



Alliance
of Rouge
Communities

Working together, restoring the river

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

Auburn Hills
Beverly Hills
Bingham Farms
Birmingham
Bloomfield Hills
Bloomfield Twp.
Canton Twp.
Commerce Twp.
Dearborn
Dearborn Heights
Farmington
Farmington Hills
Franklin
Garden City
Henry Ford Community
College
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
Troy
Van Buren Twp.
Walled Lake
Washtenaw County
Wayne
Wayne County
Westland
Wixom

Cooperating Partners

*Cranbrook Institute of Science
Friends of the Rouge
Southeastern Oakland
County Water Authority
Wayne State University*

- DRAFT AGENDA**
ALLIANCE OF ROUGE COMMUNITIES
Tuesday, April 26, 2011, 1:30 – 3:30 p.m.
Southfield Public Library, 26300 Evergreen Rd., Southfield
- 1. Welcome –Gary Mekjian, Chair**
 - a. Roll Call/Determination of Quorum
 - b. Introductions of ARC guests **Information**
 - c. Additions or changes to the Draft Meeting Agenda
 - d. Approval of October 26, 2010 Meeting Summary **Action** pg. 2
 - 2. Treasurers/Finance Committee Report – Don Rohraff, Treasurer**
 - a. 2010 Budget Amendments **Action** pg. 13
 - b. 2011 Budget Status Report **Information**
 - c. 2011 Budget Amendments **Action** pg. 21
 - 3. Executive Director Report –Jim Ridgway**
 - a. Permit Subcommittee **Information**
 - b. Grant Status Report **Information**
 - c. 2010 Executive Director Annual Report **Information** pg. 28
 - d. IRS 501(c)(3) status **Information**
 - 4. ITC Projects within the Watershed–Cynthia Stump, ITC** **Information**
 - 5. Standing Committee Reports – Gary Mekjian**
 - a. Organization Committee (K. Cave and J. Seymour, Co-Chairs) **Information**
 - i. Progress Report
 - b. PIE Committee (B. Siedlaczek, Chair) **Information**
 - i. Progress Report
 - c. Technical Committee (G. Zorza, Vice Chair) **Information**
 - i. Progress Report
 - 5. Report from WCDPS – Kelly Cave** **Information**
 - 6. Opportunity for Public Comment – Gary Mekjian**
 - 7. Summary of Actions of Full Alliance – Chris O’Meara** **Information**
 - 8. Upcoming Meeting Schedule** **Information**
 - PIE Committee meeting, July 14, 2011, Noon (lunch) 1 p.m. (meeting), Howard Knorr’s house in Beverly Hills
 - Technical Committee meeting, May 12, 2-4 p.m., Farmington Hills
 - 9. Other Business**
 - 10. Adjourn** **Action**

www.allianceofrougecommunities.com

c/o ECT, 719 Griswold, Suite 1040, Detroit, MI 48226 -- Ph: 313-963-6600 Fax: 313-963-1707



Working together, restoring the river

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

DRAFT MEETING SUMMARY ALLIANCE OF ROUGE COMMUNITIES

October 26, 2010, 1:30 p.m. – 3:30 p.m.

Redford Township District Library

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

1. Welcome (Gary Mekjian, Chair)

- a. Roll Call /Determination of Quorum** - Roll call was taken. The 22 members listed below were in attendance, which was sufficient for a quorum.

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

b. Introductions of ARC guests

G. Mekjian asked all guests in attendance to introduce themselves.

c. Additions or Changes to the Draft Meeting Agenda

There were no additions or changes made to the draft meeting agenda.

d. Approval of September 9, 2010 Meeting Summary

A motion was made by Paul Smith, Farmington, to approve the September 9, 2010 meeting summary. It was seconded by Meghan Bonfiglio, Washtenaw County, and passed unanimously.

Cooperating Partners:

*Cranbrook Institute of Science
Friends of the Rouge
Southeastern Oakland
County Water Authority
Wayne State University*

2. Treasurers/Finance Committee Report (Dan Swallow, Treasurer)

a. 2010 Budget Status Report

Dan Swallow reviewed the vendor payments report, checkbook summary and the accounts receivable report.

b. 2010 Budget Amendments

Zachare Ball gave a summary of the SPAC grant and reviewed the Finance Committee's 2010 budget amendment request to add the SPAC grant received that was summarized under the Executive Director's report. The total grant amount is \$22,205.43. No match is required. Forty percent of the grant (\$8,882) will be sent to the ARC in October, 2010. The remaining grant funds will be sent in 2011. This amendment provides for the 2010 grant payment and represents an increase to the overall ARC budget of \$8,882.

D. Swallow reviewed the Finance Committee's 2010 budget amendment to OC3 – Accounting and Legal Services, increasing the budget from \$5,000 to \$10,100. This amendment will cover unanticipated accounting services that were not budgeted for in 2010. These include assistance from the accountant in preparing the required policies, procedures, accounting manual and the Office of Management and Budget questionnaire as requirements of the EPA GLRI grant. The accountant also met with the Executive Committee and ARC staff on the GLRI requirements. This amendment also covers the additional research and time spent on the ARCs initial audit for fiscal year 2009. Finally, this amendment covers additional research and communications with Wayne County in preparation of Form 990 for the ARC taxes.

The motion was made by Roger Moore, Rochester Hills, to approve the 2010 budget amendments as presented by the Finance Committee. The motion was seconded by Patrick Sullivan, Northville, and passed unanimously.

c. 2011 Budget Requests

Z. Ball reviewed the 2011 budget requests on behalf of Dan Swallow, Treasurer. Both the PIE and Technical Committee were asked by the Finance Committee to bring their budgets in below the ARC dues that are anticipated for 2011. Both committees reduced their budgets nearly 20% to meet this request.

The PIE Committee 2011 budget includes:

- (PIE 1) The Green Infrastructure Activities task budget remains the same and will provide for the design and plant materials for 8-10 grow zones in the watershed; four workshops; rain barrel sales and education and buying trees for new participating Green Schools.
- (PIE 2) The Public Education Materials task has a minor budget for printed materials, but will primarily support the purchase and distribution of seedlings at local events, such as HHW collection days and water festivals.
- (PIE 3) The Website Maintenance task budget increased slightly and supports design, writing and maintenance fees for the ARC website.
- (PIE 4) Watershed Stewardship and Reporting supports Friends of the Rouge conducting grow zone maintenance workshops, native plant workshops for homeowners, promoting an Adopt a Grow Zone program and participation in community events to promote watershed stewardship.

The Technical Committee 2011 budget includes:

- (TC1) The Rouge River Watershed Monitoring Activities task budget continues work performed last year to address the 5-year monitoring plan for the Rouge River. Activities include continuous stream flow, DO and temperature monitoring; continued work on a geomorphological assessment for the watershed and a summary report of the monitoring data from the previous year. The annual macroinvertebrate monitoring will also be completed by FOTR, but it will be funded by another grant.
- (TC2) The Storm Water Reporting System: Operation and Maintenance task completes a stream-lined, easy web-based mechanism for Phase II permit reporting to the Michigan Department of Natural Resources and Environment (MDNRE). The 2011 effort will include the following: member assistance in system use, maintenance, system modifications and administration of the system.
- (TC3) The IDEP Investigations and Training task continues field investigations in priority areas, IDEP training for municipal staff and allows for collaboration with MDNRE with the hope of obtaining E. coli monitoring assistance to narrow down the priority areas. TC3 allows the ARC to address illicit discharges on a watershed-wide basis, which is far more productive than working on a community by community basis.
- (TC4) The Compliance Initiatives task provides ARC members with resources to aid them in permit compliance. Activities will include continued development and refinement of a Collaborative Action Plan/SWPPI, assistance for ARC members that will be audited by the DNRE (including gathering information from project partners and collaboration with SEMCOG), and assistance in developing the SWMP and SWPPP required by ARC members holding a jurisdictional permit (including collaboration with SEMCOG).

The Organization Committee 2011 budget includes:

(OC1)The proposed 2011 Executive Director Services included an increase of about 6% because of overhead adjustments and slight salary increases. However, the Organization Committee recommended that the 2011 ED Services budget remain at the 2010 amount of \$159,771 plus \$10,000 for pursuing grant opportunities for a total of \$169,771, but that the ED staff provide the level of service represented by the original proposed 2011 budget of \$178,803.

- The 2011 increase is \$9,032 over the 2010 ED Services Budget.
- The ED staff proposes to use the \$9,032 to provide some match for ARC grant funded projects, specifically:
 - \$6,693 to provide grant management for the RPO Round X Wayne Road Dam Design project.
 - \$2,339 to provide grant management for the RPO Round X Rouge Green Corridor Urban Habitat Improvement project.

This funding will reduce the amount of ARC dues needed to match the Round X projects, and falls within services typically provided by ED staff.

The Finance Committee 2011 budget includes:

- (FC1)Account services to do the annual audit for 2010 for the ARC along with the annual tax return. These funds will also be used for any potential legal tasks related to the ARC in 2011. This budget item will be paid with 100% ARC dues
- (FC2)The ARC Bylaws require that the ARC have insurance. The insurance is needed to protect the directors and officers (and any other ARC member) against claims filed against them as executives of the organization.

Z. Ball gave a brief overview of the GLRI, Rouge Round X and SPAC grants. Jim Ridgway, Executive Director, stated that these will better position the ARC for future funding once the Rouge grant is gone. The ARC staff are working on finding funding sources for the day-to-day operations of the ARC.

Hae-Jin Yoon, MDNRE, asked about the reduction in the Technical Committees budget for IDEP. Annette DeMaria stated that the reductions will be in the number and amount that the ARC and counties contribute to the communities IDEP programs. J. Wineka said that this program has been very successful and they will continue looking in the problem areas. D. Swallow stated that if the Technical Committee needs more money in 2011 for this program they can easily come to the Finance Committee with a budget amendment.

The motion was made by Paul St. Henry, Livonia, to approve the 2011 Proposed Budget as presented by the Finance Committee. The motion was seconded by Wayne Domine, Bloomfield Twp., and passed unanimously.

G. Mekjian expressed his thanks to the Finance Committee and ARC Staff who worked diligently to get the 2011 budget where it is today.

3. Executive Director Report (Jim Ridgway)

J. Ridgway gave a brief summary of where the contested case is at. He expects slow progress with court dates possibly in April. J. Ridgway stated that the one thing we don't want is for the permit process to end up with the EPA, we want it to remain with the state.

