

# Detroit River PAC Meeting notes

Wednesday, January 23, 2013 3 – 5pm

Belle Isle Nature Zoo

## 1. PAC Administration

- a. Introductions – see attached sign in sheet.
- b. Agenda comments/revisions/additions/updates shared electronically
  - i. No changes to agenda.
- c. New PAC Chair – Mary Bohling of Michigan Sea Grant. Mary is also the Statewide Public Advisory Council (SPAC) Chair and is involved in many other AOCs. She is very qualified to fill this position.

## 2. Identifying Priority Projects

- a. BUI Tracking Matrix (Pathways to BUI removal)
  - i. Updates on each BUI – see handouts on delisting targets/status of each BUI (as available)
    1. Drinking water – removed
    2. Tainting of fish & wildlife flavor – PAC proposed removal; update next meeting
    3. Restrictions on Dredging – under state assessment
    4. Degradation of benthos – under state assessment
    5. Loss of fish & wildlife Habitat/loss of fish & wildlife populations – see Pathways handout
      - a. Delisting target states that the BUIs can be removed when all projects in Habitat plan have been completed.
      - b. Habitat plan created in 2009 with 20 projects. Needs updating based on new information from USGS. Also need to pare down the list to about 10 projects that will get the Detroit River to BUI removal for these 2 BUIs. Looking for the “no regrets” projects that are NEEDED for the river. ECT was hired by EPA to assist the PAC in updating the project list.
      - c. PAC needs a sub-committee of individuals to update the habitat projects list. Approximately 6 months to complete the update, beginning in mid-February. Please let Mary or Tricia know if you are interested in being a part of the sub-committee.
      - d. All decisions made for the update will be made by technical experts (who are on the sub-committee) and will be documented.
    6. Restrictions on fish/wildlife consumption – See Pathways presentation
      - a. Michigan Department of Community Health

7. Fish tumors/deformities
  - a. Canadians have population issues with the Brown Bullhead, so they couldn't use the Brown Bullhead because they weren't able to collect a large enough sample size for statistical analysis. Proposing to use PAHs in sediment to use for removal
8. Bird/Animal Deformities
  - a. Based on state assessment, it is due to local sources
  - b. PAC needs to determine the local sources
    - i. State identified 2 sources.
9. Benthos
  - a. Sediment mapping project as PAC support grant.
    - i. By end of April, target sites will be established
    - ii. Once target sites are identified, PAC can focus on remediation efforts
    - iii. Canadian professor is looking for funding to conduct a benthic analysis of the entire river.
10. Beach Closings
  - a. CSO discharges are limiting our BUI removal.
    - i. DWSD is applying for NPDES permit.
      1. Plan for addressing CSOs = "TBD".
      2. PAC wants to provide comment during comment period making them aware that the CSO discharges are preventing this BUI removal. If a plan is in place with a timeline, then the PAC can recommend removal based on that plan.
11. Aesthetics
  - a. Underwent statewide assessment last year
  - b. Not recommended for removal
    - i. CSOs
    - ii. 1 property that requires remediation (due to unnatural physical material)
      1. State is working with the property owner to develop a remediation plan.
    - iii. PAC supports the continuation of the Pathways process. Mary Bohling (PAC Chair), Melanie Foose (MDEQ AOC coordinator), and Rose Ellison (EPA) will proceed with the Pathways for each remaining BUI with summary of next steps. They will put together the pathways for each BUI and bring back to the PAC for approval. Natalie would like to remain involved in this process.
- b. Update to Fish & Wildlife Project List
  - i. EPA hired ECT to assist the PAC in updating the habitat project list.
  - ii. First meeting mid-February
  - iii. Complete update within 6 months

- iv. Need individuals to participate in the committee that will be responsible for updating the list.
- v. Mary needs to give ECT a Scope of Work.
- c. ECT Database
  - i. Jeff Edstrom presented on the benefits and uses of the database developed for AOCs in geographically demonstrating trouble areas and potential project sites.
    - 1. Helps document the status of the BUIs, projects targeted to aid in removal, and set priorities
    - 2. Connected to GIS to use maps to show current areas.
  - ii. Rose is concerned that the database has little use for the Detroit AOC. The Pathways process seems to be doing the same thing. Mary is concerned about database update/maintenance. This would need to fall on the shoulders of one individual.
  - iii. PAC gave approval for ECT to input the available information into the database and requested an update at the next PAC meeting so the PAC can determine if ECT should continue with the database creation or if it is not going to serve a purpose for the Detroit PAC.

