

Watershed Protection Plan Update



NOVEMBER 18, 2010



Watershed Modeling and Monitoring



- TCEQ has accepted the Quality Assurance Project Plan (QAPP) for modeling
- H-GAC proposes to use the SELECT model, the EPD-Riv1 model and XPSWMM.
- H-GAC is now working on a RFP (Request for Proposals) to find a subcontractor

Watershed Modeling and Monitoring



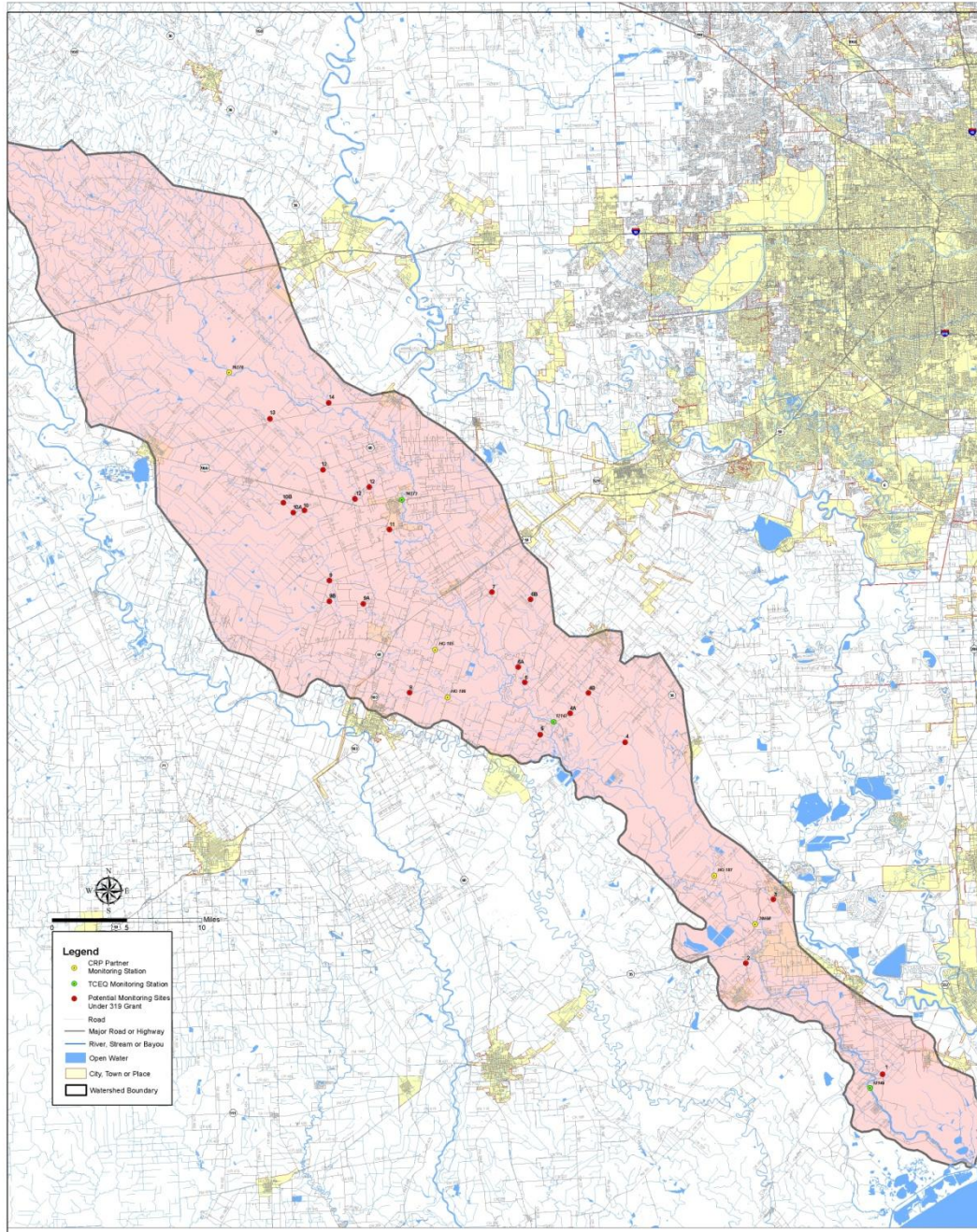
- Additional funds from the Westfield Estates project that H-GAC is working on are being directed to the San Bernard Watershed
- These funds will be used for additional monitoring to evaluate BMP effectiveness and for additional modeling within the watershed in early 2011
- We are currently applying for funding for additional monitoring for late 2011 to 2013