4. Standing Committee Reports (Gary Mekjian)

a. Organization Committee (K. Cave and J. Seymour, Co-chairs)

i. ARC Purchasing Policy Revision

Noel Mullett reported for Kelly Cave and reviewed the revision to the Purchasing Policy which includes the GLRI required text regarding the determination of debarment or suspension status before awarding of contracts.

The motion was made by P. St. Henry, Livonia, to approve the amended Purchasing Policy to include the excluded parties language as presented. The motion was seconded by R. Moore, Rochester Hills, and passed unanimously.

N. Mullett stated that the Organization Committee will focus on revising the ARC Bylaws along with the Strategic Plan in 2011. The Organization Committee has also been asked to research instituting legal documents to maintain the grow zones paid

for by an ARC grant. G. Mekjian reminded the communities that once the bylaws are revised, they will need to go back to our governing bodies for adoption.

D. Swallow officially resigned from the Organization Committee with his appointment to ARC Treasurer. If anyone would like to get involved with the Organization Committee please let Chris O'Meara know.

b. PIE Committee (Brandy Siedlaczek, Chair)

Brandy Siedlaczek reported that the PIE Committee held another rain barrel sale in Troy on September 18 and sold 760 rain barrels. A portion of sales will be contributed to the ARC Foundation by the vendor. The committee gave away 1,000 Norway Spruce tree seedlings at the Wayne County HHW event on August 28 at Westland Mall and another 500 seedlings at the rain barrel event in Troy. Another 75 more mature trees will be distributed to the 75 new schools enrolled in the Green Schools Program in Wayne and Oakland counties.

c. Technical Committee (Gary Zorza, Vice Chair)

A. DeMaria reported for Gary Zorza that the 2009 RRMAR was released and is on the ARC website. The report shows improvement in the E. coli in the Middle Rouge with concentrations going down. She stated that the web-based reporting system should be ready in January. She also informed the ARC that money was budgeted to assist communities prepare for their audits in partnership with SEMCOG. J. Ridgway asked H. Yoon if there is a list of which communities will be audited next. She responded that the list is not public but that Inskter and Lincoln Park are next. M. Bonfiglio stated that she sits on the MS4 Implementation Team which includes members from both the state and stakeholders. She also stated that the MDNRE is scheduled to speak at the MWEA conference in Lansing.

5. Rouge Program Office Report (Kelly Cave, Wayne County)

Noel Mullett reported for Kelly Cave. He shared with the ARC the recent Detroit Free Press Shining Light Award given to Ed Bagale of UofM-Dearborn for his service to the Rouge over the years. He also stated that Wayne County is starting to put together the Rouge Project Annual Progress Report for 2010 and asked that communities forward their success stories to Kelly Cave as soon as possible. N. Mullett also said that they have their interim annual report done for those communities that have a November compliance date. J. Wineka, Oakland County, said that they also have their report done. Both will be available on the ARC website.

6. Opportunity for Public Comment

Sally Petrella, FOTR, reminded the group that they are having a fundraiser on 11/7 at the Liberty Street in Plymouth. The FOTR annual meeting will be held 11/30 at the Glenn Oaks Golf Course with dinner prior and Steve Chester as the key note speaker. She said that they will be hosting a grow zone maintenance workshop on 11/11. She shared with the group some initial results of the October 16 bug hunt which included 26 sites and found new bugs in both Southfield and Farmington Hills.

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

- The September 9, 2010 Full ARC Meeting Summary was approved.
- The 2010 ARC budget amendments were approved.

- The 2011 ARC budget was approved
- The amendment to the ARC Purchasing Policy to include the determination of debarment or suspension status was approved.

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

- PIE Committee Meeting, October 28, 2010 at 1:30 p.m., Wayne County Commerce Court Offices
- Technical Committee Meeting, October 25, 2010 at 10:00 a.m., Southfield Parks and Recreation, Room 221
- Organization Committee Meeting, November 3, 2010 at 1:30 p.m., Conference Room "A", first floor, Public Services Building at the City of Southfield Municipal Complex

10. Other Business

G. Mekjian stated that the financing will continue to be tight and the Executive Committee will be focusing on fundraising in the future and stressing the benefits that the ARC has to offer its members. He talked about the many people have put a lot of years into this group.

G. Mekjian informed the group that he will be accepting a position in Farmington Hills and will start on November 8. His role with the ARC will not change.

11. Adjourn

The motion was made by K. Buford, Westland, to adjourn the meeting. The motion was seconded by Wayne Domine, Bloomfield Twp. and passed unanimously.

Alliance of Rouge Communities Attendance List

Meeting Date: 10/26/10

| Name | Community | Attended | Initials |
|------------------|--------------------------------|-------------------------------------|---|
| | Redford Township | <input type="checkbox"/> | |
| Ball Zachare | ECT | <input checked="" type="checkbox"/> |  |
| Barnes Jack | Garden City | <input type="checkbox"/> | |
| Barrett Robert | Oak Park | <input type="checkbox"/> | |
| Baumgarten Matt | Lathrup Village | <input type="checkbox"/> | |
| Belair Bob | Canton Township | <input checked="" type="checkbox"/> |  |
| Beyer Lori | Washtenaw County Road Commis | <input type="checkbox"/> | |
| Bobrin Janis | Washtenaw County | <input type="checkbox"/> | |
| Bona John | Wayne County Airport Authority | <input type="checkbox"/> | |
| Bonfiglio Meghan | Washtenaw County Water Resour | <input checked="" type="checkbox"/> |  |
| Borton Cory | HRC | <input type="checkbox"/> | |
| Brooks Dan | Dearborn Heights | <input checked="" type="checkbox"/> |  |
| Buford Kevin | Westland | <input type="checkbox"/> | |
| Buiten Mike | Wayne | <input type="checkbox"/> | |
| Cave Kelly | WCDPS | <input type="checkbox"/> | |
| Coburn Brian | Novi | <input type="checkbox"/> | |
| Colaianne Joe | Oakland County | <input type="checkbox"/> | |
| Cousino Brendon | Birmingham | <input type="checkbox"/> | |
| Cravens Jay | Bloomfield Hills | <input type="checkbox"/> | |
| Cureton Lloyd | Walled Lake | <input type="checkbox"/> | |
| Davis Paul | Rochester Hills | <input type="checkbox"/> | |
| DeMaria Annette | ECT | <input checked="" type="checkbox"/> |  |
| Dombrowski Tony | Pontiac | <input type="checkbox"/> | |
| Domine Wayne | Bloomfield Township | <input checked="" type="checkbox"/> |  |
| El-Gharib Ramzi | Wayne | <input type="checkbox"/> | |
| Faas Tim | Canton Township | <input type="checkbox"/> | |

Meeting Date: 10/26/10

| Name | Community | Attended | Initials |
|-----------|-----------|------------------------------|---|
| Fannon | Richard | Commerce Township | <input type="checkbox"/> |
| Fellrath | Patrick | Plymouth Township | <input checked="" type="checkbox"/> PAF |
| Gallogly | James | Northville | <input checked="" type="checkbox"/> JGH |
| Gigliotti | Allen | Henry Ford Community College | <input checked="" type="checkbox"/> TAG |
| Greco | Sam | Henry Ford Community College | <input type="checkbox"/> |
| Gruzowski | Laura | Village of Beverly Hills | <input type="checkbox"/> |
| Gruzowski | Laura | Village of Franklin | <input type="checkbox"/> |
| Gruzowski | Laura | Bloomfield Hills | <input type="checkbox"/> |
| Guest | Connie | Commerce Township | <input type="checkbox"/> |
| Gushman | Kevin | Farmington | <input type="checkbox"/> |
| Hagaman | Kathryn | Bingham Farms | <input checked="" type="checkbox"/> KKH |
| Harnos | Brian | Westland | <input type="checkbox"/> |
| Harvey | Dave | Garden City | <input type="checkbox"/> |
| Howell | Michael | Wixom | <input type="checkbox"/> |
| Johnson | Ron | Inkster | <input type="checkbox"/> |
| Keenan | Shawn | Auburn Hills | <input type="checkbox"/> |
| Keough | Shawn | Plymouth | <input type="checkbox"/> |
| Ketai | Don | Bingham Farms | <input type="checkbox"/> |
| Knepper | Todd | Van Buren Township | <input type="checkbox"/> |
| Kramarz | Kristina | Dearborn Heights | <input type="checkbox"/> |
| Lakhani | Muzaffar | Inkster | <input type="checkbox"/> |
| LaManes | Paul | Melvindale | <input type="checkbox"/> |
| Lawson | Jennifer | ECT | <input type="checkbox"/> |
| Maillard | Kevin | Livonia | <input type="checkbox"/> |
| McCallum | Gerry | Orchard Lake Village | <input type="checkbox"/> |
| McCulloch | John | Oakland County | <input type="checkbox"/> |
| McGill | Lisa | Walled Lake | <input checked="" type="checkbox"/> LM |

Meeting Date: 10/26/10

| Name | Community | Attended | Initials |
|--|---------------------------------|-------------------------------------|----------|
| Mekjian Gary | Southfield | <input type="checkbox"/> | |
| Melchert Ron | Auburn Hills | <input type="checkbox"/> | |
| Meszler Tom | Village of Beverly Hills | <input type="checkbox"/> | |
| Moore Roger | Rochester Hills | <input checked="" type="checkbox"/> | WR |
| Moeller Baumgarten Jeff Matthew | Lathrup Village | <input checked="" type="checkbox"/> | MS |
| Mullett Noel | WCDPS | <input checked="" type="checkbox"/> | NM |
| Murray Jim | Dearborn | <input type="checkbox"/> | |
| O'Meara Paul | Birmingham | <input type="checkbox"/> | |
| Overholt Green Janet | Orchard Lake Village | <input type="checkbox"/> | |
| Puuri Steve | Washtenaw County Road Commis | <input type="checkbox"/> | |
| Rickard Jill | Northville Township | <input type="checkbox"/> | |
| Ridgway Jim | ECT | <input type="checkbox"/> | |
| Schneck Allen | Pontiac | <input type="checkbox"/> | |
| Schueller Derrick | Romulus | <input type="checkbox"/> | |
| Selmi John | Redford Township | <input checked="" type="checkbox"/> | R |
| Siedlaczek Brandy | Southfield | <input checked="" type="checkbox"/> | BS |
| Sincock Paul | Plymouth | <input type="checkbox"/> | |
| Smith Paul | Farmington | <input checked="" type="checkbox"/> | PES |
| St. Henry Paul | Livonia | <input checked="" type="checkbox"/> | P.S.H. |
| Staup Aaron | Novi | <input type="checkbox"/> | |
| Stoppels Jon | Village of Franklin | <input type="checkbox"/> | |
| Sullivan Patrick | Northville | <input type="checkbox"/> | |
| Swallow Dan | Van Buren Township | <input checked="" type="checkbox"/> | DS |
| Szczygiel Larry | Dearborn | <input type="checkbox"/> | |
| Vandette Steven | Troy | <input type="checkbox"/> | |
| Wagoner Bryan | Wayne County Airport Authority* | <input type="checkbox"/> | |
| Weaver Don | Northville Township | <input type="checkbox"/> | |

Meeting Date: 10/26/10

| <i>Name</i> | | <i>Community</i> | <i>Attended</i> | <i>Initials</i> |
|-------------|-------|------------------|-------------------------------------|---|
| Wilson | Tom | Romulus | <input type="checkbox"/> | |
| Wineka | Jim | Oakland County | <input checked="" type="checkbox"/> |  |
| Yee | Kevin | Oak Park | <input type="checkbox"/> | |
| Zorza | Gary | Farmington Hills | <input type="checkbox"/> | |

Summary of 2010 ARC Budget Amendments:

PIE Amendment 2: Transfers a \$10,225.92 balance from 2010 PIE Budget (PIE 1 – Green Infrastructure Activities) to Organization and Technical Committee facilitation and financial and administrative tasks in the 2010 ED Services Budget.

