.

RATIONALE: The budget transfer would provide much needed support from Wayne County on PIE1.

BUDGET: PIE Budget Amendment #2 requests that Wayne County's allocation in PIE3 (Public Education Materials) be reduced from \$2,000 to \$500, and \$1,500 be transferred from PIE 3 to Wayne County's allocation in PIE1 (Green Infrastructure Campaign) to bring the total Wayne County allocation in PIE1 to \$3,500. Additional funding will be needed to continue Wayne County's assistance in overseeing the completion of the 13 projects in the Green Infrastructure Campaign mini-grant program. This funding need will be addressed at the next Finance and Executive Committee meetings.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The Chair of the Public Involvement and Education Committee (Ms. Brandy Siedlaczek) will oversee this task on behalf of the PIE Committee. The ARC Staff will be responsible for facilitating the sponsorship.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2009 Budget Amendment #1 for Executive Director oversight of the Green Infrastructure and Impervious Cover Mapping contractor

REQUEST DATE: April 15, 2009

LINE ITEM: TC3-Green Infrastructure and Impervious Cover Mapping

COMMITTEE MAKING REQUEST: Technical Committee

BACKGROUND: From the July/August 2006 Storm Water Journal: *The Natural Resources Conservation Service, historically, and the Center for Watershed Protection, more recently, have deemed forest cover to be the best use of land for water storage, recharge, runoff reduction, pollutant reduction, and habitat. Tom Schuler, former Director of Watershed Research and Practice for the Center, sees percent forest cover – rather than impervious surface – as a leading indicator of watershed health.* Communities around the Rouge River Watershed have begun to embrace “Green Infrastructure - Grow Zone” projects such as low impact development, rain gardens, riparian buffer expansions, bioswales, etc. Many have “Tree” committees to promote and manage their urban trees and forests.

This task is recommended to accomplish three objectives: (1) quantify and communicate the economic and environmental benefits of existing green infrastructure in the Rouge River watershed; (2) provide the means to evaluate the impacts of future development and/or grow zone projects; and (3) establish the baseline green infrastructure and update the impervious surfaces GIS data coverages for use in evaluating the long-term success/impacts of watershed protection and restoration activities. The Technical Committee has specific interest in the impervious surface mapping for use in evaluating new development, redevelopment and targeting potential areas for retrofits or conversion of impervious surfaces to grow zones/trees. This information may also be helpful in planning and implementing storm water utilities. Impervious cover impacts stream ecosystems by increasing the proportion of storm water runoff discharged from the watershed directly to the stream as compared with the proportion that infiltrates back into the ground or is detained in wetland systems. Negative effects of increased runoff to streams include hydrologic, structural habitat, and water quality impacts. The Center for Watershed Protection developed an “Impervious Cover Model” (ICM) that predicts the quality and character of a stream based on the percentage of IC in the watershed. The ICM contains three categories: (0-11% IC = Sensitive; 11-25% = Impacted; 25% = Degraded) (Schueler, 1994). Using this information basis, the ARC and individual communities will be able to evaluate and assess benefits and impacts from potential projects as well as prioritize areas for retrofits in reducing impervious cover.

DESCRIPTION OF ANTICIPATED ACTIVITIES: We are requesting budget for the Executive Director for staff time needed to 1) interview the two highest ranked bidders, 2) solicit and secure funding from about 20-25 border communities (those not entirely in the Rouge River Watershed), if they chose to have their entire community included in the survey and 3) provide administrative oversight during execution of the work. This oversight is expected to include attendance at monthly conference calls with the contractor, invoice review and recommendation for payment, and distribution of the final product to ARC members.

Technical oversight of the contractor will be lead by Wayne County Department of Environment (WCDOE) at no additional cost to the ARC. WCDOE anticipates forming a subcommittee including Oakland County and municipal GIS staff to facilitate the review process. WCDOE's responsibilities will include attendance at monthly conference calls held by the contractor, subcommittee member solicitation, subcommittee meeting facilitation, technical review of the contract deliverables and any other technical communication with the contractor.

RATIONALE: Although procurement the land cover contractor was included in the Executive Director's contract, staff costs for coordinating and participating in the bidder interviews and staff costs associated with the expansion of the survey outside the Rouge River Watershed was not anticipated. In addition, cost for administrative oversight of the selected contractor was not included the Executive Director's contract.

BUDGET: \$4,150 for the Executive Director as described above. Funding for this effort is already available in the Technical Committee's current budget for this line item.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The Chair of the Technical Committee (currently, Mr. Gary Zorza) will oversee the task on behalf of the Technical Committee. The ARC Staff is responsible for performing the work.



Working together, restoring the river

**ALLIANCE OF ROUGE COMMUNITIES
FINANCE COMMITTEE
DRAFT
2009 Budget Amendment #2
Executive Director Services for Pursuing Grant
Opportunities**

REQUEST DATE: April 20, 2009

LINE ITEM: TC4-Pursuing Grant Opportunities

COMMITTEE MAKING REQUEST: Technical Committee

BACKGROUND: There has been considerable financial support for the Rouge Project and the Alliance of Rouge Communities in the past through the U. S. EPA National Wet Weather Demonstration grant that offset the community costs for activities, projects, and programs. This funding has consistently been reduced over the past few years and is expected to drop off substantially after 2008. The Technical Committee recognizes the urgency of finding alternative funding sources to support monitoring and other SWPPI permitting activities required as part of ARC members' storm water permits. The draft Watershed Management Plan was complete at the end of 2008 and it will be important to continue to identify sources of funding for project implementation for continued watershed restoration activities.

During 2009, the Executive Director staff has submitted two grant applications: the first was a CMI grant for water quality monitoring to support IDEP efforts, and the second was a NOAA grant for habitat improvements at Danvers Pond, Evans Creek and Green Corridors (Wayne County Parks and Beechwood Park in Southfield). The budget for the CMI grant request was \$37,180 (grant) plus \$12,500 in matching funds. The budget for the NOAA grant was \$2,526,812 with no matching funds. Executive Director has not received a response yet on either grant submission.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The Executive Director proposes to continue a concerted effort to pursue additional grant opportunities in 2009. This task will support seeking out grant opportunities and preparation of applications. The Section 319 grant applications will likely be issued at the end of 2009. The Executive director anticipates submitting two grants under this fund. Other grant opportunities may also be sought in 2009.

RATIONALE (including why needed): The declining trend of Federal funding for the Rouge Project is expected to continue to drop off. The Technical Committee believes it is important to find other funding sources to help fund activities that are required elements of

ARC members' SWPPIs and new permit requirements. Because grant applications typically have short deadlines, it will be important that the Technical Committee has the authority to act quickly when a request for proposals hits the streets. The committee therefore requests additional budget that will provide immediate resources for the preparation of grant applications and matching funds that often substantially improve the chance of being awarded a grant.

Typically a grant package costs a minimum of \$2,500 to prepare. The NOAA grant was actually a submission for three separate projects bundled together; as such the grant preparation level of effort was much higher. The larger scope of work, along with the very short timeline that was available to prepare the NOAA grant, resulted in complete expenditure of the Executive Director's existing budget for this line item.

BUDGET (including how the amount requested was established): This line item is currently funded at \$100,000 in the Technical Committee's budget. \$10,000 is allocated to the Executive Director and \$90,000 is set aside to be used as matching funds. The Executive Director's budget was fully expended in early April 2009 in preparing the two previously mentioned grant applications. In addition, \$12,500 has been temporarily allocated in matching funds for the CMI grant. This leaves a \$77,500 balance in this line item. The Executive Director requests an additional \$8,350 in funding to cover the cost of preparing two to four grant applications in 2009. Specific grant applications will follow the ARC Grant procedures through the Grants Committee.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The Chair of the Technical Committee (currently, Mr. Gary Zorza, Vice-Chair) will oversee the task on behalf of the Technical Committee.



