

Bayou Chico BMAP – Meeting Minutes
 Technical Working Group Meeting #3
 October 15, 2009
 Pensacola City Hall

Attendees:

Organization		Maps-on-the-Table Pre-Meeting (10/14/09 – morning)	Bayou Chico Boat Tour (10/14/09 - afternoon)	Follow-up Technical Meeting (10/15/09)
BARC	Mary Gutierrez	-	-	X
Bayou Chico Association	John Naybor	X	X	X
BREAM	J.D. Brown	X	X	X
ECUA	Tim Haag	X	X	X
Escambia County	Chips Kirschenfeld	X	X	X
Escambia County	Sava Varazo	X	X	
Escambia County	Joy Blackmon	-	-	X
Escambia County	Robert Turpin	X	X	-
Escambia County	Jeri Folse	-	X	-
Escambia County	Erin Percifull	-	X	-
Escambia County Health Dept	Phillip Davies	X	X	X
Escambia County Health Dept	Louvi Donado	-	X	X
EPA Region IV	Frank Baker	X	X	X
EPA Region – Gulf Breeze Lab	Mike Lewis			X
FDEP (Tallahassee – WPCS)	Bonita Gorham	X	X	X
FDEP (Pensacola)	Brad Hartshorn	X	X	X
FDEP (Pensacola)	Jonathon Colmer	X	X	
FDOT District 3	Jim Kapinos	-	-	X
MACTEC Engineering	Steve Freeman	-	-	X
MACTEC Engineering	Ann Shortelle	-	-	X
Pensacola Yacht Club	Sam Foreman	-	-	X
(City of) Pensacola	Al Garza	X	-	X
Private Citizen	Barbara Albrecht	X	X	X
Private Citizen (Marina Owner)	Rick Higdon	X	X	-
SAIC	Kathleen Harrigan	X	X	X
TransMontaigne	Larry Buxton	-	X	-
UWF	Carl Mohrherr	X	X	X

Three technical meetings regarding Bayou Chico were held over October 14 – 15, 2009. The first was a “maps on the table” meeting held at the Island Cove Marina on the morning of October 14th. Second was a boat tour of the bayou that left and returned to Island Cove Marina on the afternoon of October 14th. Boats were provided by Rick Higdon and Escambia County. The third was a meeting held the morning of October 15th at the Pensacola City Hall. Items discussed and photographs taken during the meetings on the 14th were reviewed during the meeting on the 15th. The notes presented here are from the meeting on the 15th but address key observations and action items identified during the both days. They are arranged as follows:

Bayou Chico BMAP – Meeting Minutes
Technical Working Group Meeting #3
October 15, 2009
Pensacola City Hall

- Observations (Changes in Bayou Chico during the past few years)
- New Information
- Possible Projects
- Questions
- Action Items
- Next Steps

At the end of the notes a photo log from the boat tour is included with the captions/comments provided by the group during the meeting on the 15th.

Observations (Changes in Bayou Chico during the past few years)

- Previously there were more derelict vessels in the Bayou. Most have been cleaned up and removed, except those that are underwater at high tide (e.g., sunken sail boat, metal barge)
- A grant has been applied for to remove all old wooden structures (e.g., wooden barges and piers) in Bayou Chico and Bayou Texar
- More big boats are moored at docks at private homes
- Few boats are anchored in the turning basin
- The hydraulic exchange has improved since the channel dredging in 2008
 - o Seems like high tides are higher and low tides are lower since the dredging
 - o Seems like water clarity has improved
 - Al Garza noted that in Bayou Texar more sediment is brought into the Bayou (and deposited) with the tide than leaves. He questioned if the same phenomenon is at work in Bayou Chico.
- Boats are more faithfully being pumped out with the existence of more clean out facilities (3 at the mouth of Bayou Chico)
- ECUA has completed sewerage phases 1 – 3 of the Lakewood subdivision and all of the Edgewater subdivision since Hurricane Ivan. There is an 80-85% hook-up rate.
- The new bridge at Navy Blvd will increase the hydraulic opening
- The big Bayou Chico bridge (Barrancas) was been installed (late 1990's – 2000). The channel was widened, a railroad trestle removed, and a stormwater pond was installed beneath the bridge at Pace and Barrancas.
- Railroad bridge at UWF Sample Station #8 was removed pre-Ivan (~late 1990's).