GLRI 1 Amendment 1 (Transforming the Rouge): Adjusts the 2010 ARC budget to show \$18,182.12 expended on this project in 2010. Originally, the total grant was booked in the 2011 budget. The 2011 GLRI 1 budget was adjusted accordingly.

GLRI 2 Amendment 1 (Danvers Pond Dam): Adjusts the 2010 ARC budget to show \$8,940.77 expended on this project in 2010. Originally, the total grant was booked in the 2011 budget. The 2011 GLRI 2 budget was adjusted accordingly.

SPAC 1 Amendment 1 (Green Corridors in the Rouge River Watershed): Adjusts the 2010 budget to show a grant from the Public Advisory Committee through the Great Lakes Commission to the ARC for \$6,000 to review green infrastructure projects appropriate for submission for grants.

SPAC 2 Amendment 1 (Strategy to Delist BUIs): Adjusts the 2010 ARC budget to show costs incurred of \$11,607.68 rather than \$8,882. The 2011 SPAC 2 grant budget was adjusted accordingly.

OC3 – Accounting and Legal Services: Adjusts the 2010 ARC budget to show additional costs in the amount of \$1,308.75 incurred by the accountant in preparing the required policies, procedures, accounting manual and the Office of Management and Budget questionnaire as requirements of the EPA GLRI grant and the review of the 501(c)(4) application.

Alliance of Rouge Communities
DRAFT 2010 Budget - 3/16/11

Expected Revenues Available for 2010

| | | |
|---------------------------------|----|---------|
| * 2010 Dues from Communities | \$ | 274,868 |
| 2010 Rouge Project Grant | \$ | 313,121 |
| Future other Grants (estimated) | \$ | 45,000 |
| SPAC Grant | \$ | 17,413 |
| GLRI Grant | \$ | 27,123 |
| Rollover Dues from 2009 Budget | \$ | 127,973 |
| | \$ | 805,497 |

DRAFT on 3/16/11

Amended by Full ARC on 9/9/2010
and 10/26/2010

| Proposed 2010 Budget Items | Committee Proposal | Funding Source | | | | "Provider" using Budget (3) |
|---|--------------------|-------------------|-------------------|------------|------------------|-------------------------------------|
| | | ARC Dues | Rouge Grant | SPAC Grant | Other Source | |
| Organization Committee | | | | | | |
| (1)(13)OC1 Executive Director Services | \$ 169,997 | \$ 84,998 | \$ 84,998 | | | Exe.Dir. Serv. |
| (2)(4) OC2 ARC Insurance | \$ 3,978 | \$ 3,978 | \$ - | | | outside purchase |
| (2)(12)OC3 Accounting/Legal Services | \$ 11,409 | \$ 11,409 | \$ - | | | outside purchase |
| Organization Committee Total | \$ 185,384 | \$ 100,385 | \$ 84,998 | | \$ - | |
| Public Education and Involvement Committee | | | | | | |
| (13)PIE1 Green Infrastructure Campaign | \$ 83,774 | \$ 41,887 | \$ 41,887 | | | Exe.Dir. Serv./Wayne County |
| (5)PIE2 Riparian Corridor Management Booklet | \$ 6,500 | \$ 3,250 | \$ 3,250 | | | Exe.Dir. Serv. |
| PIE3 Pub Ed Materials | \$ 32,000 | \$ 16,000 | \$ 16,000 | | | Exe.Dir. Serv./Wayne County |
| PIE4 ARC Website Maintenance | \$ 7,000 | \$ 3,500 | \$ 3,500 | | | Exe.Dir. Serv. |
| (6)PIE5 Friends of the Rouge | \$ 20,886 | \$ 10,443 | \$ 10,443 | | | Friends of the Rouge |
| PIE6 WMP Revisions (edit/format only) | \$ 7,600 | \$ 3,800 | \$ 3,800 | | | Exe.Dir. Serv. |
| PIE Committee Total | \$ 157,760 | \$ 78,880 | \$ 78,880 | | \$ - | |
| Technical Committee | | | | | | |
| TC1 Rouge River Watershed Monitoring Activities | \$ 127,917 | \$ 63,959 | \$ 63,959 | | | Friends of the Rouge- RPO |
| Collaborative Storm Water Action Plan | | | | | | |
| TC2 Implementation | \$ 138,000 | \$ 69,000 | \$ 69,000 | | | Exe. Dir. Serv./Wayne & Oakland Co. |
| (2)(5)TC3 Pursuing Grant Opportunities | \$ 21,000 | \$ 21,000 | \$ - | | | Exe. Dir. Serv. |
| Potential Project & Available Match | \$ 90,000 | \$ 45,000 | \$ - | | \$ 45,000 | ARC and outside grant |
| TC4 Land Cover Inventory | \$ 20,000 | \$ 10,000 | \$ 10,000 | | | Exe. Dir. Serv./Wayne Co. |
| Technical Committee Total | \$ 396,917 | \$ 208,959 | \$ 142,959 | | \$ 45,000 | |
| Total Amount Requested by All Committees | \$ 740,061 | \$ 388,224 | \$ 306,837 | | \$ 45,000 | |
| (9) SPAC 1-Support Grant | \$5,805 | | | \$5,805 | | Exe. Dir. Serv./FOTR |
| (7)(8)SPAC 2-Strategy to Delist BUIs in the Rouge River AOC | \$11,608 | | | \$11,608 | | Exe. Dir. Serv. |
| (10) GLRI1 - Transforming the Rouge | \$18,182 | | | \$18,182 | | Exe. Dir. Serv. |
| (11) GLRI2 - Danvers Pond | \$8,941 | | | \$8,941 | | Exe. Dir. Serv. |
| Other Grants | \$44,536 | | | \$44,536 | | |
| Available Unallocated Budget | \$ 65,901 | \$ 59,617 | \$ 6,284 | | | |

Notes

- (1) Includes fiduciary services, advocacy and administration
- (2) Not a Rouge grant eligible item; funded 100% from ARC dues
- (3) Officers and committee members provide assistance to implement most of the ARC tasks. Cost for this assistance is not included in ARC budget.
- (4) Based on 2009 dues amounts minus Superior Township (\$7,359), Ypsilanti (\$1,054) W. Bloomfield Twp. (\$12,851) and Allen Park (\$759) plus \$187.50 for 4th quarter HFCC Associate Membership
- (5) BUDGET CORRECTION: Estimate was \$4,100. Actual insurance cost shows a reduction of \$122 to bring to current \$3,978
- (6) 9-9-10 BUDGET AMENDMENT to PIE2 and TC3: transfer \$2,500 from PIE2, \$7,500 from TC1 and \$1,000 from TC2 to bring the TC3 budget from \$10,000 to \$21,000. Transfers only affect the Executive Director Services budget, it does not affect services provided by FOTR, WC or OCWRC
- (7) WC IAA shows a budget of \$22,453, the ARC received an adjusted budget from FOTR of \$20,886
- (8) 10-26-10 BUDGET AMENDMENT ARC received SPAC Grant - %40 (\$8,882) of \$22,205 in 2010, remaining 60% (\$13,323) in 2011 budget and OC3 Accounting/Legal services increase from \$5,000 to \$10,100
- (9) 3-16-11 BUDGET AMENDMENT ARC spent \$11,607.68 of \$22,205 SPAC grant by December 31, 2010
- (10) 3-16-11 BUDGET AMENDMENT ARC received a \$6,000 SPAC in December, 2009 to review AOC delisting sites and create a strategy for implementing projects. Work was completed 1-30-10.
- (11) 3-16-11 BUDGET AMENDMENT GLRI 1 funding for this project became available 10-15-10 and work proceeded according to schedule. \$18,182 in costs were incurred in 2010.
- (12) 3-16-11 BUDGET AMENDMENT GLRI 2 funding for this project became available 10-15-10 and work proceeded according to schedule. \$8,941 in costs were incurred in 2010.
- (13) 3-16-11 Budget Amendment FC2 - additional funds in the amount of \$1,309 were expended due to accountant review of GLRI processes and ARC 501c4 application
- (14) 3-16-11 BUDGET AMENDMENT to PIE1 and OC1, transfers \$10,226 of unused budget to OC1 to cover unexpected costs incurred.



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2010 BUDGET AMENDMENT: PIE Amendment 2

REQUEST DATE: March 9, 2011

LINE ITEM: ARC PIE Committee – PIE 1 Green Infrastructure Activities

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: This request is being made to transfer budget from the 2010 PIE Committee work plan to cover unanticipated costs in the task in the ARC ED Services & Operations and Meeting Support work plans.

This amendment proposes that \$10,225.92 be transferred from the PIE Committee PIE 1 to Executive Director Services and Operations.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This budget transfers were necessary because:

1. Technical Committee Facilitation: Unanticipated activities required to facilitate the Technical Committee meetings.
2. Routine Distribution of Materials: Increase in distribution of materials to ARC members.
3. Quick Books/Monthly Tracking: Unanticipated activities related to the audit and development of an Accounting Procedures Manual for the GLRI grants.
4. Organization Committee: Unanticipated activities related to developing policies and procedures related to the GLRI grants.
5. Administrative Oversight: Unanticipated activities related to providing additional information to EPA regarding the ARC for the GLRI grants.