Alliance
of Rouge
Communities

OURS TO PROTECT

Working together, restoring the river

Executive Director

2008 Annual Report



ECT

Submitted by:

Environmental Consulting & Technology, Inc.

719 Griswold, Suite 1040, Detroit MI 48226

March 2009

EXECUTIVE DIRECTOR 2008 ANNUAL REPORT

TASK 1: MEETINGS

A. FULL ALLIANCE MEETINGS

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

- ◆ *May 6, 2008 in Novi:* The Executive Director discussed the ARC's position on the new NPDES Phase II Storm Water Permit. The ARC Chair, Kurt Giberson, City of Dearborn, announced he was retiring from the city and could no longer serve as ARC Chair. Additionally the following actions were approved: the ARC position paper regarding the Phase II permit; the ARC Watershed Management Plan Public Participation Plan; the ARC Strategic Plan, with corrections; the ARC Nominating Process Policy and the ARC Purchasing Policy.
- ◆ *September 23, 2008 in Canton:* The 2009 ARC budget was discussed and approved. New officers were elected: Tim Faas, Canton Township, Chair; Gary Mekjian, City of Southfield, Vice-Chair, and Jennifer Lawson, City of Troy, Treasurer. Additionally, the following actions were approved: 2008 Budget Amendments; the IAA language; the revised ARC Purchasing Policy; The Executive Committee will make appropriate changes to the ARC Bylaws and Articles of Incorporation to allow the ARC to become a 501 (c)(3); Executive Director to review limitations to becoming a 501 (c)(3), and the Executive Director will prepare a letter to S. Chester, MDEQ regarding the limits on funding for PA 517.
- ◆ *December 16, 2008 in Novi:* The Executive Director gave a powerpoint presentation outlining the updated Rouge River Watershed Management Plan being submitted to the MDEQ in January, 2009. Additionally, the following actions were approved: The ARC chair will extend a ARC membership offer to the City of Detroit; Comments on the Watershed Management Plan will be forwarded to C. O'Meara by December 27, 2008 and the Watershed Management Plan will be submitted to MDEQ on January 1, 2009, and any ideas about 2009/2010 ARC activities should be forwarded to T. Faas, ARC Chair.

B. EXECUTIVE COMMITTEE

Staff support was provided for four (4) Executive Committee meetings. Staff support for each meeting included (under the direction of the ARC Officers), preparation of the agenda, distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and documenting recommendations considered and actions taken), and meeting summary preparation and distribution. This subtask also included ongoing support services for the committee outside of the regular meetings.

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

- ◆ February 4, 2008 in Dearborn
- ◆ April 24, 2008 in Dearborn
- ◆ June 6, 2008 in Livonia
- ◆ December 4, 2008 in Southfield

C. ORGANIZATIONAL COMMITTEE

Although four (4) Organizational Committee meetings were planned, Staff support was provided for two meetings. Staff support for each meeting included (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), and meeting summary preparation and distribution. Ongoing support services for the committee outside of the regular meetings was also provided.

In 2008, the Organizational Committee continued to finalize the ARC Strategic Plan, finalized the ARC Purchasing Policy and revised the ARC Nominating Process Policy. Organizational Committee/Strategic Plan Subcommittee meetings were held on January 16, 2008 in Bloomfield Township and April 17, 2008 in Plymouth Township.

D. PUBLIC INVOLVEMENT AND EDUCATION (PIE) COMMITTEE

Staff support was 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 provided ongoing support services for the committee outside of regular meetings.

PIE meetings were held on the following dates:

- ◆ January 17, 2008, Northville Township
- ◆ April 17, 2008, Livonia
- ◆ July 10, 2008, Beverly Hills
- ◆ October 16, 2008, Southfield

The PIE staff also helped plan Rouge 2008 and produced a power point presentation about the ARC accomplishments that was presented to 150 community representatives, business community and local elected officials at the University of Michigan-Dearborn on October 24, 2008.

Specific PIE activities are listed under Task 3.

E. TECHNICAL COMMITTEE

Staff support was provided for eight (8) meetings (five meetings were budgeted). Activities included preparation of the agenda (under the direction of the Technical Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Ongoing support services for the committee outside of the regular meetings was also provided.

Technical Committee Meetings were held in Farmington Hills on the following dates:

- ◆ January 3, 2008
- ◆ March 19, 2008
- ◆ May 12, 2008
- ◆ June 18, 2008
- ◆ July 30, 2008
- ◆ August 20, 2008
- ◆ October 8, 2008
- ◆ December 3, 2008

The primary activity conducted by the Technical Committee in 2008 was oversight of the updated watershed management plan. Specific tasks are listed under Task 4.

F. SUBWATERSHED ADVISORY GROUPS (SWAGS)

Staff support was provided for four (4) meetings for three combined SWAGs (two meetings per SWAG was budgeted, however SWAGs were combined for the purposes of the watershed management process.) An additional SWAG meeting was held for SWAGs to rank Round IX Rouge Program Office grants. Staff support included 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. ECT provided technical assistance to members in meeting their Watershed Based Storm Water NPDES permit requirements. Staff also provided ongoing support services for the committee outside of the regular meetings.

SWAG meetings were held on the dates listed below. The primary focus of SWAG meetings in 2008 was to work on the updated Rouge River Watershed Management Plan.

ARC 2008 SWAG MEETINGS AND TOPICS*

SWAG	Goals and Objectives Desired Uses	Ecology and Flow	Water Quality	Characteristics, Existing Conditions and Potential Actions and Prioritizations
Middle 3/Lower 2 SWAG	Feb. 28, 2008	May 8, 2008	Sept. 4, 2008	October 2, 2008
Main 3-4 SWAG*	March 5, 2008	“ “	“ “	“ “
Main 1-2 SWAG	March 4, 2008	April 29, 2008	Sept. 3, 2008	October 14, 2008
Upper SWAG*	February 27, 2008	“ “	“ “	“ “
Lower 1/Middle 1 SWAG	Feb. 28, 2008	April 24, 2008	Sept. 4, 2008	October 2, 2008

Note: The Main 3-4 SWAG combined with the Middle 3/Lower 2 for the purposes of watershed management planning after its March meeting. The Upper SWAG combined with the Main 1-2 SWAG for purposes of watershed management planning after its February meeting.

* The seven Rouge River Watershed SWAGs also met in July to rank Rouge Program Office Round IX grant submittals for their subwatersheds.

G. FINANCE COMMITTEE

ECT worked with the Finance Committee to develop and administer the annual budget and work plan. ECT prepared monthly financial reports. ECT facilitated up to three (3) Finance Committee meetings by preparing the agenda, distributing materials prior to the meetings, and preparing/distributing meeting summaries to appropriate parties.

Finance Committee meetings were held at Wayne County’s Commerce Court office in Wayne on the following dates:

- ◆ February 28, 2008
- ◆ May 9, 2008
- ◆ November 6, 2008

H. ONGOING SUPPORT SERVICES

ECT provided ongoing support services to the above committees and SWAGs on an as-needed basis.

TASK 2: ADVOCACY AND ADMINISTRATION

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

There were no FOIA requests submitted to the ARC in 2008.

B. ROUTINE DISTRIBUTION OF MATERIALS

Materials distributed in 2008 included all meeting materials for the ARC Executive Committee, the ARC, the PIE, Technical, Organizational/Strategic Planning, and Finance Committees and all special meetings. Staff also distributed materials related to permit discussions with MDEQ; watershed management planning documents and flyers for upcoming events.