### 3. Other items

- a. 2013 Grant Opportunities
  - i. PAC support funding for FDR management of the PAC. Will allow Tricia to have continued involvement.
  - ii. NOAA grants (can submit 2 construction projects and 2 design/engineering projects) – due February 27, 2012
    - 1. Lake Okanoka – to be submitted as 1 of 2 habitat construction projects;
      - a. Who will be putting together the grant application?
      - b. Paul Evanoff (JJR) can put together the conceptual design and cost estimate
    - 2. Stoney and Celeron Island – to be submitted as habitat design and engineering projects. (together or separate?) Need to address the alternatives/preferred treatment options to clearly show that we have kept in mind in the design phase that we do not want to change the hydrology in a way that will re-suspend contaminated sediment.
      - a. John Bona (ECT) will assist with grant application preparation
      - b. State or FDR as fiduciary?
    - 3. Subcommittee to move forward with grant applications
      - a. Paul Evanoff, John Bona, Peter, Bob Burns
  - iii. Healing Our Waters – was not discussed further.

### 4. Next Meeting Dates (Meetings moved to Mondays from 2-4pm)

- a. Monday, March 18, 2013
- b. Monday, May 20, 2013 (tentative)
- c. Monday, July 22, 2013 (tentative)

### 5. Adjournment

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## DETROIT RIVER RAP PUBLIC ADVISORY COUNCIL MEETING

**LOCATION: Belle Isle Nature Zoo**

**Monday March 18, 2013  
2:00 – 4:00 pm**

### **1.0 PAC Administration**

Agenda Comments / Revisions / Additions / Updates shared electronically  
Introductions

### **2.0 Identifying Priority Projects**

Presentation: Restoration of Sturgeon Spawning Habitat in the Detroit River by Dr. Bruce Manny, USGS  
(NEXT MTG: Michelle Bruneau, MDCH on Fish Tumors & other Deformities)

### **3.0 2013-14 Monitoring Needs**

- additional sampling for tumors depending on what we get from USFWS. (Tumors BUI)
- bald eagle monitoring and testing of forage fish for PCBs. (B/A Def BUI) – recommended in SW assessment
- identification of sources contributing to deformities, especially chironomid mouth deformities (B/A Def BUI) – recommended in SW assessment
- follow-up monitoring for completed habitat projects, Blue Heron Lagoon and South Fishing Pier (Habitat BUI)
- pre-monitoring for habitat sites (Habitat BUI)

### **4.0 Committee Updates**

Sediment Mapping Project  
F&W Tech Committee Forming – 1<sup>st</sup> mtg March 21, 2013  
Tainting of Fish & Wildlife Flavor – Joint CA/US Celebration Committee needed

### **5.0 Other Items**

2013 NOAA Habitat Restoration Grants submitted for Stony and Celeron Islands  
2013 Great Lakes Commission PAC Support Grant submitted  
2013 HOW – FWF FDR/PAC Support submitted  
Detroit Water & Sewerage Comments submitted (copies distributed)

### **6.0 Next Meeting Dates -**

Monday, May 20, 2013  
Monday, July 22, 2013

**Adjourn**

# Detroit River PAC Meeting notes

Monday, March 18, 2013 2 – 4pm

Belle Isle Nature Zoo

## 1. PAC Administration

- a. Introductions – see attached sign in sheet.
- b. Agenda comments/revisions/additions/updates shared electronically
  - i. Bruce Manny was scheduled to present as item 2 on the agenda, but is running late, so the meeting will proceed and return to item 2 once he arrives.
- c. Updates were shared electronically via email.

## 2. 2013-14 Monitoring needs

- a. 4 Agencies meeting in February – asked the DEQ to put together a list of the monitoring needs for the AOC.
  - i. Fish Tumors BUI was evaluated via GLRI grant to MDCH
    1. Sent map of sampling locations to be approved by PAC (Grassy Island, Peche Island, and some other locations) but no sampling in Trenton Channel. There are known tumor problems in Trenton Channel.
    2. PAC asks any researchers that catch brown bullhead send it to MDCH for analysis. (MDCH does not have enough \$ to go out and sample, but will run the analyses).
    3. Natalie suggested coordination with Ken Driard. He is doing sediment sampling and assessment.
  - ii. Discussion on Bird & Animal Deformities. There is concern on the population of the birds that would be used to evaluate the impairment.