RATIONALE: This budget transfer will cover budget increases created by activities outlined above.

BUDGET: This budget amendment simply transfers budget from existing tasks. It **does not** require an increase in the overall ARC budget.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff already completed the work and will make the budget adjustments.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2010 BUDGET AMENDMENT: GLRI 1 Amendment 1

REQUEST DATE: March 9, 2011

LINE ITEM: Add GLRI1 Transforming the Rouge AOC from Mowed Down to Grown Up

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: In October, 2010 the ARC was awarded a Great Lakes Restoration Initiative (GLRI) grant to conduct restoration activities in Southfield, City of Detroit Parks and Wayne County Parks. The total project is \$830,000, with grant funding of \$648,750. This grant was booked in the 2011 budget. However, the work on this grant was required to start in 2010 to conform with the grant schedule. A QAPP was developed, site visits and conceptual designs were completed and public education outreach began by January, 2011.

DESCRIPTION OF ANTICIPATED ACTIVITIES: Described above.

RATIONALE: This amendment is being submitted to show the actual impact to the 2010 ARC budget.

BUDGET: This budget amendment will create a GLRI1 line item with associated tasks in the 2010 ARC budget for \$18,182.12 to cover the work conducted on this project in 2010.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2010 BUDGET AMENDMENT: GLRI 2 Amendment 1

REQUEST DATE: March 9, 2011

LINE ITEM: Add GLRI2 Danvers Pond Dam Removal and Stream Restoration

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: In October, 2010 the ARC was awarded a Great Lakes Restoration Initiative (GLRI) grant to remove the Danvers Pond Dam in Farmington Hills. The total project is \$499,255 with no match required. This grant was booked in the 2011 budget. However, the work on this grant was required to start in 2010 to conform with the grant schedule. Work has included meetings with Farmington Hills staff and the residents who live near Danvers Pond, as well as interaction with the state regarding the permitting process.

DESCRIPTION OF ANTICIPATED ACTIVITIES: Described above.

RATIONALE: This amendment is being submitted to show the actual impact to the 2010 ARC budget.

BUDGET: This budget amendment will create a GLRI2 line item with associated tasks in the 2010 ARC budget for \$8,940.77 and will cover the work conducted on this project in 2010.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2010 BUDGET AMENDMENT: SPAC2 Amendment 1

REQUEST DATE: March 9, 2011

LINE ITEM: SPAC2 Strategy to Delist BUIs in the Rouge River AOC

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The Great Lakes Commission through the Statewide Public Advisory Committee put out a RFP asking for projects to support Remedial Action Plans. The ARC, MDNRE, Wayne County, RRAC and Friends of the Rouge submitted a grant application on September 1, 2010 that would allow the ARC and the Rouge River AOC to work with the state Rouge RAP coordinator to develop a delisting strategy for the Rouge River AOC. Additionally, the grant project will allow the ARC to incorporate community projects in the draft Watershed Management Plan update into the strategy to delist Beneficial Use Impairments in the Rouge River. This strategy will make the community projects eligible for future funding through federal grant programs.

The ARC application was approved on October 1, 2010. The total grant amount is \$22,205.43. No match is required. Forty percent of the grant (\$8,882) was sent to the ARC in October, 2010. Work on the grant began in October, with an end date of March 31, 2011. However, the bulk of the work was conducted between October and January 1, 2011. Therefore, invoices totaling \$11,607.68 were sent to the ARC by December 31, 2010. This amendment represents an increase in the line item for SPAC 2 from \$8,882 to \$11,607.68 to show the real impact to the 2010 budget.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This project was conducted to 1) refine and prioritize the list of activities recommended in 2008 to remove the loss of fish and wildlife habitat BUI in the Rouge AOC, 2) use the Rouge River Watershed Management Plan and other sources to categorize projects that should be in the Rouge AOC delisting strategy, and 3) inform and educate the public on restoration criteria and AOC delisting goals. Ultimately this project will provide MDNRE with the basis for a Stage II Remedial Action Plan for the Rouge AOC.

RATIONALE: This project will better align the ARC to successfully apply for federal grant funding for projects in 2011 and beyond.

BUDGET: This budget amendment corrects the budget line in the 2010 ARC budget from \$8,882 to \$11,607.68 and requires no ARC funds. This amendment simply corrects the budget line for SPAC2 in the 2010 budget.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2010 BUDGET AMENDMENT: SPAC 1 Amendment 1

REQUEST DATE: March 14, 2011

LINE ITEM: SPAC 1 Green Corridors in the Rouge River Watershed

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The Great Lakes Commission through the Statewide Public Advisory Committee awarded the ARC a \$6,000 for *Green Corridors in the Rouge River Watershed* in December 2009. The grant period was 45 days, ending January 30, 2010. ARC staff used the grant to develop a proposal for ARC/RRAC projects and activities in 2010.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The project devised a strategy to prioritize and implement projects outlined in the document: *Delisting Targets for Fish/Wildlife Habitat Beneficial Use Impairments for the Rouge River AOC*. Outcomes from this project resulted securing grant funding for many of the projects in the document in 2010.

RATIONALE: This project enabled the ARC and partner RRAC to better position themselves to apply for grant funding, such as the 2010 GLRI funding, to implement projects.

BUDGET: This budget adds the SPAC 1 budget line to the 2010 ARC budget in the amount of \$5,805 (which is the actual amount spent). This amendment requires no ARC funds. This amendment simply corrects the budget line for SPAC 1 in the 2010 budget.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

REQUEST FOR AMENDMENT – ORGANIZATION COMMITTEE 2 Year 2010 BUDGET

REQUEST DATE: March 14, 2011

LINE ITEM: OC3 – Accounting and Legal Services

COMMITTEE MAKING REQUEST: Organization Committee

BACKGROUND: The Alliance of Rouge Communities voted in September 2008 to budget for lawyer and accountant fees starting in 2010. The ARC will be required to provide an audit as part of future grant requests. This line item is also budgeting for any potential lawyer services that the ARC may require.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This amendment will cover unanticipated accounting services that were not budgeted for in 2010. These include assistance from the accountant in preparing the required policies, procedures, accounting manual and the Office of Management and Budget questionnaire as requirements of the EPA GLRI grant and the review of the 501(c)4 application.

RATIONALE (including why needed): The budget amendment would cover the additional costs incurred by the accounting firm.

BUDGET (including how the requested amount was established): Increase budget from \$10,100.00 to \$11,408.75. This budget item will be paid with 100% ARC dues.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The Chair of the Finance Committee (Mr. Don Rohraff) will oversee this task on behalf of the Finance Committee. The ARC Executive Director staff will work with the law firm and accounting firm.

Summary of 2011 ARC Budget Amendments

Organization Committee Amendment 1: Corrects the 2011 ARC Budget to show a cost for Executive Director Services of \$168,803, of which \$9,032 will be in-kind match to the ARC. The ARC will only pay ECT, Inc. \$159,771 in 2011 as requested by the Organization Committee. The original 2011 ARC Budget showed the ED Services cost as \$159,771 and ECT match as \$9,032.

Technical Committee, Amendment 1: Corrects the 2011 ARC Budget to show a \$20,000 increase to the Executive Services Contract - Technical Committee Budget for the Water Quality Summary. This cost has been paid in the past by the ARC through Wayne County. This expenditure is in the 2011 ARC budget. However, Wayne County has requested that the ARC pay for the report directly in 2011 through the Executive Director Services contract, as CDM will subcontract to ECT, Inc.

GLRI 1 Amendment 1 (Transforming the Rouge): Adjusts the 2011 ARC budget to show the remaining budget available after the \$18,182.12 was expended on this project in 2010. Originally, the total grant was booked in the 2011 budget. The remaining 2011 GLRI 1 budget is \$811,817.88.

GLRI 2 Amendment 1 (Danvers Pond Dam): Adjusts the 2011 ARC budget to show \$8,940.77 expended on this project in 2010. Originally, the total grant was booked in the 2011 budget. The remaining 2011 GLRI 2 budget is \$490,314.23.

SPAC 2 Amendment 1 (Strategy to Delist BUIs): Adjusts the 2011 ARC budget to show costs incurred of \$11,607.68 rather than \$8,882 in 2010. The remaining 2011 SPAC 2 grant budget is \$10,597.

Alliance of Rouge Communities
DRAFT 2011 Budget - 3/15/2011

Expected Revenues Available for 2011

| | |
|--|--------------|
| 2011 Dues from Communities* | \$ 273,165 |
| 2011 Rouge Project Grant (estimated) | \$ 256,872 |
| (2) GLRI Grants | \$ 1,120,882 |
| GLRI Match | \$ 181,250 |
| RPO Round X Grant | \$ 64,899 |
| RPO Round X Match | \$ 8,520 |
| (6)(5) SPAC Grant | \$ 10,597 |
| Rollover Dues from 2010 Budget (estimated) | \$ 106,063 |
| | \$ 2,022,248 |