New Information

Bayou Chico BMAP – Meeting Minutes
Technical Working Group Meeting #3
October 15, 2009
Pensacola City Hall

- FDOT – Jim Kapinos clarified information regarding a stormwater contribution from outside the Bayou Chico basin that had been mentioned at a previous meeting. In the late 1960's stormwater flow from W Street was routed to a hole/pond at the Baptist Hospital. FDOT has the responsibility to pump the water from the hole. They have a 99 year lease and do the maintenance for the pump system every couple of months. They do not maintain the hole/pond.
- ECUA – Tim Haag announced that at the September meeting the ECUA Board approved seeking a bond to fund phase 4 of the Lakewood subdivision sewerage project.
- Escambia County – Chips Kirshenfeld noted that preliminary analysis of monitoring data on inflow and outflow of the Lake Jackson Stormwater Pond (at the Clark Sandpit site) indicates ~80% reduction in bacteria from the treatment in the pond. This data is from 5 storm events. Two more events will be monitored before final data compilation and analysis.
- Escambia County – Chips Kirshenfeld noted that grant funding has been received to replace the corrugated steel weir at W Street.
- Rick Higdon (present at the meetings on the 14th) announced that he has received a permit for construction of a ~60 slip marina on Bayou Chico south of Navy Blvd. The permit also addresses dredging the fill near the old railroad trestle (WF Sample Station #9) to widen the channel due south of the marina.
- John Naybor of the Bayou Chico Association commented that ~\$9,000 in outreach funds may be available from the association to support this effort.

Possible Projects:

- Al Garza (City of Pensacola), Chips Kirshenfeld (Escambia County) and Rick Higdon may consider a proposal to dredge the sediment at the old railroad trestle bridge (UWF Sample Station #9).
 - o John Naybor will get a local contractor to provide Rick Higdon with an estimate of the cost. (& permitting)
 - o Frank Baker suggested that perhaps NOAA or the US COE could provide some money towards the effort.
- John Naybor suggested that the Bayou Chico Association could use outreach funds to support a storm drain stenciling project and/or a pet waste clean-up education campaign. The Boy Scouts may be able to support the effort.
 - o Mary Gutierrez noted that many materials may be readily available from BARC for distribution by the association.
 - o Phillip Davies noted [after the close of the meeting] that he is an assistant Scout Master with the Boy Scouts and could help coordinate an effort with the Boy Scouts for volunteer support and/or Eagle Scout projects.

Other Questions/Concerns Needing to be addressed:

Bayou Chico BMAP – Meeting Minutes
Technical Working Group Meeting #3
October 15, 2009
Pensacola City Hall

- Frank Baker had reviewed STORET data and noted that improvements were not being seen. Had been asking what else needs to be done. [EPA's data review and questions has been raised at a previous meeting. The group had wondered what information was being reviewed by EPA.]
- Al Garza raised the issue of stormwater discharges from the Reichold property.
- Chips K. asked about the contribution bacterial colonies in the Bayou Chico sediments make to the impairment.
- Carl M. asked about the contribution of nutrients from ground water fueling the bacterial population in the Bayou.
- Al and Chips mentioned a 54" drainage pipe at W Street (under the bridge) with drainage from the County and a smaller pipe at W Street from the City.

Action Items:

- Tim Haag offered to:
 - o Confirm the presence or absence of sewer in the area north of Navy Blvd (Myrtle Grove).
 - o Provide DEP with the configuration of the sewer system
 - o Provide DEP with the database on the fats/oils/grease program
 - o Provide DEP with the data on locations of private lift stations
- Chips K. will provide the data compilation for the Lake Jackson stormwater pond by the end of the year (needs two more monitoring events).
- Escambia County is still working on a map of stormwater outfalls with defined drainage basins.
- City of Pensacola will contact us to provide GIS shape files of existing land use in the city portions of our stakeholder map, and a map of stormwater outfalls with defined drainage basins.
- DOH will provide DEP with GIS information on groundwater flow patterns for the basin.
- Brad Hartshorn will review the permits for the site to determine what discharges are coming from the site to the Bayou.
- Bonita Gorham will check with the WMD regarding groundwater modeling done prior to the use of Clark's Sandpit for spoil disposal.
- Bonita Gorham will check on efforts in Little Sabine Bay (e.g., long term mooring ordinance, no wake zone, restricted bird feeding areas) and in Destin (e.g., no discharge zone and authorization of the Harbor Master to inspect and hold vessels that do not have 'y' valve properly secured).