C. ARC WEBSITE MAINTENANCE

(Please see PIE Activities listed in Task 3)

D. ADVOCATE FOR ROUGE RIVER WATERSHED & PRIMARY LIAISON

ECT promoted the ARC as the advocate for the Rouge River Watershed, served as the primary spokesperson for the ARC, responded to requests for information and sought opportunities to promote ARC awareness. ECT served as the ARC primary liaison to all members, including both formal and informal interaction with government officials, legislators and staff on a regular basis. The Executive Director spent much of 2008 on two tasks:

Draft MDEQ Watershed Permit:

Beginning in January, the Executive Director participated in various conference calls and Phase II permit negotiation meetings with MDEQ, the Phase II committee, Wayne County, Oakland County, SEMCOG and attorneys representing communities who were contesting the permit.

Watershed Management Plan Update:

The Executive Director oversaw the development of the WMP, including reviewing chapters, editing text and participating in public participation meetings. He presented information about the WMP at the Rouge 2008 event at University of Michigan on October 24, 2008 and at the Friends of the Rouge Annual Meeting on December 4, 2008.

Additionally, ARC Executive Director Jim Ridgway testified on May 12, 2008 before the Congressional Subcommittee on Water Resources and the Environment in Port Huron. He also met twice with the USACE regarding funding opportunities for the ARC.

E. QUICK BOOKS SETUP AND MONTHLY TRACKING

In 2008, ECT created a reporting and tracking system in consultation with Wayne County to use when the ARC took over financial tracking from Wayne County, which had served as the ARC's fiduciary. The ARC ED staff began the transition of taking over the ARC financing, dues collection and other financial activities from Wayne County.



F. ADMINISTRATIVE OVERSIGHT & CONTRACTOR MANAGEMENT

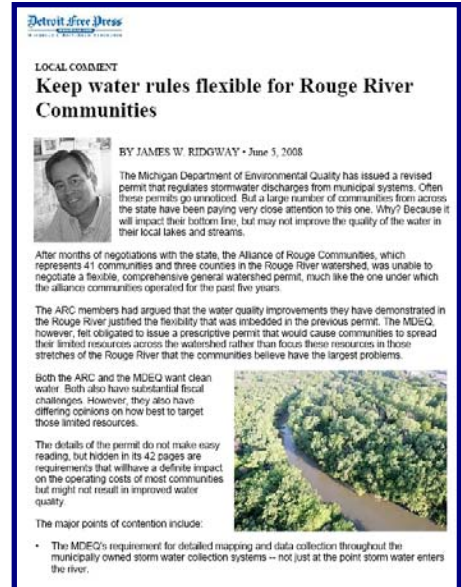
ECT provided administrative oversight of the ARC day-to-day activities, staff, consultants and contractors, and external relationships with other agencies, organizations, and individuals to meet the goals of the ARC. Specific activities were discussed in monthly invoice summaries.

G. ARC MARKETING & COMMUNICATIONS STRATEGY

The Marketing and Communications Strategy was developed as part of the Strategic Planning effort conducted by the ARC with staff support by ECT in 2007-08. The draft Strategic Plan was approved by the ARC Executive Committee in January, 2008 and ECT oversaw the implementation of the ARC marketing and communications strategy.

The following press releases/newspaper stories occurred:

- May 15, 2008: The ARC distributed a press release regarding nutrients in the Great Lakes.
- June 5, 2008: ARC Executive Director, Jim Ridgway wrote the Free Press Opinion Page piece: *Keep Water Rules Flexible for Rouge Communities*.
- September, 2008: The Executive Director appeared in the Rouge Watershed Video created by Farmington Hills.



H. ANNUAL REPORT

The 2007 ARC annual report was completed and submitted to the ARC on April 1, 2008.

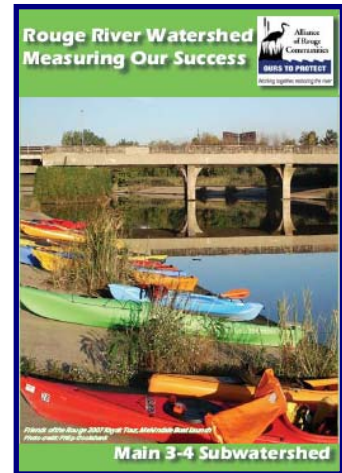
TASK 3: PIE COMMITTEE TASKS

A. MAIN 3-4 MEASURING OUR SUCCESS POSTERS

The final of seven subwatershed-based "Measuring Our Success" poster, which was focused on the Main 3-4 Subwatershed was completed and distributed to 150 attendees at the Rouge 2008 event at University of Dearborn on October 24, 2008 and to the following communities/organizations: Allen Park, River Rouge, Dearborn, Redford Township, Dearborn Heights, Wayne County, University of Michigan- Dearborn, Henry Ford Community College and Friends of the Rouge.

B. PLANNING COMMITTEE OVERSIGHT

This committee reviews the PIE Committee's goals and objectives and oversees the budget process for the PIE Committee. The Planning Committee met on July 31, 2008 in the City of Southfield to discuss potential 2009 PIE Committee tasks. A subsequent conference call was held on August 6, 2008 with the committee co-chairs, Noel Mullett, Wayne County Department of Environment and Amy Ploof, Oakland County Drain Commissioner's office. The proposed 2009 PIE Committee budget was sent to PIE Committee members for comment, and finalized by the ARC on September 23, 2008.



C. HOUSEHOLD HAZARDOUS WASTE EDUCATION

The HHW Education Subcommittee finalized the web-based HHW guide for ARC communities and provided a web-based list of 2008 HHW collection days.



D. SEPTICS SYSTEM MAINTENANCE REMINDER POSTCARD

Staff facilitated a meeting with the Septics Subcommittee on February 15, 2008 in Livonia to begin designing the education piece. Staff began researching available septic system maintenance educational items and graphics.

E. INFORMATION PACKETS

Public education materials were distributed to communities in January, 2008. Additionally, a video about the Rouge Watershed Management Update activities was distributed to ARC communities in November and December, 2008.

F. WEBSITE DESIGN, CONTENT AND FEES

The ARC website homepage was redesigned in 2008. The website was used to post a survey of watershed concerns for visitors to complete as part of the public participation process during the watershed management planning process. The website also offered a password-protected page for ARC members to use to review chapters of the draft Watershed Management Plan. The Website is maintained monthly. Additionally, the monthly hosting fee for the website was paid.



G. NUTRIENT REDUCTION CAMPAIGN (TASK ADDED MID-2008)

The PIE Committee amended its budget in mid-2008 to provide funding for a Fall Nutrient Reduction Campaign through Wayne County and Oakland County. Nutrient Reduction advertising appeared 12 times in the Observer & Hometown newspapers, (August, September, October, & November 2008).

1,662 (30 second) *cable television ads* appeared through Comcast Cable. The Public Service Announcements used Southeast Michigan Partners for Clean Water 7 *Simple Steps to Clean Water* education campaign. The ads were titled “Fertilize Sparingly and Caringly” and “Choose Earth Friendly Landscaping.” The viewing areas include the zones of Birmingham, Canton, Dearborn, and Livonia -- please note that each Zone contains many surrounding communities.