DRAFT on 3/15/2011

| Proposed ARC 2011 Budget Items | Committee Proposal | Funding Source | | | | | | "Provider" Using Budget (3) |
|---|--------------------|-----------------|-------------|---------------------|--------------------|-----------------|--------------------|-----------------------------|
| | | ARC Dues | Rouge Grant | Rouge Round X Grant | GLRI Grant | SPAC Grant | Other Source/Match | |
| Rouge Grant | | | | | | | | |
| Organization Committee | | | | | | | | |
| (7)(1)OC1 Executive Director Services | \$ 168,803 | \$ 75,369 | \$ 84,402 | | | | \$ 9,032 | EDS (4) |
| Pursuing Grant Opportunities | \$ 10,000 | \$ 10,000 | - | | | | | EDS |
| Organization Committee Total | \$ 178,803 | \$ 85,369 | \$ 84,402 | | | | \$ 9,032 | |
| Finance Committee | | | | | | | | |
| (2) FC1 Accounting/Legal Services | \$ 7,500 | \$ 7,500 | \$ - | | | | | outside purchase |
| (2)FC2 ARC Insurance | \$ 4,000 | \$ 4,000 | \$ - | | | | | outside purchase |
| Finance Committee Total | \$ 11,500 | \$ 11,500 | \$ - | | | | | |
| Public Education and Involvement Committee | | | | | | | | |
| PIE1 Green Infrastructure Campaign | \$ 94,000 | \$ 47,000 | \$ 47,000 | | | | | EDS/WC |
| PIE2 Public Ed Materials | \$ 17,500 | \$ 8,750 | \$ 8,750 | | | | | EDS/WC |
| PIE3 Website Maintenance | \$ 7,750 | \$ 3,875 | \$ 3,875 | | | | | EDS/WC |
| PIE4 Watershed Stewardship and Reporting | \$ 18,590 | \$ 9,295 | \$ 9,295 | | | | | FOTR |
| PIE Committee Total | \$ 137,840 | \$ 68,920 | \$ 68,920 | | | | \$ - | |
| Technical Committee | | | | | | | | |
| TC1 Rouge River Watershed Monitoring Activities | \$ 77,100 | \$ 38,550 | \$ 38,550 | | | | | WC/USGS/CDM |
| TC2 Storm Water Reporting | \$ 23,000 | \$ 11,500 | \$ 11,500 | | | | | EDS |
| TC3 IDEP | \$ 85,000 | \$ 42,500 | \$ 42,500 | | | | | EDS/WC/OC |
| TC4 Compliance Initiatives | \$ 22,000 | \$ 11,000 | \$ 11,000 | | | | | EDS/WC |
| Technical Committee Total | \$ 207,100 | \$ 103,550 | \$ 103,550 | | | | \$ - | |
| Total Amount Requested by All Committees | \$ 535,243 | \$ 269,339 | \$ 256,872 | | | | \$ 9,032 | |
| | | ARC Dues | Rouge Grant | Rouge Round X Grant | GLRI Grant | SPAC Grant | Other Source/Match | |
| GLRI Grant | | | | | | | | |
| (8)GLRI 1 Transforming the Rouge AOC from Mowed Down to Grown Up | | | | | | | | |
| GLRI1A Grow Zone Design and Construction Oversight | \$56,579 | | | | \$56,579 | | | |
| GLRI1B Construct Grow Zones | \$225,000 | | | | \$168,750 | | \$56,250 | |
| Final design, permitting and construction oversight at Valley Woods | | | | | | | | |
| GLRI1C Wetland Preserve | \$60,000 | | | | \$30,000 | | \$30,000 | |
| GLRI1D Construct Valley Woods Wetland Preserve Improvements | \$272,000 | | | | \$272,000 | | | |
| GLRI1E Monitoring | \$160,000 | | | | \$80,000 | | \$80,000 | |
| GLRI1F Public Education | \$15,000 | \$15,000 | | | | | \$15,000 | |
| GLRI1G Grant Administration and Reporting | \$23,239 | | | | \$23,239 | | | |
| Sub-total GLRI 1 | \$811,818 | \$15,000 | | | \$630,568 | | \$181,250 | |
| (9)GLRI 2 Danvers Pond Dam Removal and Stream Restoration | | | | | | | | |
| GLRI2A Engineering | \$11,987 | | | | \$11,987 | | | |
| GLRI2B Construction | \$404,200 | | | | \$404,200 | | | |
| GLRI2C Construction Oversight | \$59,947 | | | | \$59,947 | | | |
| GLRI2D Grant Administration | \$14,180 | | | | \$14,180 | | | |
| Subtotal GLRI 2 | \$490,314 | \$0 | | | \$490,314 | | \$0 | |
| TOTAL GLRI | \$1,302,132 | \$15,000 | | | \$1,120,882 | | \$181,250 | |
| | | ARC Dues | Rouge Grant | Rouge Round X Grant | GLRI Grant | SPAC Grant | Other Source/Match | |
| Rouge Round X | | | | | | | | |
| RPO 1 RGC Urban Habitat Improvement | | | | | | | | |
| RPO1A Demonstration Riparian Buffer Planning and Installation | \$7,146 | | | \$4,943 | | | \$2,203 | |
| RPO1B Wetland Conservation and Mitigation Plan | \$2,867 | | | \$30 | | | \$2,837 | |
| RPO1C Interpretive Signage | \$3,946 | | | \$2,030 | | | \$1,916 | |
| RPO1D Public Workshop | \$1,910 | | | \$346 | | | \$1,564 | |
| Subtotal RPO 1 | \$15,869 | | | \$7,349 | | | \$8,520 | |
| RPO 2 Wayne Road Dam Removal Design | | | | | | | | |
| RPO2A Preliminary Engineering and Field Investigation | \$31,659 | \$15,830 | | \$15,830 | | | | |
| RPO2B Design and Permitting | \$76,748 | \$38,374 | | \$38,374 | | | | |
| RPO2C Grant Management | \$6,693 | \$3,347 | | \$3,347 | | | | |
| Subtotal RPO 2 | \$115,100 | \$57,550 | | \$57,550 | | | \$0 | |
| TOTAL RPO ROUND X | \$130,969 | \$57,550 | | \$64,899 | | | \$8,520 | |
| | | ARC Dues | Rouge Grant | Rouge Round X Grant | GLRI Grant | SPAC Grant | Other Source/Match | |
| SPAC | | | | | | | | |
| (6)(5)SPAC2 Strategy to Delist BUIs in the Rouge River AOC | \$10,597 | | | | | \$13,323 | | |
| TOTAL SPAC | \$10,597 | \$0 | | | | \$13,323 | | |
| Total Match requirements from ARC dues | | \$72,550 | | | | | | |
| Available Unallocated ARC Budget | \$43,307 | \$37,339 | | | | | | |

Notes

- (1) Includes fiduciary services, advocacy and administration
- (2) Not a Rouge grant eligible item; funded 100% from ARC dues
- (3) EDS - Executive Director Services, WC - Wayne County, OC - Oakland County Officers and committee members provide assistance to implement most of the ARC tasks. Cost for this assistance is not included in ARC budget.
- (4) The Organization Committee asked that the EDS 2011 budget of \$168,803 be reduced to it's 2010 level of \$159,771 with no change to the hours proposed in the 2011 budget. The overage of \$9,032 in 2011 will be used as match for the ARC.
- *
- (5) Based on 2010 dues amount plus HFCC \$750, minus Wayne County Airport Authority \$2,266
- (6) ARC received SPAC Grant - %40 (\$8,882) of \$22,205 in 2010, remaining 60% (\$13,323) in 2011 budget
- (7) BUDGET AMENDMENT: SPAC2 adjusted to show remaining balance available for 2011
- (8) BUDGET AMENDMENT: OC1 This amendment corrects the 2011 budget to accurately reflect the proposed cost for ED Services.
- (9) BUDGET AMENDMENT: This budget amendment will reduce the 2011 budget by \$18,182.12 to show the money that was expended in 2010 for the GLRI1 line item. The remainder available in 2011 is \$811,817.88.
- (10) BUDGET AMENDMENT: This budget amendment will reduce the 2011 budget by \$8,940.77 to show the money that was expended in 2010 for the GLRI2 line item. The remainder available in 2011 is \$490,314.23.



ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2011 BUDGET AMENDMENT: Organization Committee Amendment 1

REQUEST DATE: March 14, 2011

LINE ITEM: Executive Director Services

COMMITTEE MAKING REQUEST:

BACKGROUND: In 2010, ECT submitted a proposal for \$168,803 to provide services to the ARC in 2011 – a \$9,032 increase from the 2010 budget of \$159,771. The increase was due to an increase in ECT’s federally approved overhead rate and slight salary increases. The Organization Committee asked ECT to provide the proposed level of service in 2011 at the 2010 cost, with the increase (\$9,032) booked as match. However, the approved 2011 ARC budget showed an incorrect amount for Executive Director Services. Rather than showing the budget as \$168,803 reduced by \$9,032 in match, the budget line showed \$159,771 with an additional \$9,032 shown as match. This would mean that ECT would provide ED Services for \$150,739 and provide \$18,064 in match. This was not the intent of the Organization Committee. This budget amendment corrects the ED Services budget line to show a cost of \$168,803 for 2011 with an associated \$9,032 in match provided, which brings the total cost of the ED Services 2011 budget item to \$159,771, which is what the Organization Committee intended.

DESCRIPTION OF ANTICIPATED ACTIVITIES: The same level of services outlined in the budget description approved by the ARC.

RATIONALE: This amendment corrects the 2011 budget to accurately reflect the proposed cost for ED Services.

BUDGET: This budget amendment requires no increase in ARC funding. This amendment simply corrects the budget line for ED Services in the 2011.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2011 BUDGET AMENDMENT: GLRI1 Amendment 1

REQUEST DATE: March 15, 2011

LINE ITEM: GLRI1 Transforming the Rouge AOC from Mowed Down to Grown Up

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: In October, 2010 the ARC was awarded a Great Lakes Restoration Initiative (GLRI) grant to conduct restoration activities in Southfield, City of Detroit Parks and Wayne County Parks. The total project is \$830,000, with grant funding of \$648,750. This grant was booked in the 2011 budget. However, the work on this grant was required to start in 2010 to conform with the grant schedule. A QAPP was developed, site visits and conceptual designs were completed and public education outreach began by January, 2011.

DESCRIPTION OF ANTICIPATED ACTIVITIES: Described above.

RATIONALE: This amendment is being submitted to show the actual impact to the 2011 ARC budget.

BUDGET: This budget amendment will reduce the 2011 budget by \$18,182.12 to show the money that was expended in 2010 for the GLRI1 line item. The remainder available in 2011 is \$811,817.88.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2011 BUDGET AMENDMENT: GLRI 2 Amendment 1

REQUEST DATE: March 15, 2011

LINE ITEM: GLRI2 Danvers Pond Dam Removal and Stream Restoration

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: In October, 2010 the ARC was awarded a Great Lakes Restoration Initiative (GLRI) grant to remove the Danvers Pond Dam in Farmington Hills. The total project is \$499,255 with no match required. This grant was booked in the 2011 budget. However, the work on this grant was required to start in 2010 to conform with the grant schedule. Work has included meetings with Farmington Hills staff and the residents who live near Danvers Pond, as well as interaction with the state regarding the permitting process.

DESCRIPTION OF ANTICIPATED ACTIVITIES: Described above.

RATIONALE: This amendment is being submitted to show the actual impact to the 2010 ARC budget.

BUDGET: This budget amendment will reduce the 2011 budget by \$8,940.77 to show the money that was expended in 2010 for the GLRI2 line item. The remainder available in 2011 is \$490,314.23.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Working together, restoring the river

ALLIANCE OF ROUGE COMMUNITIES FINANCE COMMITTEE

2011 BUDGET AMENDMENT: SPAC2 Amendment 1

REQUEST DATE: March 15, 2011

LINE ITEM: SPAC2 Strategy to Delist BUIs in the Rouge River AOC

COMMITTEE MAKING REQUEST: Finance Committee

BACKGROUND: The Great Lakes Commission through the Statewide Public Advisory Committee put out a RFP asking for projects to support Remedial Action Plans. The ARC, MDNRE, Wayne County, RRAC and Friends of the Rouge submitted a grant application on September 1, 2010 that would allow the ARC and the Rouge River AOC to work with the state Rouge RAP coordinator to develop a delisting strategy for the Rouge River AOC. Additionally, the grant project will allow the ARC to incorporate community projects in the draft Watershed Management Plan update into the strategy to delist Beneficial Use Impairments in the Rouge River. This strategy will make the community projects eligible for future funding through federal grant programs.