## 3. Identifying Priority Projects – Dr. Bruce Manny, USGS

Presentation: Restoration of Sturgeon Spawning Habitat in the Detroit River

- a. Spawning reefs have been installed in the River over the past 10 years and the scientists involved have learned quite a bit about the ideal habitat/substrate and flow conditions that are ideal for sturgeon spawning.
  - i. 2004 – Constructed Belle Isle Reef
    1. Materials used (different substrate based on existing research)
      - a. Shot rock 8-12”
      - b. Rounded rock 8-10” in diameter
      - c. Coal Cinders from DTE power plant
    2. Fish around reef: 14 native species (2 sturgeon but no sturgeon eggs)
  - ii. 2009 – Constructed Fighting Island Reef on Canadian side on hard clay bottom, 28-29 foot depth, fast flow
    1. Materials used
      - a. Broken limestone
      - b. Rounded rock

- c. Mixture of rounded rock and broken limestone
    - 2. Fish around reef: Sturgeon spawning next spring (2010), lake whitefish, walleye, & about 12 other species using the habitat for spawning
  - iii. 2012 – Middle Channel (St. Clair River)
    - 1. Materials used
      - a. 4-8" broken limestone
    - 2. Construction Feb-March and Sturgeon were observed spawning DURING CONSTRUCTION (3 of 9 beds were completed by the time the sturgeon started utilizing them)!
  - iv. 2012 – NW Belle Isle Reef (constructed as part of the Blue Heron Lagoon Habitat restoration project).
- b. USGS used modeling to show water depth and velocity to determine ideal spawning grounds for Sturgeon. Areas ideal for Sturgeon will also be ideal for Lake Whitefish. Identified 105 sites ideal for habitat restoration (eg: the "Big Bend"). Used various sampling techniques to determine what fish were present at a site, and what fish are spawning. Sampling proves that these habitat restoration methods are successfully reaching the goals of various conservation plans.
 

Spawning reefs planned for the near term (and/or funded):

  - i. Fort Wayne Reef (construction summer of 2013)
  - ii. Fighting Island Reef Expansion
  - iii. NE Grassy Island Reef (design will continue this year)
  - iv. NE Belle Isle Reef
  - v. Fort Wayne Reef Expansion

#### **4. Committee Update**

- a. Sediment Mapping update by Bob Burns
  - i. Reviewed available data from approximately 30 studies.
  - ii. Final report by end of April.
  - iii. Working with EPA, DEQ, & University of Windsor to determine dangerous levels of contamination (primary contaminants: Hg, PCBs, PAHs)
  - iv. Have several maps predicting where sedimentation is occurring and could contain a concentration of contaminants that may require remediation.
  - v. Next meeting Friday, 3/22/13 at 1:30pm at the Belle Isle Nature Zoo.
  - vi. Goal – have list of sites for investigation and pare down this list to a list of remediation sites.
- b. Fish & Wildlife Technical Committee is having its first meeting 3/21/13 at 1pm at the Belle Isle Nature Zoo.
  - i. Reviewing the 2009 BUI removal plan. Evaluate the 19 projects currently on the list, remove those unnecessary and add new sites based on new data (eg: spawning sites).
  - ii. EPA contracted ECT to document the decisions made by the committee and update the document

- iii. Goal – narrow the list of projects to those key AOC priority projects necessary for BUI removal.
- iv. If any of the projects identified as priorities for the AOC are within contaminated sediment areas, then the site may be tied with Great Lakes Legacy Act funding.
- c. Tainting of Fish & Wildlife
  - i. US and Canada have both recommended removal of the BUI
  - ii. Let Tricia know if you want to help plan the celebration (fish fry anyone?)
  - iii. Both US & Canada feel they will complete the removal process by 9/31/13.

**5. Other items**

- a. 2013/14 Grant Opportunities
  - i. PAC support funding for FDR management of the PAC. Will allow Tricia to have continued involvement. Sediment mapping project, BUI pathways project.
  - ii. NOAA grants
    - 1. Stoney and Celeron Island –submitted as 2 of 2 habitat design and engineering projects.
  - iii. HOW Coalition – FWF FDR/PAC Support
- b. Detroit Water & Sewerage NPDES Permit Application – PAC provided comment during public comment review period. A handout of the PAC comments was available.