H. ROUGE VIDEO (TASK ADDED MID-2008)

The City of Farmington Hills offered to tape a video to explain the watershed management planning process, the goals of the watershed management plan and highlighted various storm water projects the communities and other stakeholders conducted since the last watershed management planning process. Highlighted projects included:

- Lathrup Village/Southeastern Oakland County Water Authority (SOCWA) residential rain gardens;
- Troy Firefighters Park stream bank stabilization;

- ◆ The City of Southfield’s ongoing activities to preserve and protect valuable riparian corridor;
- ◆ The Shiawassee Park woody debris management project conducted by Friends of the Rouge and the cities of Farmington and Farmington Hills;
- ◆ The Office of the Oakland County Water Resources Commissioner construction of three combined sewer overflow retention basins;
- ◆ Canton Township’s Lower Rouge Recreational Trail
- ◆ Dearborn’s use of storm water best management practices, including rain gardens and a wetland detention pond, to treat storm water runoff from its Department of Public Works yard, and,
- ◆ The Rouge Gateway Partnership.



TASK 4: WATERSHED MANAGEMENT PLAN (WMP) UPDATE

A. EVALUATE AND SUMMARIZE WATERSHED CHARACTERISTICS

Evaluation of watershed characteristics included reviewing past subwatershed management plans, existing baseline data and a variety of existing reports. This evaluation was completed during January – March.

B. DEVELOP WATER QUALITY IMPROVEMENT GOALS AND LOAD REDUCTIONS

Rouge SWAG meetings were held in March- April 2008 to review the goals in the existing subwatershed management plans, review potential draft goals and determine final draft watershed goals for the updated WMP.

In November, Applied Science, Inc. (ASI) input volume reduction targets developed by ECT into the watershed management model (WMM) to develop load reduction estimates for the river.

C. PRIORITIZE CRITICAL AREAS AND IMPLEMENTATION ACTIONS

Critical areas were determined by using existing water quality data, USGS gauge data and the updated WMM. ASI completed a flow study and updated the WMM. Superior Environmental Aquatic Systems (SEAS) was hired to compile information on stream habitat, fish and macroinvertebrates. Meetings were conducted with ASI, SEAS and MDEQ. ECT compiled existing water quality data and presented it in a table categorized as general improving, decline or no change. This was ongoing from March-October 2008.

This management plan was built upon past successes with a future focus on volume control with targeted areas for reduction and elimination of pathogens. ECT asked ARC members to forward any specific activities (i.e. wish list) and/or studies with potential activities they would like included in the WMP. ECT prioritized activities as high, medium, or low based on pollutant priority, such as bacteria, flow/volume, sediment, and nutrients and staging sequence. This was ongoing from April – December.

D. TECHNICAL AND FINANCIAL ASSISTANCE

ECT compiled technical and financial assistance information from recent sources, such as local watershed management plans, EPA and MDEQ websites. This information included BMP

implementation and maintenance costs gathered from 2005-2007 information, available technical resources from partner organizations and potential funding sources. This was ongoing from April – May.

E. PUBLIC PARTICIPATION AND INVOLVEMENT

The Public Participation Plan was approved on May 6, 2008 at the full ARC meeting in Novi. The plan called for three public presentations around the watershed to explain the planning process, discuss the draft watershed management plan (WMP) goals and objectives and seek input. Participants viewed various displays, listened to a presentation about the WMP, engaged in a discussion about the goals and objectives and completed the one-page survey. The WMP presentation was identical for each workshop, except specific projects highlighted were from the subwatershed that the meetings targeted. The meetings took place in June, 2008. Notices for the meetings were posted on the ARC website and also on community websites. Additionally, some communities put information about the meetings in their local newsletters and contacted the local media. A brief synopsis is included below. A fourth public meeting, Rouge 2008 at the University of Michigan-Dearborn, was held October 24, 2008.



Rouge River Watershed Public Meeting

WE NEED YOUR INPUT.....

Come see how your activities and ideas can shape the future of our river!

CHOOSE FROM THESE DATES AND LOCATIONS:

Thursday, June 12, 2008 Riverside Middle School 25500 West Warren, Dearborn Heights (at Beech Daly Rd.)	Meeting Agenda 6:30-7:00pm Registration 7:00pm-8:30pm Presentation & Break-Out Sessions
Monday, June 23, 2008 Plymouth Township Hall 9655 N. Haggerty Road (north of Arn Arbor Rd.)	
Tuesday, June 24, 2008 William M. Costick Activities Center 25600 Eleven Mile Road, Farmington Hills (between Middlebelt & Inkster)	

Please RSVP at least two days before the meeting to:
Chris O'Meara at 734-272-0289
or
rsvp@allianceofrougecommunities.com
(be sure to indicate the date you will attend)

If you are unable to attend one of the public meetings, please fill out our online survey at www.allianceofrougecommunities.com after May 20

Working together, restoring the river

Refreshments Provided

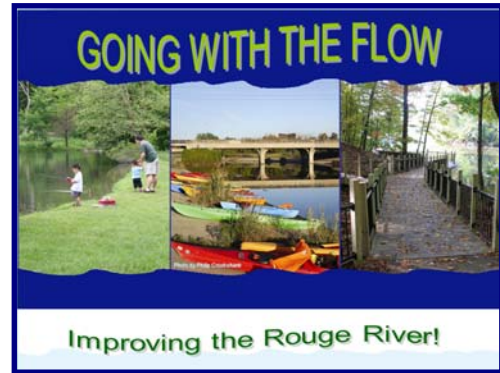
June 12, 2008, Riverside Middle School, Dearborn Heights (co-hosted by the Dearborn Heights Watershed Stewards Commission); 10 attendees: This public meeting was targeted at the communities within the Main 3-4, Lower 2 and Middle 3 Subwatersheds, which are located in the more urban, developed area of the watershed. Executive Director Jim Ridgway made a presentation to 10 attendees that outlined the goals of the current watershed management plan, what was accomplished and discussed the draft goals for the updated plan. When asked what their concerns were, the participants expressed a desire for more paths along the riparian corridor in the Middle 3 Subwatershed and better access to the riparian corridor along Hines Drive that is managed by the Wayne County Parks. Participants completed the surveys. Despite the expressed need for more access to the riparian corridor and better stewardship of the riparian corridor within Wayne County Parks, participants ranked the goal "Reduce sources of pollution that threaten public health" to be their number one concern. They ranked "Protect, restore and/or enhance natural features to maintain/improve river and watershed ecosystems," as number 2. The goal "Maximize community assets related to the watershed," which reflected their comments about providing access to the riparian corridor was ranked number 5 out of 6 watershed goals.

June 23, 2008, Plymouth Township Hall (co-hosted by Plymouth Township); 22 attendees: This public meeting was aimed at the communities within the Lower 1 and Middle 1 Subwatersheds, which are located in the headwaters area of the watershed. The presentation was made by Noel Mullett from the Wayne County Department of Environment. During the question and answer period, attendees expressed concern about the loss of woodlands and wetlands and the impacts of soil erosion. There was a limited discussion about the impact of flow on the river. The ranking of the draft WMP goals reflected this as the group identified "Protect, restore and/or enhance natural features to maintain/improve river and watershed ecosystems." However, the group ranked water quality as its number one issue with habitat being ranked as the second most important issue.

June 24, 2008 William Costick Center, Farmington Hills (co-hosted by Farmington Hills); 20 attendees: This public meeting was aimed at stakeholders in the Upper and Main 1-2 Subwatersheds, which are

located in the developing areas of the watershed and include headwaters in the northern portion of the Main 1-2 Subwatershed. The presentation was made by Jennifer Lawson, City of Troy and chairperson of the ARC Public Involvement and Education Committee. The group had a very spirited discussion about public health concerns and water quality and the need to address the flashiness of the river flow. The group identified “Reduce runoff impacts through sustainable storm water management strategies and programs,” as its number one goal. Water Quality was identified as this group’s number one issue.