The ARC application was approved on October 1, 2010 and some work was done under the 2010 budget with the remainder to be completed in 2011. The total grant amount is \$22,205.43. \$11,607.68 was billed in 2010. This amendment adjusts the 2011 budget to show the actual amount remaining to be billed in 2011 from \$13,323.43 to \$10,597.75 to show the real impact to the 2011 budget.

DESCRIPTION OF ANTICIPATED ACTIVITIES: This project was conducted to 1) refine and prioritize the list of activities recommended in 2008 to remove the loss of fish and wildlife habitat BUI in the Rouge AOC, 2) use the Rouge River Watershed Management Plan and other sources to categorize projects that should be in the Rouge AOC delisting strategy, and 3) inform and educate the public on restoration criteria and AOC delisting goals. Ultimately this project will provide MDNRE with the basis for a Stage II Remedial Action Plan for the Rouge AOC.

RATIONALE: This project will better align the ARC to successfully apply for federal grant funding for projects in 2011 and beyond.

BUDGET: This budget amendment corrects the budget line in the 2011 ARC budget from \$13,323.43 to \$10,597.75 and requires no ARC funds. This amendment simply corrects the budget line for SPAC2 in the 2011 budget.

PERSON/AGENCY RESPONSIBLE FOR IMPLEMENTATION: The ARC Executive Director Staff, in partnership with Wayne County and Friends of the Rouge will be responsible for the work.



Ongoing Grant Projects

Great Lakes Restoration Initiative (GLRI)

GLRI 1 (Transforming the Rouge)

- Valley Woods Wetland: in design phase (Southfield is paying for this as match)
- Rouge Park and Eliza Howell Park Grow Zones: in design phase; waiting for Memorandum of Understanding from the City of Detroit to do burns.
- Wayne County Lola Valley (Upper) and Lower Rouge Parkway Grow Zones: WC Parks has signed off on design; bid documents are being developed.
- Project QAPP was developed and approved by EPA
- First pre-monitoring benthics survey was held by FOTR and Wayne County on January 22
- Filed first quarterly report on EPA's GLAS system.

GLRI 2 (Danvers Pond Dam Removal)

- Staff is addressing comments from state on the permit for this project (Design was done in 2008 by ECT). Staff is also reviewing comments from the City of Farmington Hills

Rouge Round X

RPO 1

RGC Urban Habitat Improvement

- This IAA has been signed by Wayne County and can proceed.

RPO 2

Wayne Road Dam Removal Design

- A survey has been completed at the dam.

SPAC/BUI Delisting

- A presentation was made at the Technical Committee. The list of ARC/community projects being proposed in this document are on the ARC website for review by ARC members.
- Work must be done by March 31, with a final report due to the GLC by April 30.

2011 Grant Applications

NOAA Fisheries Grant; The ARC submitted a \$1.1 million proposal to remove Wayne Road dam and install native plants.

MDEQ Monitoring Grant: This grant is for \$50k to do water quality monitoring in the Upper and Main 1-2 E. coli priority areas to narrow down sewage discharges during dry weather conditions. The time frame for the project would be fall 2011 – winter 2013.

GLRI 2011: The ARC is partnering with the Alliance of Downriver Watersheds to submit the following grant:

Under Implement Lakewide Management Plan (LaMP) Projects(I.D.2, page 19), a \$300,000 project to install grow zones in schools through the Green Schools Program managed by Wayne County (it includes schools in the ADW and ARC) with workshops, public ed., etc.



Executive Director 2010 Annual Report



EXECUTIVE DIRECTOR 2010 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:

March 25, 2010 in Farmington Hills

Kelly Cave, Wayne County made the Rouge 2009 presentation, which was also presented at the Friends of the Rouge Annual Meeting. Nina Ignaczak, Oakland County Planning and Economic Development and Lisa McGill presented “Walled Lake, Cool City by the Lake.” Sally Petrella presented results from the FOTR survey of ARC members about FOTR services, and Executive Director James Ridgway presented the 2009 Executive Directors Annual Report.

September 9, 2010 in Southfield

Chuck Hersey, SEMCOG, spoke about SSO and SRF Voodoo Reform and Mark Mikesell, Ph.D. made a presentation about the Lower Rouge Great Lakes Legacy Act Site and the Rouge River AOC. The following policies were adopted: Officer Appointment Policy, Record Retention Policy, Property Management Policy, Travel Reimbursement Policy and the amended Purchasing Policy to include sole source as presented. Henry Ford Community College was accepted as an ARC Associate Member and Cranbrook Educational Community was accepted as an ARC Cooperating partner. The attorneys involved in the Michigan Department of Natural Resources and Environment (formerly Michigan Department of Environmental Quality) permit contested case gave an update to the ARC.

October 26, 2010 in Redford Township

The 2010 ARC budget amendments were approved. The 2011 ARC budget of \$2,002,097 was approved. The budget includes the following line items:

| | |
|---------------------------------|-------------|
| Executive Director Services: \$ | 169,771 |
| Finance Committee: | 11,500 |
| PIE Committee: | 137,840 |
| Technical Committee: | 207,100 |
| GLRI Grants: | 1,329,255 |
| Rouge Round X: | 133,308 |
| SPAC Grant: | 13,323 |
| Total: | \$2,002,097 |

The amendment to the ARC Purchasing Policy to include the determination of debarment or suspension status was approved.

B. EXECUTIVE COMMITTEE

Staff support was provided for five (5) 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 2, 2010, Canton Twp.
- ◆ March 23, 2010, Canton Twp.
- ◆ June 29, 2010, Canton Twp.
- ◆ August 26, 2010, Canton Twp.
- ◆ October 14, 2010, Southfield

C. ORGANIZATION COMMITTEE

Staff support was provided for five (5) Organization Committee meetings which were held on the following dates:

- ◆ March 11, 2010, Wayne County
Commerce Court
- ◆ May 19, 2010, Southfield
- ◆ July 13, 2010, Southfield
- ◆ September 1, 2010, Wayne County
Commerce Court
- ◆ November 3, 2010, Southfield

The Organization Committee spent 2010 working on an update of the strategic plan, writing and approving ARC policies and procedures, updating the ARC Bylaws and reviewing and recommending ARC Cooperating and Associate members. Additionally, the committee reviewed and recommended the 2011 Executive Director Services and Operations and ARC Membership Meeting Support budgets.

D. PUBLIC INVOLVEMENT AND EDUCATION (PIE) COMMITTEE

Staff support was provided for four (4) regular meetings, including preparation of the agenda (under the direction of the PIE Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Staff provided ongoing support services for the committee outside of regular meetings. PIE meetings were held on the following dates:

- ◆ February 25, 2010, Southfield
- ◆ April 14, 2010, Canton Twp.
- ◆ July 15, 2010, Beverly Hills
- ◆ October 28, 2010, Wayne County
Commerce Court

Specific PIE Committee activities are listed under Task 3.

E. TECHNICAL COMMITTEE

Staff support was provided for three (3) regular committee meetings and two (2) subcommittee meetings. Activities included preparation of the agenda (under the direction of the Technical Committee Chair), distribution of the materials prior to the meetings, facilitation of the meetings (including note-taking and record of actions taken), and preparation/distribution of meeting summaries to members and other interested parties. Ongoing committee support services were also provided. Technical Committee Meetings were held on the following dates:

- ◆ June 16, 2010, Plymouth Township
- ◆ August 24, 2010, Northville Township
- ◆ October 25, 2010, Southfield

Additional special subcommittee meetings were held. They were:

- ◆ June 9, 2010, ECT– Ann Arbor Beta Users Meeting – Permit Reporting System
- ◆ October 5, 2010, Phone Conference Collaborative Action Plan

Specific Technical Committee activities are listed under Task 4.

F. SUBWATERSHED ADVISORY GROUPS (SWAGS)

Staff support was provided for two (2) meetings each for the Lower 1/Middle 1 SWAGs and one meeting for the Middle 3/Lower 2 and Main 3-4 SWAG. 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. Staff also facilitated ranking activities for SWAG grants submitted for the Rouge Round X grants and discussion about revisions to the draft Rouge River Watershed Management Plan. 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:

- ◆ Lower 1/Middle 1 SWAG: March 30, 2010 in Northville Township and April 21, 2010 in Northville Township
- ◆ Middle 3/Lower 2 and Main 3-4 SWAG: March 31, 2010 in Livonia (Note: There was not a quorum, so grant ranking was done via e-mail)
- ◆ Main 1-2/Upper SWAG: March 27, 2010 in Farmington Hills and April 27, 2010 in Southfield.

G. FINANCE COMMITTEE

ECT worked with the Finance Committee to develop and administer the annual budget and work plan. ECT prepared monthly financial reports, mailed dues invoices to members, collected dues and paid the ARC's bills. ECT facilitated four (4) 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 except were indicated:

- ◆ February 1, 2010, Bloomfield Township
- ◆ June 7, 2010, Wayne County Commerce Court
- ◆ August 17, 2010, Wayne County Commerce Court
- ◆ September 21, 2010, Wayne County Commerce Court

H. ADMINISTRATIVE OVERSIGHT/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

The ARC did not receive any FOIA requests in 2010.

B. ROUTINE DISTRIBUTION OF MATERIALS

Materials distributed in 2010 included all meeting materials for the ARC Executive Committee, the ARC, the PIE, Technical, Organization, and Finance committees and all special meetings. Staff also distributed materials related to permit discussions with MDNRE, watershed management planning documents and flyers for upcoming events.

C. ARC WEBSITE MAINTENANCE

Please see PIE Committee Tasks, 3.d., in this report.

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 participated in the following activities:

Great Lakes Restoration Initiative Grants (GLRI)

The Executive Director reviewed and edited two ARC GLRI submittals due January 29, 2010 to the EPA and provided support letters for GLRI applications by SEMCOG and Cranbrook Institute of Science. Additionally, once GLRI grants were awarded to the ARC, the Executive Director responded to a variety of questions from the EPA regarding the application.

Grant Applications

The Executive Director reviewed grant applications to the Great Lakes Basin Program for Soil Erosion and Sediment Control, the EPA Targeted Watershed Program, the Rouge Program Office Round X grant program and the Statewide Public Advisory Council.