**6. Other Comments**

- a. Jeff Rahm from Wayne State submitted a letter of commitment that a pre-proposal will be submitted to the Michigan Water Center for continued monitoring for Blue Heron Lagoon for post-construction monitoring. This would be monitoring up to 3 years post-construction.
- b. Wayne State University, University of Windsor, Alliance for the Great Lakes, and ECT are submitting a U of M grant application for data compiling of contaminants of emerging concern. Rose suggested focusing on the Lake Erie LaMP for verbiage to use as support for that grant application.

**7. Next Meeting Dates – meetings now Mondays from 2-4pm to better accommodate schedules.**

- a. Monday, May 20, 2013 – location TBD
- b. Monday, July 22, 2013 (tentative)

**8. Adjournment**

# Detroit River PAC Meeting notes

Monday, July 22, 2013 2 – 4pm

Friends of the Detroit River Office

## 1. PAC Administration

- a. Introductions – see attached sign in sheet.
- b. Agenda comments/revisions/additions/updates shared electronically
  - i. Updates were shared electronically via email.

## 2. BUI Pathways Presentation

- a. Loss of F & W Habitat/Degradation of F & W Populations
  - i. Currently revising plan with updated list of required projects
  - ii. Once projects in updated plan are completed, the BUI can be recommended for removal.
- b. Restrictions on F & W Consumption
  - i. Need a study of comparison of Detroit River fish tissue as compared to control site. (New or existing data)
- c. Fish Tumors
  - i. Wait to see what comes from other collections in the Trenton Channel and revisit this in the fall to determine what our next steps are.
  - ii. This delisting metric is a little confusing across the basin.
- d. Bird or Animal Deformities or Reproductive Problems
  - i. Per statewide assessment (complete), Detroit River AOC is still impaired.
  - ii. Gathering forage fish data and nesting bird data (next spring) to see trends and potentially move farther on the removal pathway.
- e. Degradation of Benthos
  - i. Sediment Mapping Project
    - 1. 5 regions identified as contaminated sediment areas.
      - a. Need to perform site characterization of those 5 regions (100% federally paid – 2 should be done this year, 3 next year)
      - b. Identify specific locations where sediment remediation needs to take place.
      - c. Develop approved site remediation plans.
      - d. Implement projects (need non-federal partners).
      - e. Remove BUI.
    - ii. Mudpuppy scheduled Ecorse/Rouge shoreline late September.
    - iii. Mudpuppy scheduled for Celeron in October.
    - iv. Canadians are finding in-river reference sites to be used as comparison for their own BUI removal process.
- f. Beach Closings
  - i. CSOs must be corrected prior to BUI can be removed. May need policy change.



### 3. Committee Updates

- a. Sediment Mapping Project
  - i. Complete. No money to print final deliverable.
  - ii. Copies will be available for distribution at next PAC meeting.
- b. F&W Technical Committee – Revised timeline
  - i. Should have completed in September.
  - ii. RFP will be coming out possibly before the revised project list is finalized. PAC approved that the next projects to propose for funding (until further review of updated list) would be:
    - 1. Lake Okonoka
    - 2. Milliken State Park Pocket Marsh
- c. Tainting of F&W Flavor (first BUI redesignation on Canadian side of Detroit River, first bi-national BUI removal for the Detroit River AOC)
  - i. Bob, Mary, Tricia, Natalie, Melanie – met to plan BUI removal event.
  - ii. Looking at possible venues (Fighting Island?).
  - iii. Early October.
  - iv. Fish fry via portable fry truck.
  - v. Inviting high level officials (Oct 1, 2, & 3 will not be good for feds).