Next Steps

- Participants will each review the projects they have submitted to DEP and consider the level the relative importance of that project in addressing fecal coliform impairments in the Bayou.
- DEP will develop a draft BMAP for review and discussion at a meeting in February.
- Next meeting date was tentatively selected – December 16th (or sometime that week)

Photo Log:

Group reviewed photos taken during the boat tour and developed captions. A selection of these photos will be posted on the DEP ftp site.

142679 – L Street ditch discharge at Pensacola Yacht Club Beach

Two 36" mains discharge from this ditch. Water is collected from Garden Street and American Creosote property (Superfund site with PCB contamination). There is some stormwater treatment at K Street and Barrancas.

EPA Region IV Remediation staff are considering what to do with the ditch. Frank Baker noted that some type of constructed wetland may be possible.

142681 – Pensacola Yacht Club Beach west of K Street

142683 – Sander's Beach east of boat ramp

DOH samples weekly in the water east of the boat ramp. Westerly drift of the current means samples may not capture any contribution from the L Street Ditch.

142684 – Pensacola Yacht Club

142685 – Chico Marina

142686 – L Street ditch and Pensacola Yacht Club west of K Street

142687 – L Street ditch and Pensacola Yacht Club Beach

142688 – At the mouth of Bayou Chico

142689 – At the mouth looking back into Bayou Chico

142690 – Runyan's Shipyard on north side of Bayou

142691 – Auto Shred Industries on north side of Bayou

Bayou Chico BMAP – Meeting Minutes
Technical Working Group Meeting #3
October 15, 2009
Pensacola City Hall

142692 – Condominium complex (renovated nursing home) south of Navy Blvd

142693 – Site of the proposed marina south of Navy Blvd (owner: Rick Higdon)

142694 – FDOT construction of new bridge at Navy Blvd

New bridge is wider than existing bridge to increase hydraulic circulation. New span has a 40 – 50' hydraulic opening. Estimated completion in late 2010; including removal of existing bridge.

142695 – FDOT construction at Navy Blvd

142696 – Vacant lot near UWF Sample Station #13 (north of Navy Blvd)
Lot is owned by the estate of Calvin Todd; approx 5.3 acres.

142697 – Looking east down eastern branch of Bayou Chico at UWF Sample Station #14

142698 – South west corner of western branch of Bayou Chico (towards Jackson Creek)

142699 – South side of western branch of Bayou Chico (heading towards Jackson Creek)

142700 – Western end of western branch of Bayou Chico (at discharge of Jackson Creek)

142703 – Western end of western branch of Bayou Chico (at discharge of Jackson Creek)

142705 – Bottom sediment at Jackson Creek outfall in western branch of Bayou Chico

142707 – South side of eastern branch of Bayou Chico

142709 – Stormwater drain on north side of eastern branch of Bayou Chico (at Patti residence)

142710 – Stormwater drain on north side of eastern branch of Bayou Chico (at Patti residence)

142711 – South side of eastern branch of Bayou Chico (with resident fishing)

142712 – Patti's shipyard on west end of channel in Bayou Chico

142713 – Patti's shipyard on west end of channel in Bayou Chico

142714 – Bilge water from barge at Patti's shipyard

142715 – Private marinas on north shore of Jones Creek in Bayou Chico

142716 – Private marinas on north shore of Jones Creek in Bayou Chico

Bayou Chico BMAP – Meeting Minutes
Technical Working Group Meeting #3
October 15, 2009
Pensacola City Hall

142717 – Private marinas on north shore of Jones Creek in Bayou Chico

142718 – Private marinas on north shore of Jones Creek in Bayou Chico

142719 – Unofficial mooring field near Bayou Chico turning basin (UWF Sample Station #21)

142720 – Unofficial mooring field near Bayou Chico turning basin (UWF Sample Station #21)

1010161 – Chico Marina

1010162 – Chico Marina

10163 – Old train trestle west of UWF Sample Station #3 (east of Runyan's / west of Oar House)

10164 – Stormwater drain under Oar House Restaurant
Does not deposit a lot of sediment

10165 – Bahia Mar Marina next to UWF Sample Station #2
Under the dock there is a 36" stormwater drain

10166 – Pensacola Yacht Club

10167 – Pensacola Yacht Club Beach and boat ramp at Sander's Beach

10168 - Pensacola Yacht Club Beach and boat ramp at Sander's Beach

10169 – Across from Pensacola Yacht Club

10170 – Oar House Restaurant

10171 – Part of Runyan's property (the 'ways' on the north shore of Bayou Chico at UWF Sample Station #4)

10172– Part of Runyan's property (the 'ways' on the north shore of Bayou Chico at UWF Sample Station #4)