U.S. Army Corps of Engineers

The Executive Director and staff met with US Army Corps of Engineers on April 2, 2010 in Detroit to discuss potential projects.

Cities of the Future/Urban River Restoration 2010 Conference, Boston MA

The Executive Director presented the paper: *The Rouge River National Wet Weather Demonstration Project Eighteen Years of Documented Success* in Boston in March, 2010.

Gateway Partnership

The Executive Director met with Gateway Partnership representatives from Wayne County and the University of Michigan-Dearborn on April 19, 2010 to discuss partnership opportunities.

Statewide Public Advisory Council (SPAC)

The Executive Director and staff attended the SPAC meeting in Port Huron on June 8-9, 2010 for GLRI awardees and met with EPA officials in attendance.

Member Requests

ARC staff responded to inquiries from Walled Lake about existing fertilizer ordinances and Beverly Hills about possible projects.

Storm Water Permit Activities/ Michigan Department of Natural Resources and Environment

The Executive Director staff met with MDNRE to discuss ARC member audits on June 16, 2010. Staff attended the MDNRE information meeting about revocation of the 2008 permit on December 20, 2010 in Lansing. Staff provided an update of the meeting to ARC members and facilitated planning of a meeting with a subcommittee of ARC members regarding the revocation of the 2008 storm water permit.

More information about 2009 ARC grant submittals is located under Technical Committee Tasks, 4.c. in this report.

E. QUICK BOOKS MONTHLY TRACKING AND REPORTING

The ARC ED staff performs the ARC's financial responsibilities, including Quickbooks, dues collection, bill payments, grant reimbursement submittals, audit preparations and other financial activities.

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

Erb Foundation

ARC Staff and the ARC chair met with the Erb Foundation in Detroit on June 15, 2010 to discuss the potential for providing match to the ARC's GLRI application: *Transforming the Rouge AOC from Mowed Down to Grown Up*. ARC staff in partnership with FOTR developed a successful proposal to the Erb Foundation to fund the benthics macroinvertebrate sampling activities in the GLRI grant Transforming the Rouge AOC from Mowed Down to Grown Up. The grant is from 2011-12 for \$80,000. The Executive Director and staff met with the Erb Foundation in Birmingham on October 4, 2010 to discuss potential funding opportunities.

GLRI Grants

Staff drafted a press release regarding the GLRI award to the ARC for green infrastructure and the Danvers Pond dam removal.

ARC Benefits Brochure

Staff began drafting a marketing brochure for ARC members (completed in 2011)

ARCommunications Newsletter

The ARCommunications newsletter was written and sent to members in July, 2010.

H. ANNUAL REPORT

The 2009 ARC annual report was completed and submitted to the ARC in March, 2010.

TASK 3: PIE COMMITTEE TASKS

A. GREEN INFRASTRUCTURE CAMPAIGN

Grow Zone Projects

The ARC PIE Committee developed a Request for Proposals (RFP) for communities and organizations to submit project sites for the 2010 Green Infrastructure (Grow Zone) projects. ARC staff provided design, plant material and signage for the approved projects. The Grow Zone Subcommittee received nine proposals and funded all of them. They are:

1. Village of Bingham Farms (14 Mile Road/Bingham Lane): Turf grass replace with native plants



2. E.L. Johnson Nature Center (Bloomfield Township): Riparian Buffer
3. Canton Township Public Library: Roadway easement native planting
4. Canton Township Trailhead (Lower Rouge Trail): Wetland buffer
5. Canton Township (Sheldon/Warren roads): Wetland buffer
6. Cleveland Elementary School (Livonia): Schoolyard Habitat
7. Bicentennial Park (Livonia): Upland habitat and riparian buffer
8. Carpenter Lake (Southfield): Native Meadow
9. Northville Township (Six Mile and Sheldon roads): Grow Zone adjacent to foot path.



Total 2010 ARC grow zones acreage: 1.84 acres

ARC staff also visited 2009 and 2010 Grow Zone sites on July 8 and September 16, 2010 to inventory and assess plantings.

Wayne County Water Quality Management Division staff implemented Fall ARC Grow Zone workshop events for Cleveland Elementary School (2010 grow zone) in Livonia and Miller Elementary School (2009 grow zone) in Canton Township. Activities included presentations on “What is a Grow Zone,” “What is a Watershed,” and how the Grow Zones relate water quality, specifically benthic macro-invertebrate communities. The students learned how all three of these topics are interrelated and how they can help create a healthy environment.

Additionally Wayne County staff conducted volunteer work days at Bennett Arboretum and Newburgh Lake.

Fact sheets about the work days and school workshops are included in Attachment A.

Workshops

ARC Staff, in conjunction with Wayne County, the Alliance of Downriver Watersheds, SEMCOG, Lawrence Tech and others held a series of planning meetings to present a workshop for local communities regarding green infrastructure projects being conducted in Southeast Michigan. The workshop was planned for September, 2010, however, other workshops being held provided the same information. It is intended that this workshop will be presented in 2011. Remaining budget was used to promote and staff rain barrel sales and create a database of rain barrel purchasers for promotion of upcoming ARC events, including future rain barrel sales.

2010 Rain Barrel Sales

Two rain barrel sales were held in conjunction with Enviro-World. Dates, locations and number of participating residents are below.

- ◆ July 10, 2010 in Redford Township, 382 people bought 612 rain barrels.
- ◆ September 18, 2010 in Troy, 433 people bought 660 rain barrels (sold out)

The number of rain barrel purchasers by hometown is attached as Appendix B.

Additionally, ARC staff made a presentation about grow zones in the Rouge Watershed and the ARC Grow Zone Program at the DROM (schools facilities management) conference on June 23, 2010.



Green Schools

Wayne County staff facilitates the Green Schools program in Wayne and Oakland Counties for the PIE Committee. The state of Michigan has an official Michigan Green School Law, which



encourages all public and private schools to administer energy-saving and environmental activities in a suggested plan with 20 points. Any school that achieves 10 of these points in an academic year will receive an official Michigan Green School Designation. This year Wayne County's Green School program elected to provide additional environmental points for schools to receive higher designations under this program. The Emerald designation can be achieved by successfully participating in 15 points and the Evergreen designation can be achieved by successfully participating in 20

points. PIE Committee budget for this task was used to purchase 75 trees for schools that were new to the Green Schools program in 2010.

Wayne County Water Quality Management Division offered trees to 39 recognized Green Schools and Oakland County offered trees to 33 Green Schools in the Rouge Watershed. Of the 39 WC schools 23 (60%) accepted a tree and 12 of these accepted two trees. Of the 33 OC schools 12 (40%) accepted a tree and all 12 schools accepted two trees. Each school was provided tree planting instructions, the *Value of Trees flyer*, and information on registering the tree through the ARC website. The 18 remaining trees were given to Wayne County DPS-Roads

Forestry for planting within the Rouge River watershed. These sites will also be registered on the ARC website.

Staff visited the planting site of the 18 extra trees that were given to Wayne County DPS-Roads Forestry for planting within the Rouge River Watershed. These planting sites were registered on the ARC website and staff initiated the development of a project summary. The trees were planted on the County right of way at the intersection of Hines Drive, Farmington Road and Ann Arbor Trail.

The list of Rouge River Watershed Green Schools is attached as Appendix C.

B. RIPARIAN CORRIDOR MANAGEMENT BOOKLET

This task was postponed for much of the year for budget reasons. Ultimately, budget from this task was used to cover increased effort to write grants under the Technical Committee budget and budget needs related to management of the successful Great Lakes Restoration Initiative grants.

C. PUBLIC ED MATERIALS

Detention Pond Maintenance Manual Reprint

Canceled because there were approximately 1,500 manuals remaining from the previous year.

Pollution Prevention Materials

The PIE Committee used budget to purchase seedlings to distribute at area events rather than spend budget on printed materials. Wayne County used its ARC budget to purchase 1,500 seedlings to distribute. ARC staff used budget to coordinate a giveaway of 1,000 seedlings at Westland Mall during Wayne County's Household Hazardous Waste Event on August 28, 2010. Another 500 seedlings were distributed at the ARC rain barrel sale in the City of Troy on September 18, 2010. People were asked to register their planting location on the ARC Website. To date, 138 trees have been registered on the ARC Website



Management and Distribution

Staff developed labels, tree planting instructions and packaged the seedlings for the August 28 and September 18 events. Staff also distributed Detention Pond Maintenance Manuals to ARC members who requested them.

D. WEBSITE MAINTENANCE

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

E. FRIENDS OF THE ROUGE WATERSHED STEWARDSHIP AND REPORTING

Local & Regional Outreach

In the course of its work, FOTR attends a variety of local and regional meetings and community events to build partnerships, increase awareness of and promote Rouge River activities and volunteer opportunities, and educate the public. This task provides for FOTR staff to attend these meetings and events and provide promotional materials and other educational information, as necessary. The promotional/educational materials will include ARC, FOTR, and Rouge River Watershed information.

This task also includes distribution of an e-newsletter and use of a survey tool to ensure communities' needs are being met. Strong partnerships are necessary to establish and enhance local & regional outreach with communities, other non-profits and governmental agencies to educate and inform the public about key issues within the Rouge River Watershed and change behaviors that directly affect the health of the Rouge River Watershed. In the course of its work, FOTR promotes activities and attends a variety of local and regional meetings to build partnerships and promote Rouge River activities.

Annual Report

The Friends of the Rouge developed and generated an annual report of the activities it conducted in 2010 that assist ARC members to fulfill storm water permit requirements. The report includes the Frog and Toad Survey, Benthics Monitoring, Schoolyard Habitat, Rouge Education Project (REP), River Restoration, and Rouge Rescue. Information includes meeting or event dates; workshop dates; number of volunteers attending each event; residency of volunteers, REP Schools, number of students per school, number of teachers per school, monitoring locations for each school; a list of dates, locations for REP workshops and a list of schools that participated. **The Friends of the Rouge Annual Report is attached as Appendix D.**

F. WMP REVISIONS

Staff met with the ARC SWAGS to discuss the revisions requested by MDNRE. Additionally, ARC staff completed many of the revisions/corrections requested by MDNRE. The largest revision requested by MDNRE was in Chapter 6, the Rouge River Watershed Action Plan. Staff continued to revise that chapter based on MDNRE comments which involved choosing priority areas by pollutant based on modeling and also designating watershed-wide priority protection and restoration areas.