October 24, 2008 Rouge 2008 at University of Michigan-Dearborn, 150 attendees. Finally, the survey was distributed at the Rouge 2008 event, a legislative briefing held annually at the University of Michigan-Dearborn for legislators and representatives from local and county government, industry and business, education and stewardship organizations. Participants were able to view a dozen displays from watershed communities and counties and stewardship groups. The program included presentations on community projects, Rouge River water quality, ARC activities and initiatives being conducted by local business and industry located in the lower portion of the Rouge River’s Main Branch. Some 26 surveys were returned after the presentations. This group ranked “Reduce sources of pollution that threaten public health,” as its number one goal and Water Quality as its number one issue.



F. ACTION IMPLEMENTATION TIMEFRAME/INTERIM MEASURABLE MILESTONES

After ECT compiled actions, implementation timeframes (short or long) were assigned to each action from existing information or general knowledge. This was ongoing in November-December.

The short-term and long-term goals were finalized through meetings with ASI and the ARC Technical Committee. This was completed in December.

G. CRITERIA FOR ACHIEVING LOAD REDUCTIONS/MONITORING PLAN COMPONENT

MDEQ/319 approval requires criteria to determine whether or not load reductions are being achieved and a monitoring component to evaluate the effectiveness of implementation. These watershed management plan components were already developed through other programs within the watershed.

The Rouge Project originally developed a water quality ranking system that categorized each sampling location as good, fair, or poor by parameter for dry weather conditions. This ranking system will be used to determine if load reductions are being achieved within the watershed. This was completed in March.

ECT assisted the ARC Technical Committee by updating the overall watershed monitoring plan for 2009-2013. This monitoring plan fulfills both the monitoring plan requirement of the WMP and storm water permit. This was completed March – August.

H. DRAFT AND FINAL WATERSHED MANAGEMENT PLANS (WMP)

ARC Executive Director staff drafted chapters of the WMP from May-September, 2008. Draft chapters of the WMP were available to ARC members on the ARC website via a password-protected site beginning in September, 2008. The plan was available for a 30-day public comment period beginning on November 27, 2008. The final WMP was transmitted to the Michigan Department of Environmental Quality on January 9, 2009.

This plan represents a yearling effort by the Alliance of Rouge Communities (ARC) to update and consolidate seven subwatershed management plans completed in 2001 into one sustainable Rouge River Watershed Management Plan. It builds on the successes of the past while laying the groundwork for the future.

The overall characteristics and conditions of the Rouge River Watershed demonstrate that much progress has been made in improving water quality over the last decade. Figure E-1 shows improvement in dissolved oxygen in the river due to millions of dollars of restoration efforts across the watershed. Dissolved oxygen is needed to support a healthy waterway and supports fish and aquatic life in the river. Since 1998, the percent of samples with dissolved oxygen concentrations meeting or exceeding the State minimum standard of 5 mg/L has been increasing.

Figure E-1: DO Concentrations

Year	Percent of Values
1994	60
1995	65
1996	68
1997	70
1998	72
1999	75
2000	78
2001	80
2002	82
2003	85
2004	88
2005	90
2006	92
2007	95
2008	98

This is due in large part to the control of untreated sewage being discharged to the Rouge River. Nutrient loads from combined sewer overflows have been cut by 90 to 100 percent during most rain events. Other water quality parameters which were once frequently exceeded in the Rouge River prior to these restoration efforts now meet a majority of water quality standards. The ecosystem health also continues to improve, as is often demonstrated by more frequent sightings of sensitive fish and aquatic life species.

Challenges still remain with managing flow variability, including both low rates and storm water runoff volume, along with bacterial loading in wet weather conditions. This watershed management plan includes a variety of identified projects and management strategies to that will continue to improve Rouge River water quality, aesthetics and recreational opportunities.

Executive Summary

Rouge River Watershed Management Plan

The Rouge River watershed covers 456 square miles of southeast Michigan and is home to more than 1.3 million people in parts Oakland, Wayne and Washtenaw counties. The watershed's 48 communities comprise a diversity of land uses from the urbanized areas of Troy, Canton Township and Niles, to the rural areas of Solon, Superior and Van Duren townships.

Alliance of Rouge Communities

OURS TO PROTECT

Working together, restoring the river

E-1

Executive Summary
Rouge River Watershed Management Plan
December 9, 2008

Executive Director 2008 Annual Report
March 26, 2009

10

ECT
Environmental Consulting & Technology, Inc.

ALLIANCE OF ROUGE COMMUNITIES

DRAFT Conflict of Interest Policy

ARTICLE I

PURPOSE

The purpose of this Conflicts of Interest Policy (the “*Policy*”) is to protect the interests of the Alliance of Rouge Communities (the “*Corporation*”) when it is contemplating entering into a transaction or arrangement that might benefit the private interest of an officer, member of the Executive Committee or other Committee or member of the Corporation. This Policy is intended to supplement but not replace any applicable state laws governing conflicts of interest applicable to nonprofit and charitable corporations.

ARTICLE II

DEFINITIONS

1. Interested Person.

Any officer, member or member of a committee with powers delegated by the members or the Executive Committee (the “*Executive Committee*”) who has a direct or indirect financial interest, as defined below, is an interested person

2. Financial Interest.

A person has a financial interest (“*financial interest*”) if the person has, directly or indirectly, through business, investment or family:

- a. an ownership or investment interest in any entity with which the Corporation has a transaction or arrangement, or
- b. a compensation arrangement with the Corporation or with any entity or individual with which the Corporation has a transaction or arrangement, or
- c. a potential ownership or investment interest in, or compensation arrangement with, any entity or individual with which the Corporation is negotiating a transaction or arrangement.

Compensation includes direct and indirect remuneration as well as gifts or favors that are substantial in nature.

A financial interest is not necessarily a conflict of interest (“*conflict of interest*”). Under Article III, Section 2 of this Policy, a person who has a financial interest shall have a conflict of interest only if the Executive Committee or other appropriate committee decides that a conflict of interest exists.

ARTICLE III
PROCEDURES

1. Duty to Disclose.

In connection with any actual or possible conflicts of interest, an interested person must disclose the existence of his or her financial interest and all material facts to the Executive Committee and the members of committees with Executive Committee-delegated powers considering the proposed transaction or arrangement.

2. Determining Whether a Conflict of Interest Exists.

After disclosure of the financial interest and all material facts, and after any discussion with the interested person, he or she shall leave the Executive Committee or other committee meeting while the determination of whether a conflict of interest exists is discussed and voted upon. The remaining Executive Committee or other committee members shall decide if a conflict of interest exists.

3. Procedures for Addressing the Conflict of Interest.

a. An interested person may make a presentation at the Executive Committee meeting or other committee meeting, but after such presentation, he/she shall leave the meeting during the discussion of, and the vote on, the transaction or arrangement that may result in a conflict of interest.

b. If the Executive Committee or other committee determines that a conflict of interest does exist, then:

(i) The Chair shall, if appropriate, appoint a disinterested person or committee to investigate alternatives to the proposed transaction or arrangement.

(ii) After exercising due diligence, the Executive Committee or other committee shall determine whether the Corporation can obtain a more advantageous transaction or arrangement with reasonable efforts from a person or entity that would not give rise to a conflict of interest.

(iii) If a more advantageous transaction or arrangement is not reasonably attainable under circumstances that would not give rise to a conflict of interest, the Executive Committee or other committee shall determine by a majority vote whether the transaction or arrangement is in the Corporation's best interest and for its own benefit and whether the transaction is fair and reasonable to the Corporation and shall make its decision as to whether to enter into the transaction or arrangement in conformity with such determination.

4. Violations of the Policy.

a. If the Executive Committee or other committee has reasonable cause to believe that a member, officer, member of the Executive Committee or member of another committee has failed to disclose actual or possible conflicts of interest, it shall inform such person of the basis for such belief and afford such person an opportunity to explain the alleged failure to disclose.

b. If, after hearing the response of such person and making such further investigation as may be warranted in the circumstances, the Executive Committee or other committee determines that such person has in fact failed to disclose an actual or possible conflict of interest, it shall take appropriate disciplinary and corrective action.