### 4. Report from Summer SPAC meeting on July 10-11 in Muskegon

- a. Saw GLLA video – Mary will send out link to video to PAC members
- b. Rick Hobrla – gave history of the AOCs
- c. Mark Tuchman – gave report from US EPA
  - i. Mary talked with Mark regarding the work that is happening in the Trenton Channel. Should be a public meeting in September. You should hear about that via email. (feasibility/design)
  - ii. Listed Priority AOCs that we all knew about already (St. Clair River, River Raisin, etc.)
  - iii. Listed “Contenders” for 2018 (will likely get pushed off)
    - 1. **DETROIT RIVER AOC**
    - 2. Clinton River
- d. Upcoming dates:
  - i. FDR Dinner Cruise – September 5
  - ii. Great Lakes Week – September 9-12 in Milwaukee, WI
  - iii. SE Michigan AOC Summit (Raisin, Rouge, Clinton, Detroit, St. Clair) – October 18
  - iv. State of Lake MI Conference – October 15-17 in Sheboygan, WI
  - v. Great Lakes AOC conference moved to Spring 2014 (NOT during Great Lakes Week).

### 5. Member Updates

- a. Fort Wayne Reef – Sea Grant and U of M collected bids last week. Added acreage to some of the reefs (4 bids for the St. Clair reefs and 3 bids for Ft. Wayne)
  - i. For St. Clair and Detroit River land owners are the riparian land owners NOT the state or feds.

- ii. Lake Carriers Association submitted letter opposing the project due to the potential for the props to tear up the constructed reefs.
  - iii. USGS announced Fighting Island and other Middle Channel Reefs are already accumulating sand buildup. USGS will take river velocities to confirm model.
- b. Canadian updates
- i. Natalie and Melanie put together a report to update the 4 agencies.
  - ii. Submitted Beach Closings redesignation report on May 24 to the Canadian Ontario agreement annex implementation committee. (waiting for the Canada/Ontario Agreement to get signed)
  - iii. Working on delisting strategy – similar to the pathway to delisting.
  - iv. Listed as AOC for delisting by 2017 or 2018.
  - v. Aesthetics survey – data compiled to report. Dealing with issues with turbidity.
  - vi. Events
    - 1. Boat Tour
    - 2. Detroit River Evening
    - 3. Pesche Island Day event and Film Screening – in November
  - vii. Great lakes Sustainability Fund – federal. Funded 5 projects for the Detroit River. Watershed Projects, non-point source remediation, habitat projects, lake sturgeon spawning habitat (expansion of fighting island reef), shoreline project at Le Farge (near 350m shoreline softening)
  - viii. Benthics survey conducted on entire river in the next year.
  - ix. Ojibway Shores – last remaining natural shoreline on Canadian side. Port Authority wanted to clear cut and fill. Public came out to oppose (350 people).

## **6. Other Items**

- a. HOW grant letter of intent for invasive species control on eastern tip of Belle Isle (Paul, Suzann, Sam, etc).
- b. Great Lakes Fisheries Trust grant RFP out now.
- c. Report handout for the 4 agencies meeting.

## **7. Next Meeting Dates – 2-4pm**

- a. Monday, September 16, 2013 – location TBD
- b. Monday, November 18, 2013 – with social after meeting

## **8. Adjournment**



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**DETROIT RIVER RAP PUBLIC ADVISORY COUNCIL MEETING**

**LOCATION: FDR Office**  
20600 Eureka Road Suite 313,  
Taylor MI 48180  
**Conference room is located  
on the Lower Level/Basement**

**Monday Sept 16, 2013**  
**2:00 – 4:00 pm**

- 1.0 PAC Administration**
    - Agenda Comments / Revisions / Additions
    - Introductions
  
  - 2.0 ECT Presentation**
    - Summary of the TMDL Study & Results by Meghan Price
  
  - 3.0 Project Updates**
    - Stony & Celeron Island Feasibility study
    - F&W Tech Committee – Discussion of current draft
    - Tainting of Fish & Wildlife Flavor Celebration Update
    - PAC Website - [http://www.detroitriver.org/pac\\_home.htm](http://www.detroitriver.org/pac_home.htm)
  
  - 4.0 Plans for fall SPAC mtg in Detroit - (Second week of Nov)**
    - Upcoming Dates
      - State of Lake MI Conference – Oct 15-17 Sheboygan, WI
      - SE MI AOC Conference – Oct 18 Detroit
      - State of the Strait Conference – October 28 University of Windsor
      - SPAC Fall Mtg – tentative dates Nov 13-14 Dossin Museum
      - Great Lakes AOC Conference – Spring 2014 Chicago, IL
  
  - 5.0 Member Updates**
    - Events and Happenings relevant to AOC goals & activities
  