TASK 4: TECHNICAL COMMITTEE TASKS

A. ROUGE RIVER WATERSHED MONITORING ACTIVITIES

DO/Flow Monitoring

During 2007, the Technical Committee drafted a new set of goals for the new Five-year monitoring plan that were based on the assumption that grant funding would not be available to continue the extensive monitoring program previously undertaken in the watershed. In 2008, the Technical Committee drafted a Five-year Monitoring Plan for the watershed, which reduced the amount and type of monitoring occurring throughout the watershed. The Five-Year Plan summarizes the manner in which restoration progress will be measured in the watershed and is included in the draft Watershed Management Plan. The 2010 activities specified in the Five-Year Plan included biological, physical and hydrologic monitoring at specified locations. In 2010, flow and dissolved oxygen monitoring was completed by USGS at site U05 on the Upper Branch. A summary of this data is included in the Water Quality Summary.

Geomorphology

A Geomorphology Survey was completed by Wayne County that provided baseline data regarding channel stability at multiple sites throughout the watershed. In December, staff prepared and began summarizing the Rouge geomorphology data. Ten sites were surveyed in 2010, three in the Main Rouge, one in the Upper Rouge, four in the Middle Rouge and two along the Lower Rouge River. Using the tractive force ratio calculation four sites were calculated to be “aggrading”, five sites were “stable”, and one site was calculated to be “eroding”. WQMD staff also reviewed and commented on the Friends of the Rouge’s draft 2010 Frog and Toad Survey report. Data was also reviewed and formatted in preparation for mapping of the results of the Fall, 2010 Rouge benthic monitoring.

Water Quality Summary

A Water Quality Summary, describing the results of the 2009 flow and DO data collection effort and an assessment of historic data trends, was completed by CDM and include the following components:

- ◆ Acquiring the rainfall, flow and continuous temperature and dissolved oxygen data,
- ◆ Reviewing the data for anomalies,
- ◆ Loading the data into the ARC web-based water quality database and maintaining the database,
- ◆ Analyzing the data for temporal trends,
- ◆ Assigning the data to wet and dry weather conditions, and
- ◆ Graphing of the data.

The final report is available at www.allianceofrougecommunities.com.

Macroinvertebrate Monitoring

Friends of the Rouge coordinated volunteers in monitoring Rouge streams for benthic macroinvertebrates from January-December, 2010. Friends of the Rouge (FOTR) coordinated

volunteers in monitoring wadable Rouge streams for benthic macroinvertebrates from January-December, 2009. Activities include training team leaders and organizing sampling events twice a year (spring and fall) and an additional sampling event for winter stoneflies only in January, 2010. A minimum of 20-24 sites at each event were sampled with the potential for additional sites dependent on available team leaders. The spring and fall events include a habitat survey and identification of any outfalls. Each event included field identification backed by specimen collection at each site, verification in the lab, and a data report covering number of volunteers involved, sites sampled and monitoring results.

- ◆ Ninety-four volunteers attended FOTR's 2010 Winter Stonefly Search on January 23, 2010 hosted at the University of Michigan-Dearborn Environmental Interpretive Center. A group of students from Eastern Michigan University participated for the second year in a row. Wayne County Department of Public Services Water Quality Management Division (WC) sampled an additional two sites and Schoolcraft College students sampled one site on their campus. Stoneflies were found for the first time in the Main Branch and the type found is a new species for this program. After eight years of sampling tributaries and major branches of the Main Rouge, a broadbacked stonefly (Taeniopterygidae) was found on February 9, 2010 at Eight Mile and Telegraph by Wayne County staff.
- ◆ In the spring of 2010, benthic macroinvertebrate sampling at 48 sites on Rouge River tributaries and branches was completed. Twenty-six sites were sampled by FOTR volunteers and staff, 21 sites were sampled by Wayne County Department of Public Service Water Quality Management Division, and one site was sampled by Schoolcraft College students. Most of FOTR's sites were sampled on April 24-25, 2010 during the Spring Bug Hunt in which 110 volunteers participated.
- ◆ In the fall of 2010, benthic macroinvertebrate sampling at 47 Rouge tributary and river sites was completed. Twenty-two sites were sampled by 69 volunteers, 21 sites were sampled by Wayne County Department of Public Services, and one site was sampled by Schoolcraft College students.

Reports for the 2010 Winter Stonefly Search, the 2010 Spring Bug Hunt and the 2010 Fall Bug hunt are available at www.allianceofrougecommunities.com and www.therouge.org

Monitoring Brochure

This activity was canceled and budget was transferred to TC3 (Pursuing Grant Opportunities).

B. COLLABORATIVE STORM WATER ACTION PLAN IMPLEMENTATION

The main purpose of this initiative is to implement the proposed ARC Storm Water Action Plan by focusing on efforts that can be completed on a watershed-wide basis, thereby reducing workload and costs to individual ARC members associated with the NPDES Phase II permit. The two focus areas addressed under this initiative are 1) illicit discharge elimination and 2) storm water reporting.

The Collaborative Illicit Discharge Elimination Plan (IDEP) and Action Plan

Wayne County completed the Storm Water Action Plan for submittal to ARC members. The Plan outlines the watershed-wide activities and strategies needed to reduce *E. coli* in the Rouge River. ARC staff worked with Wayne County to collaborate the WMP plan actions with a Collaborative IDEP plan to address the MS4 permit requirements.

Outfall Mapping

Wayne County staff completed a watershed-wide GIS map of known outfalls/discharge points for the watershed. This was accomplished by collecting all electronic data outfall/discharge point data to create a database/map with known information such as ownership, size, material, etc. An electronic database is available to all ARC members with the location and ownership (if known) of Rouge outfalls discharging to waters of the state.

IDEP Field Investigations

Wayne and Oakland County IDEP staff conducted concentrated field investigations in Rouge River Watershed priority areas to further isolate problem areas, identify illicit connections, and take corrective action to remove them. Oakland County identified seven illicit connections during their 2010 efforts. Wayne County Water Quality Management Division (WCWQMD) staff continued implementing the Clean Michigan Initiative grant project *IDEP Rouge River Watershed from Residential Areas* and providing IDEP services under the ARC's 2010 TC2 budget line item. Significant effort was conducted in the Perrin Drain, City of Inkster. Meetings were held with the City of Inkster and the City agreed to assist in the investigation including providing trained staff to perform confined space entry. Storm sewer manholes were investigated. Twenty-one samples were collected and analyzed. Elevated ammonia and surfactant concentrations were present in storm sewer manholes along the Magnolia Street. Additional investigation will occur in 2011 to try and identify and eliminate the source of these elevated pollution concentrations. WCWQMD staff also prepared for IDEP advanced investigation work within Plymouth Township as a result of the suspicious discharges identified during the routine Tonquish Creek drain inspection performed in 2010. Tributary drainage areas were identified and a facilities list compiled in preparation for dye-testing inspections to be performed in 2011. **The Oakland County and Wayne County IDEP Reports are attached as Appendix E.**

IDEP Training

Wayne County and ARC staff held one IDEP training for the ARC held in Canton Township on May 12, 2010. ARC staff also updated the graphics and formatting of the IDEP training PowerPoint presentation to look more professional and to be compatible with Microsoft Office 2007 software. **The revised presentation is attached as Appendix F.**

Storm Water Reporting System

ARC Staff continued to refine the web-based Rouge River Storm Water Reporting System developed in 2009. The system offers ARC members a web-based mechanism for Phase II permit reporting to the Michigan Department of Natural Resources and Environment. The

Online Storm Water Reporting System is a step towards having one ARC storm water report for the MDEQ, which will ease the burden on community staff. The reporting system allows for comments on each entry and for back-up files to the uploaded report, which will be beneficial during an audit. Reporting will be available on an individual member basis and on a watershed-wide basis. Activities for 2010 included:

- ◆ The system was beta-tested and refined in 2010 using actual reporting data from ARC members.
- ◆ One ARC member (The City of Troy) submitted its Annual Report using the Online Reporting System) to the MDNRE, soliciting feedback for the rest of the ARC members. No response has been received, as of January 2011, and
- ◆ ARC Staff gave a presentation of the Online Reporting System at the Michigan Water and Environment Association, Watershed Committee Conference on December 9, 2010.

The watershed-wide reporting feature will be functional by the end of 2011. ARC staff will conduct a training session at each SWAG meeting to demonstrate how to use the system in 2011. The draft reporting system can be found at <http://www.arcswpqi.com>.

C. PURSUING GRANT OPPORTUNITIES

ARC staff worked throughout the 2010 budget year to pursue federal and local grants. The ARC wrote five successful grant applications for awards totaling \$1,473,547. They are:

| Org | Project | Total Cost | Grant Funds | Match | Success? |
|---------|---|------------|-------------|------------------------------|----------|
| GLRI | Danvers Pond Dam Removal | \$499,255 | \$499,255 | \$0 | Yes |
| GLRI | Transforming the Rouge AOC (Green Infrastructure) | \$830,000 | \$648,750 | \$181,250 (ARC: \$15,000) | Yes |
| RPO | Wayne Road Dam Removal Design | \$115,100 | \$57,550 | ARC: \$57,550 | Yes |
| RPO | Urban Habitat Improvement – Rouge Green Corridor | \$15,869 | \$7,349 | ARC: \$0 Other: \$8,520 | Yes |
| GLC/PAC | BUI Delisting | \$22,405 | \$22,405 | \$0 | Yes |

The ARC also submitted two grant applications to the Great Lakes Basin Program for Soil Erosion and Sediment Control and both were denied. Additionally, the ARC submitted a grant application to the EPA Targeted Watersheds program which was also denied.

D. LAND COVER INVENTORY

Work began in 2009 to create a land cover inventory for the Rouge River Watershed. A land cover inventory allows for an analysis of aerial photography to determine the extent of pervious (green) and impervious (gray) land cover across the watershed. This information enables the ARC to better quantify and communicate the economic and environmental benefits of using green infrastructure in the watershed, as well as provide the ARC a method to evaluate the impact of future development using traditional engineering methods versus more “green” engineering methods.

Wayne County Water Quality Management Division staff provided support to the ARC for the Land Cover dataset acquisition and continues to provide ongoing data handling and analysis services. CityGreen© software is being used to assess and summarize the percentage of green infrastructure and the storm water benefits for each of the seven storm water management areas.

In 2010, datasets were distributed to all ARC members for areas within the Rouge River Watershed boundaries. Those municipalities with land area outside of the Rouge were given the option to purchase additional non-Rouge data. The original data is housed on a server that can be accessed by ARC staff.

Full Appendices can be found on the highlights section of the ARC website at www.allianceofrougecommunities.com