ARTICLE IV

RECORDS OF PROCEEDINGS

1. The minutes of the Executive Committee and all committees with Executive Committee-delegated powers shall contain:

a. The names of the persons who disclosed or otherwise were found to have a financial interest in connection with an actual or possible conflict of interest, the nature of the financial interest, any action taken to determine whether a conflict of interest was present, and the Executive Committee's or other committee's decision as to whether a conflict of interest in fact existed.

b. The names of the persons who were present for discussions and votes relating to the transaction or arrangement, the content of the discussion, including any alternatives to the proposed transaction or arrangement, and a record of any votes taken in connection therewith.

ARTICLE V

COMPENSATION COMMITTEES

A voting member of the Executive Committee or any other committee whose jurisdiction includes compensation matters and who receives compensation, directly or indirectly, from the Corporation for services is precluded from voting on matters pertaining to that member's compensation.

ARTICLE VI

ANNUAL STATEMENTS

Each officer, member, member of the Executive Committee, and member of a committee with Executive Committee-delegated powers shall annually sign a statement which affirms that such person:

- a. has received a copy of the Policy,
- b. has read and understands the Policy,
- c. has agreed to comply with the Policy, and
- d. understands that the Corporation is a charitable organization and that in order to maintain its federal tax exemption it must engage primarily in activities which accomplish one or more of its tax-exempt purposes.

ARTICLE VII

PERIODIC REVIEWS

To ensure that the Corporation operates in a manner consistent with its charitable purposes and that it does not engage in activities that could jeopardize its status as an organization exempt from federal income tax, periodic reviews shall be conducted. The periodic reviews shall, at a minimum include the following subjects:

- a. Whether compensation arrangements and benefits are reasonable and are the result of arm's-length bargaining.
- b. Whether partnership and joint venture arrangements and arrangements with other organizations conform to written policies, are properly recorded, reflect reasonable payments for goods and services, further the Corporation's charitable purposes and do not result in inurement or impermissible private benefit.
- c. Whether agreements to provide services and agreements with other organizations further the Corporation's charitable purposes and do not result in inurement or impermissible private benefit.

ARTICLE VIII

USE OF OUTSIDE EXPERTS

In conducting the periodic reviews provided for in Article VII, the Corporation may, but need not, use outside advisors. If outside experts are used, their use shall not relieve the Executive Committee of its responsibility for ensuring that periodic reviews are conducted.

This Policy was adopted on the ___ day of _____, 2009.

To: Alliance of Rouge Communities (ARC) Executive Committee

From: Gary Zorza, Vice-Chair, ARC Technical Committee

RE: Suggested Contract Approval Procedures for the ARC

Date: April 10, 2009

The Technical Committee recognizes a need to develop contract approval procedures beyond what is listed in the ARC's Purchasing Policy for purchases above \$20,000. The purpose of this memorandum is to suggest a contract approval procedure to the Executive Committee for immediate use in hiring the recommended Land Cover Survey contractor. Further, it could form the basis for crafting a procedure for hiring future contractors or purchases above \$20,000.

Once a contractor has been selected for recommendation to the Executive Committee, the following procedure is recommended:

1. The Committee/subcommittee responsible for the contractor selection presents a written contractor recommendation to the Executive Committee. The recommendation should include the number of bids/proposals received, the names of the individuals or firms, the bid amounts and/or estimated cost of services, the approved budget, the rationale for selection, and any other pertinent detail considered during the selection process.
2. If the Executive Committee agrees with the recommendation, it would authorize the Executive Director to develop a contract between the ARC and the recommended contractor, within the limits of the approved budget for the task.
3. The draft contract language is reviewed, modified and approved by a contract review subcommittee comprised of the following: the ARC Chair (or his/her designated officer), the Executive Director (or his/her designee), a representative from the Wayne County DOE (for those contracts that are funded by the federal Rouge grant), the Committee Chair who issued the RFP upon which the contract is based (or his/her designee) and any other ARC member at the request of the Executive Committee, Committee Chair or contract review subcommittee.
4. Upon approval by the subcommittee, the final contract is sent to both the Executive Director and the ARC Chair (or his/her designated officer) for signature. Two copies of the approved contract are to be sent to the contractor for execution. The contractor is to return one copy of the executed contract to the ARC Executive Director. The Executive Director will send an executed copy to the Wayne County DOE for those contracts that are funded by the federal Rouge grant.



Working together, restoring the river

James W. Ridgway, P.E.
Executive Director

To: ARC Executive Committee
From: Gary Zorza, Technical Committee Vice-Chair, Farmington Hills
Date: April 14, 2009
Re: ARC Land Cover Inventory Contractor Recommendation (Tech Committee Line Item TC3)

Based on recommendations from the PIE and Technical committees, the ARC authorized acquisition of a land cover inventory in the 2009 budget. The Technical Committee was assigned the task of acquiring the land cover inventory and \$85,000 was approved in the budget for this task.

On behalf of the ARC, the Executive Director and Technical Committee developed and issued a Request for Proposals for the Land Cover Inventory on February 17, 2009. Eight proposals were received on March 5, 2009 from the contractors listed on the attached spreadsheet.

A review committee was formed from a cross section of technical and community representatives. The following people volunteered to be on the review committee:

- Gary Zorza, Farmington Hills, Technical Committee Vice-Chair
- Jim Zoumbaris, City of Livonia
- Steve Perry, SEMCOG GIS
- Anita Campbell, Oakland County GIS/IT
- Andra Mealey, Wayne County DOE GIS
- Noel Mullett, Wayne County DOE
- Annette DeMaria, ARC Executive Staff, Technical Committee Representative
- John Bona, ECT
- Demetria Janus, ARC Executive Staff, Land Cover Project Manager

The review committee evaluated the proposals in accordance with the provisions in the RFP. Scoring criteria was provided to review committee members by the ARC staff to assist in the evaluation and selection process. Based on the RFP evaluation and scoring compilation, a conference call was held to determine how to proceed with the selection and award as there were several land cover classification alternatives solicited. It was the consensus of the committee members that the top two ranked contractors, Sanborn and Michigan Tech Research Institute (MTRI), be invited to an interview. In addition, the review committee agreed to just acquire the level 1 land cover classifications (i.e. impervious, woody, non-woody vegetation, barren, water) and forego the level 2 classifications (i.e. further classification of the woody and non-woody vegetation classifications) at this time. This decision was based on cost and the determination that there would be limited benefits gained from the level 2 classifications.

Allen Park
Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Inkster
Lathrup Village
Livonia
Melvindale
Northville
Northville Twp.
Novi
Oakland County
Oak Park
Orchard Lake
Plymouth
Plymouth Twp.
Pontiac
Redford Twp.
Rochester Hills
Romulus
Southfield
Superior Twp.
Troy
Van Buren Twp.
Walled Lake
Washtenaw County
Wayne
Wayne County
Wayne County Airport Authority
West Bloomfield Twp.
Westland
Wixom
Ypsilanti Twp.

4/14/2009

Page 2

The interviews took place on April 3, 2009 at Farmington Hills. The interviews gave the review committee a better understanding of each candidate's project understanding, capabilities, deliverables and communication strategy. There was unanimous consensus from the review committee members participating in the interview that both contractors have the capability to provide a comparable land cover inventory. The review committee recognized that Sanborn has extensive knowledge in land cover inventory, specifically in Southeast Michigan; however, it was the opinion of the review committee that they had minimal value added services for the price difference (\$72,121 vs. MTRI's \$34,260).