319 Grant Application to TSSWCB




- H-GAC is applying for 319 funding from the TSSWCB for additional monitoring in the watershed
- This includes:
 - 10 additional monitoring sites to be monitored twice per season in wet and dry weather over the course of 2 years
 - Automated storm event monitoring at 3 sites during 4 storm events over the course of a year
 - Increasing routine ambient monitoring to a monthly schedule for the course of 1 year in addition to quarterly monitoring at 5 H-GAC sites

San Bernard River Watershed



Potential Monitoring Sites for 319 Funding



	Name	Cross Road	Location
1	Unnamed Tributary	FM 2611	
2	Unnamed Tributary	FM 1459	
3	Bells Creek	SH 35	SW of West Columbia
4	Cedar Creek	CR 522	At Armstrong Road
4a	Cedar Creek	FM 442	S/SW of Needville
4b	Buffalo Creek	FM 442	S/SW of Needville
5	Bee Tree Bayou	FM 442	N/NE of Boling
6	Snake Creek	Moody	SW of Needville
6a	Snake Creek	Tierra Grande	SW of Needville
6b	Snake Creek	Modena School Rd off Meyer Rd	W of Needville
7	Turke Creek	Darst Rd	E of Kendleton
8	Baughman Slough	CR 129	NE of Wharton
9	West Bernard Creek		NW of Hungerford
9a	Sandy Branch	CR 213 or CR 207	
9b	Clarks Branch	CR 211	
10	West Bernard Creek	CR 252	W of East Bernard
10a	Gum Tree Branch	CR 250/CR 254	W of East Bernard
10b	Dewberry Branch	CR 250/CR 254	W of East Bernard
11	Britt Branch	FM 2919 or SH 60	
12	Middle Bernard Creek	CR 291 or CR 289	Near Middle Bernard Cemetery
13	Middle Bernard Creek	FM 1093	E of Eagle Lake
14	East Bernard Creek	FM 1093	W of HWY 36 and E of Eagle Lake

Friends of the River San Bernard SEP



- SEPs are environmentally beneficial projects that a respondent agrees to undertake in the settlement of an enforcement action but which the respondent is not otherwise legally required to perform. Dollars directed to TCEQ approved environmental projects may be used to offset assessed penalties in enforcement actions.
- Through a SEP, a respondent in an enforcement matter can choose to invest penalty dollars in improving the environment, rather than paying into the Texas General Revenue Fund
- Municipalities and Industries that receive TCEQ fines now have an option to keep part of their SEP funds local

Friends of the River San Bernard SEP



- SEP funds will be used to acquire conservation easements and provide permanent protection
- The holder of the easements will be Wetlands America Trust which is affiliated with Ducks Unlimited
- This project will aim to preserve 645 acres of contiguous wetland corridor along the San Bernard River in Fort Bend County
- Eligible counties include: Austin, Brazoria, Colorado, Fort Bend, Wharton and Matagorda
- Protection of this area will:
 - Help prevent pollution
 - Enhance environmental quality
 - Reduce pollutants reaching the river
 - Preserve habitat for migratory birds and other wetland dependant habitat

Upcoming Tasks/ Next Meeting



- Upcoming tasks include starting the draft of the plan
 - This will be emailed to stakeholder group members at least two weeks prior to the next meeting
- Next meeting scheduled for February 17 in West Columbia