  - 6.0 Other Items**
  
  - 6.0 Next Meeting Dates -**
    - Nov 18<sup>th</sup>, 2013 2pm – 4pm - After glow location?
      - FDR Office - Drinks & Apps
      - Malarkeys - under construction
      - Big Bear Lodge
  
    - Jan 13 , 3014
- Adjourn**

# Detroit River PAC Meeting notes

Monday, November 18, 2013 2 – 4pm

Big Bear Lodge, 25253 Telegraph Rd., Brownstown Twp, MI 48134

## 1. PAC Administration

- a. Introductions – see attached sign in sheet.
- b. Agenda comments/revisions/additions

## 2. Updates

- a. BUI Status White Paper – (handout) Detroit may be interested in developing this.
  - i. White Lake AOC did this and it is a nice, concise way to provide updates on the work that remains to be done. It is a few sentences per BUI, could be updated at the beginning of each year. Relatively simple.
- b. MDEQ Aesthetics Assessment report (handout) – No discussion, Mary had extra copies on hand at the meeting, available to those interested in a copy.
- c. SPAC Meeting Report Out –
  - i. AOC Conference in Chicago: noon-noon March 18-19, 2014;
  - ii. Suggestions of holding the Michigan SPAC meeting after AOC conference in Chicago from noon-4pm on the 19<sup>th</sup>.
  - iii. Life after delisting – current thought is that the non-AOC issues should roll into the LAMP program.
- d. EPA Trenton Channel Sediment Cleanup – Education and Remedial Design outreach
  - i. January 15, 16, or 23 for Public Meeting;
  - ii. Feasibility study complete. Next phase is remedial design, which will determine what needs to be dredged, where, and how much.
  - iii. Is some upstream contamination from Rouge River to Upper Trenton Channel, but it is negligible.
  - iv. BASF, Arkema, Union Carbide are non-federal project partners (not necessarily responsible parties);
  - v. PAC has been requested to create public outreach and education for the project
    1. Information sessions for school kids?
    2. Fish release?
- e. Detroit River Canadian Clean Up efforts
  - i. BUI Removal Bi-National Celebration –tentatively scheduled April 30<sup>th</sup> on Fighting Island.
    1. US BUI removal has been approved. CA BUI removal has not been approved because all removal requests on hold until Canada/Ontario agreement is re-signed (under negotiations).
    2. Fighting Island is an American owned island in Canadian waters.
    3. Bus and ferry will bring everyone to the island from the CA shore.
    4. Fish truck will provide lunch.

- ii. Beach Closings BUI has also been recommended by the CA PAC for re-designation. Still waiting on that one as well.
- iii. Phytoplankton/Zooplankton trying to redesignate, addressing comments on the writing of the recommendation. Doug Haffner
- iv. Aesthetics BUI will be presented to their work group. They will be investigating the possible re-designation of this BUI.
- v. Signage for lake sturgeon fish habitat restoration – spawning site off of Fighting Island plus expansion. Between Fighting Island and LaSalle. First project in Canadian waters that was completely bi-national.
- vi. State of the Strait. October 2013. Great information was shared.
  - 1. “How much habitat is enough?” great resource and something to strive for, even if not practical for our watershed.
- vii. Working on delisting plan for each BUI. There is a list of required actions for each BUI. This document also lists in less detail the actions that will be needed after delisting, which will roll into the LAMP.

### **3. Draft Fish and Wildlife Delisting Plan (handout)**

- a. The document was reviewed to accept and address comments. The group went through the document page by page. – see attached notes.
- b. Additional items to Mary by December 13, 2013.

### **4. Other Items**

- a. Rose and Melanie will meet with all federal partners, please let them know what our upcoming target projects are.
- b. Next projects to submit for funding:
  - i. Lake Okonoka – design/build project next application. RFP coming out in January. We need to be ready to prepare the application.
  - ii. Milliken State Park – design as long as the State is ready and willing.
- c. Site characterization priorities
  - i. Three more to do.
    - 1. Last piece of the Trenton Channel,
    - 2. River bend area, and
    - 3. Around Belle Isle.
- d. Sediment handout at the Trenton Channel public meeting? Need \$\$ to print it.

### **5. Next Meeting dates:**

- a. January 13, 2014; 1-3pm @ Friends of the Detroit River office
- b. March 3, 2014; 2-4pm @ Friends of the Detroit River office
- c. May (TBD)

### **6. Adjourn to social**

## **Notes on discussion of the Fish & Wildlife Habitat BUIs Delisting document**

### **Cover**

- Continue to adjust date as appropriate until finalized.
- Use photos from FDR (Bob and Tricia will work on that)
- Remove ECT logo from cover page.