Therefore, the Technical Committee is recommending that Michigan Tech Research Institute be awarded the ARC Land Cover Inventory Contract in the amount of \$34,260. This price includes acquisition of the land cover inventory classes for non-ARC member communities (88 SQ. MI.) in the Rouge Watershed at a cost of \$2,008. ARC member communities with area beyond the Rouge will be given the option in advance of the work to acquire the land cover inventory classes at a price of \$15 per SQ. MI. which is recommended to be paid to the ARC by a date to be established by the Executive Director. Due to the \$38,000 cost differential between MTRI and the second highest ranked bidder (Sanborn), the Technical Committee is also recommending that a contract payment schedule be set up to ensure that MTRI provides the level of detail specified in the RFP.

Additional detail regarding pricing and evaluations are attached.

Alliance of Rouge Communities
 Land Cover RFP Evaluation
 RFP-FH-08-09-1492
 Overall Ranking

Name	ARC	SEMCOG	Livonia	WC-GIS	Farm. Hills	WCDOE	Average
Sanborn	16	17.5	14.8	18.4	16.65	16.6	16.66
Michigan Tech Research	16.7	16	19.05	17.25	16.7	13.75	16.58
Consulting Engineering Associates, Inc.	16.7	14.5	17.55	15.85	15.3	11.8	15.28
Pixxures	13.8	10.25	14.05	16.5	13.85	14.2	13.78
Environ	15.6	9.5	18.85	12.25	12.9	8.95	13.01
Davey Resource Group	11.75	7.75	13.95	6.5	9.4	10.05	9.90
Beckett & Raeder	12.8	6.5	18.45	8.25	10	2.5	9.75
JF New	7.25	4.75	15.65	8	6.6	8.45	8.45

Alliance of Rouge Communities
Land Cover Proposal Bid Tab

*Davey Resource
Group*

Pixxures

Sanborn

JF New

*Consulting
Engineering*

Michigan Tech

Beckett & Raeder

Environ

TASK	AMOUNT	UNIT
Level 1 Land Cover Classification	466	SQ MI
ARC Technical Committee Presentation	1	LS
Community Datasets	45	EA
Comprehensive Datasets	5	EA
TOTAL		
DEDUCTION (88 SQ MI)		

PRICE	TOTAL
\$308.00	\$143,528.00
\$2,360.00	\$2,360.00
\$120.00	\$5,400.00
\$26.00	\$130.00
	\$151,418.00
	\$27,104.00

PRICE	TOTAL
\$125.00	\$58,250.00
\$1,200.00	\$1,200.00
\$58.00	\$2,610.00
\$280.00	\$1,400.00
	\$63,460.00
	\$11,000.00

PRICE	TOTAL
\$146.15	\$68,105.90
\$2,903.02	\$2,903.02
\$22.25	\$1,001.25
\$22.25	\$111.25
	\$72,121.42
	\$12,861.60

PRICE	TOTAL
\$110.25	\$51,376.50
\$900.00	\$900.00
\$120.00	\$5,400.00
\$120.00	\$600.00
	\$58,276.50
	\$7,150.00

PRICE	TOTAL
\$182.40	\$84,998.40
NC	NC
NC	NC
NC	NC
	\$84,998.40
	Included

PRICE	TOTAL
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$34,260.00
	\$2,008.00

PRICE	TOTAL
\$62.77	\$29,250.82
\$1,250.00	\$1,250.00
\$12.22	\$549.90
\$30.00	\$150.00
	\$31,200.72
	\$5,850.72

PRICE	TOTAL
\$50.37	\$23,472.42
\$2,613.60	\$2,613.60
\$185.84	\$8,362.80
\$196.52	\$982.60
	\$35,431.42
	\$7,087.00

ADDITIONAL TASK #1 - LEVEL 2 WOODY VEGETATION (SHRUBS & TREES)

TASK	AMOUNT	UNIT
Level 2 Land Cover - Shrubs	466	SQ MI
Level 2 Land Cover - Trees	466	SQ MI
TOTAL		
DEDUCTION (88 SQ MI)		

PRICE	TOTAL
\$27.66	\$12,889.56
\$27.66	\$12,889.56
	\$25,779.12
	\$3,484.00

PRICE	TOTAL
\$16.00	\$7,456.00
\$16.00	\$7,456.00
	\$14,912.00
	\$2,816.00

PRICE	TOTAL
\$15.74	\$7,334.84
\$15.74	\$7,334.84
	\$14,669.68
	\$2,769.93

PRICE	TOTAL
\$46.30	\$21,575.80
\$46.30	\$21,575.80
	\$43,151.60
	\$3,080.00

PRICE	TOTAL
NC	NC
NC	NC
	Included
	Included

PRICE	TOTAL
	\$0.00
	\$0.00
	\$6,742.00
	\$669.00

PRICE	TOTAL
\$6.45	\$3,005.70
\$6.45	\$3,005.70
	\$6,011.40
	\$1,211.40

PRICE	TOTAL
\$8.58	\$3,998.28
\$8.58	\$3,998.28
	\$7,996.56
	\$1,598.00

ADDITIONAL TASK #2 - LEVEL 2 NON-WOODY VEGETATION (MOWED, UNMOWED & CROPLAND)

TASK	AMOUNT	UNIT
Level 2 Land Cover - Mowed	466	SQ MI
Level 2 Land Cover - Unmowed	466	SQ MI
Level 2 Land Cover - Cropland	466	SQ MI
TOTAL		
DEDUCTION (88 SQ MI)		

PRICE	TOTAL
\$25.04	\$11,668.64
\$25.04	\$11,668.64
\$25.04	\$11,668.64
	\$35,005.92
	\$5,255.00

PRICE	TOTAL
\$16.00	\$7,456.00
\$16.00	\$7,456.00
\$16.00	\$7,456.00
	\$22,368.00
	\$4,224.00

PRICE	TOTAL
\$11.25	\$5,242.50
\$11.25	\$5,242.50
\$11.25	\$5,242.50
	\$15,727.50
	\$2,969.80

PRICE	TOTAL
\$46.30	\$21,575.80
\$46.30	\$21,575.80
\$46.30	\$21,575.80
	\$64,727.40
	\$3,080.00

PRICE	TOTAL
NC	NC
NC	NC
NC	NC
	Included
	Included

PRICE	TOTAL
	\$0.00
	\$0.00
	\$0.00
	\$6,742.00
	\$669.00

PRICE	TOTAL
\$6.45	\$3,005.70
\$6.45	\$3,005.70
\$6.45	\$3,005.70
	\$9,017.10
	\$1,817.10

PRICE	TOTAL
\$6.80	\$3,168.80
\$6.80	\$3,168.80
\$6.80	\$3,168.80
	\$9,506.40
	\$1,902.00

ADDITIONAL TASK #3 - NON ROUGE RIVER WATERSHED CLASSIFICATION

TASK
Level 1 Land Cover Classification
Level 2 Land Cover - Shrubs
Level 2 Land Cover - Trees
Level 2 Land Cover - Mowed
Level 2 Land Cover - Unmowed
Level 2 Land Cover - Cropland

PRICE per SQ MI
\$220.00
\$17.00
\$17.00
\$17.00
\$17.00
\$17.00

PRICE per SQ MI
\$125.00
\$16.00
\$16.00
\$16.00
\$16.00
\$16.00

PRICE per SQ MI
\$146.15
\$15.74
\$15.74
\$11.25
\$11.25
\$11.25

PRICE per SQ MI
\$110.25
\$46.30
\$46.30
\$46.30
\$46.30
\$46.30

PRICE per SQ MI
\$165.00
NC
NC
NC
NC
NC

PRICE per SQ MI
\$15.00
\$15.00
\$15.00
\$15.00
\$15.00
\$15.00

PRICE per SQ MI
\$62.77
\$6.45
\$6.45
\$6.45
\$6.45
\$6.45

PRICE per SQ MI
\$57.93
\$9.86
\$9.86
\$7.82
\$7.82
\$7.82

Recovery Act - Rouge River Great Lakes Area of Concern Habitat Restoration Project

A Proposal submitted to the National Oceanic and Atmospheric Administration Coastal and Marine Habitat Restoration Project Grants under the American Recovery and Reinvestment Act (Federal Funding Opportunity NOAA-NMFS-HCPO-2009-2001709)

Submitted by the Great Lakes Commission – April 6, 2008

PROJECT SUMMARY

Applicant Organization: Great Lakes Commission. Contact: Matt Doss, Policy Director; 2805 S. Industrial Hwy., Suite 100; Ann Arbor, MI 48104-6791; phone: 734-971-9135; fax: 734-971-9150; email: mdoss@glc.org.

Project Title: *Recovery Act - Rouge River Great Lakes Area of Concern Habitat Restoration Project*

Site Location: Three sites located in Oakland and Wayne Counties, Michigan (City of Southfield; City of Farmington Hills; and City of Southfield and other parks owned by Wayne County).

Land Owner: Evans Creek Constructed Wetlands: Lawrence Technological University, 21000 W. Ten Mile Rd., Southfield, MI 48075; Danvers Pond Dam Removal and Riparian Corridor Improvements: City of Farmington Hills, 31555 W. Eleven Mile Rd., Farmington Hills, MI 48336; Rouge Green Corridors: City of Southfield, Parks and Recreation Department, 26000 Evergreen Rd., Southfield, MI 48037; & Wayne County Parks, 33175 Ann Arbor Trail, Westland, MI 48185.

On-the-ground Implementation

Start Date: August 2009.

Workforce Development, Job Creation and Socioeconomic

Impact: This project will immediately begin to support 56 jobs in construction, engineering, management and monitoring. The proposed project will cost a total of \$2,526,812, where the anticipated short term economic impact is between \$3,790,218 and \$6,317,030.

Recovery Act - Rouge River Great Lakes Habitat Restoration Project Jobs Created or Maintained by NAICS Code:				
Code	Business Activity	Labor Hours	Number of People Employed on Grant	Grant Funds Allocated to Business Activity
924120	Administration of Conservation Programs	3,775	10	\$239,198
813312	Environment, Conservation and Wildlife Organizations	480	1	\$55,100
541330	Engineering Services	1,900	10	\$213,994
541620	Environmental Consulting Services	2,700	14	\$303,900
541690	Other Scientific and Technical Consulting Services	205	1	\$23,080
237990	Other Heavy and Civil Engineering Construction	1,300	6	\$693,000
238910	Grading Construction Sites	800	2	\$404,200
424930	Nursery Stock Wholesalers	400	2	\$202,140
561730	Landscape Installation Services	800	10	\$392,200
Total Requested Grant Funds				\$2,526,812

Habitats to Benefit from the Project: Create and enhance diadromous fish habitat by removing in-stream migration barriers and restoring habitat needed for productivity; and advance restoration and “delisting” of the Rouge River AOC by implementing high priority projects needed to remove the loss of fish and wildlife habitat and degradation of benthos BUIs.

Project Scope: Evans Creek Constructed Wetlands: Restore wetlands and associated habitat; capture and store storm; establish environmental education site; Danvers Pond Dam Removal and Riparian Corridor Improvements: Remove impediment to fish movement and reduce sediment loading to the Rouge River; Rouge Green Corridors in Wayne County Parks and Oakland County: Establish green corridors and increase biodiversity and habitat.

Project Outcomes: Evans Creek Constructed Wetlands: Restore three acres of wetlands and associated habitat; capture and store 500,000 cubic feet of stormwater (20% of the first flush) of the upstream watershed; Danvers Pond Dam Removal and Riparian Corridor Improvements: Remove dam; provide fish passage; establish pools and riffles for fish habitat within a naturalized water course; Rouge Green Corridors in Wayne County Parks and Oakland County: Establish 50 acres of green corridor areas.

Project Timeline:

<i>Project Timeline</i>	<i>Evans Creek Constructed Wetland</i>	<i>Danvers Pond Dam Removal/Riparian Corridor Improvement</i>	<i>Rouge Green Corridors</i>
July 1 – Sept 30, 2009	Pre-construction monitoring	Permitting, Bidding, Construction	Design, Planting, Invasive Species inventory
Oct 1 – Dec 30, 2009	Final Engineering Permitting Construction	Stakeholder engagement	Stakeholder engagement
Jan 1 – March 31, 2010	Stakeholder engagement	Construction	Construction
April 1 – Oct 30, 2010	Construction	Construction, Post Construction Evaluation	Invasive Removal, Monitoring
2011-2015	Post Construction Monitoring	Post Construction Monitoring	Post Construction Monitoring

Permits and Approvals: Evans Creek Constructed Wetlands: Feasibility study completed; Permit application initiated; Danvers Pond Dam Removal and Riparian Corridor Improvements: Design and construction documents completed; Permit application initiated; Rouge Green Corridors in Wayne County Parks and Oakland County: Permit application initiated.

Federal Funds Requested & Non-Federal Match: \$2,526,812 & \$34,583, respectively.

Overall Project Cost: \$2,561,395.



SEMCOG . . . *Equipping local government leaders for the future*

established 1968

Southeast Michigan Council of Governments 535 Griswold Street • Suite 300 • Detroit, Michigan 48226-3602 • 313-961-4266 • Fax 313 961-4869
www.semco.org

ARC/ SEMCOG Discussion on Stormwater Issues

April 22, 2009

What outcomes we are trying to achieve:

1. Reducing costs
2. Increasing taxable value
3. Recreation opportunities
4. Meeting federal/state mandates

Four Legs to the Implementation Stool

1. Phase II Permit

- State Phase II Implementation Committee
- TMDL issues
- Learning across the region: Southeast Michigan Partners for Clean Water
- Alternative approaches (e.g., good housekeeping, support existing efforts)
- Community Pre-Audit assistance (e.g., pre-audit checklist/visit, audit participation)
- Review plans (e.g., SWPPI review)
- Materials and Training (e.g., public education, good housekeeping, post construction)
 - June 19th Native Landscape maintenance training at Southfield Library (onsite demonstration included).
 - July 23rd Detention Basin Maintenance/Retrofit workshop at Canton Township (tour included).
 - September 17th elected officials workshop on LEED and LID connections at Lawrence Technological University (tour included).

2. LID/Innovative Stormwater Management

- Community outreach (site assessments, master plan, ordinances)
- Transportation outreach

3. Financing

- Stormwater utility legislation
- Stimulus... SRF, Energy Efficiency

4. Engaging state/federal initiatives

- Combining of departments/wetlands issues
- Climate change
- Great Lakes Plan
- Comments to EPA on draft Construction Site Rule

Mary Blackmon
Chairperson
Treasurer, Wayne County
Regional Education
Service Agency

Robert Hison
First Vice Chair
Mayor,
City of St. Clair Shores

Robert J. Cannon
Vice Chairperson
Supervisor,
Clinton Township

Gretchen Driskell
Vice Chairperson
Mayor,
City of Saline

John A. Scott
Vice Chairperson
Commissioner,
Oakland County

Michael Sedlak
Vice Chairperson
Clerk,
Green Oak Township

William T. Roberts
Immediate Past Chair
Mayor,
City of Walled Lake

Paul E. Tait
Executive Director