### **Acknowledgements**

- Getting confusing because this is an update. Show just names of those who provided input into this version?
- Add the following:
  - Change David Mufsud to “David A. Mifsud”
  - Richard Kick IV, Belle Isle Conservancy
  - Mebby Pearson, Belle Isle Conservancy
  - Tricia Blicharski, Friends of the Detroit River
  - Meghan Price, ECT, Inc.
  - Gary Town (previous versions)
- Email Mary if you notice others missing

### **Priority Project list at front of document**

- Check consistency of the Hennepin Marsh project on project lists throughout the document. (remove #2 on page 18, remove bullet 7 from page 2).
- Add “\*Projects listed in order from upstream to downstream, not in order of importance.”
- Just 10 projects needed for removal.
- Ideally, this page will be replaced with the overall map, which will have a list of the projects in a key.
- Detroit River Reefs. Removing names in case those specific sites don’t work, we will still add the habitat somewhere.
- Move Sugar Island to the desirable list (NOTE – Sugar was put back on the final list after the January 2014 PAC meeting). Per conversations between EPA and DNR.

### **Table of Contents**

- Need to update once the rest of the document is complete.

### **General document**

- Send grammar, misspellings, etc. please email to Mary.
- ECT will provide individual project maps and one overall river map showing all project locations.
- Section 1.0
  - Page 2, remove US Steel and Hennepin Marsh from bullet list, make this name/status or rationale for removal; maybe make a table.
  - Update # of projects on page 2 and page 3.
- Section 2.0
- Section 3.0

- Section 4.0
  - Add # of herps species in first paragraph
  - Need citation for 4<sup>th</sup> paragraph
  - Change “redhorse sp.” to “redhorse sucker”.
  - Verify reference on last paragraph of page 8
  - Thomas and Towns reference – still in review? Pg 9
  - Change “species of concern” to “species of interest within the AOC”.
  - David Mifsud to add paragraphs on herps within the AOC region, after “fish populations” and before “bird paragraphs”.
  - Dragonflies and butterflies should get removed from the “bird” section and create a new section for pollinators, if referenced elsewhere in the plan.
  - Go back to Tim Karl and Suzanne Campbell to confirm the removal of the pollinators text from the Upper Detroit Parks project.
  - Add “due to loss of habitat and predation” to the reference on lost common tern nests.
  - Section 4.2 – Natalie will send revisions on paragraph 3 and 6.
  - Section needs concluding paragraph – Melanie will create.
- Section 5.0
  - First paragraph, last sentence change to “removal of two BUIs” not “delisting”.
  - Remove Table 2.
- Section 6.0
  - Second bullet: write out ERCA “Essex Region Conservation Authority”
  - Third bullet: Add completed projects & reverse list.
    - Rose and Natalie will revise the list. Bob has input. Make more concise.
- Section 7.0
  - First page will be revised
    - Update project list
    - Remove list of projects that were removed from required list.
  - Project Sheets
    - All need maps
    - Check formatting on all to maintain consistency
    - Detroit River Reefs
      - Fix heading to remove locations
      - Paul will send graphic/map
      - Move references from end of Reefs project sheet to reference section at the end of the document.
    - Upper Detroit Riverfront Parks
      - Check on pollinators
      - David M. to send specifics for herps
      - Objectives section needs to be more general and/or the Actions section more specific.
      - Make it a total project cost instead of broken down.

- Change timetable to be one project.
    - Change design timetable to be 12 months
  - Belle Isle Forested Wetland
    - Actions – anything missing let Mary know.
  - Lake Okonoka
    - Needs new drawings from JJR – looks like it is calling out the prairie habitat area instead of the Lake project area.
  - Milliken State Park...
  - Grassy Island (this project has been removed as of January 2014)
  - Hennepin Marsh
    - Bob will revise this project sheet to highlight the shoal as a desired aspect of the project
  - Stony Island – design funded
  - Sugar Island
    - Moving off of our list (this project was put back on the list as of January 2014)
  - Celeron – design funded
- Section 8.0
    - Required section, but not to be a place to update project status.
  - Section 9.0
    - Will get references added from Reefs project sheet