

Dickinson Bayou Watershed Partnership

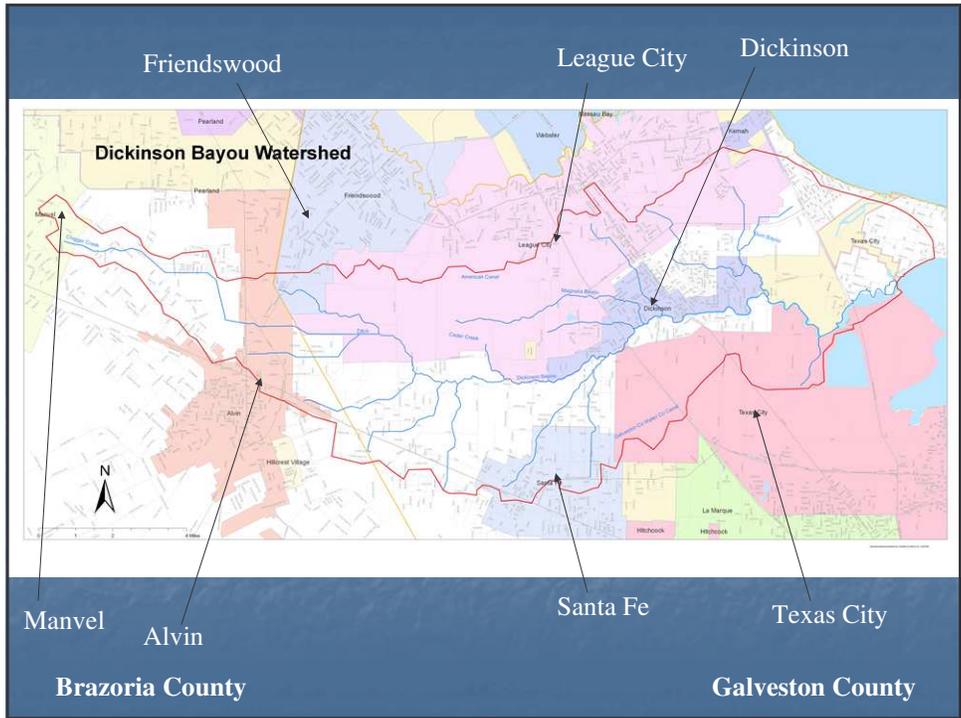
Susan Benner
Watershed Coordinator
Texas Cooperative Extension/Texas Sea Grant



Dickinson Bayou Watershed Partnership

Purpose of the project

To develop and implement a
voluntary consensus based
watershed protection plan for
the Dickinson Bayou Watershed

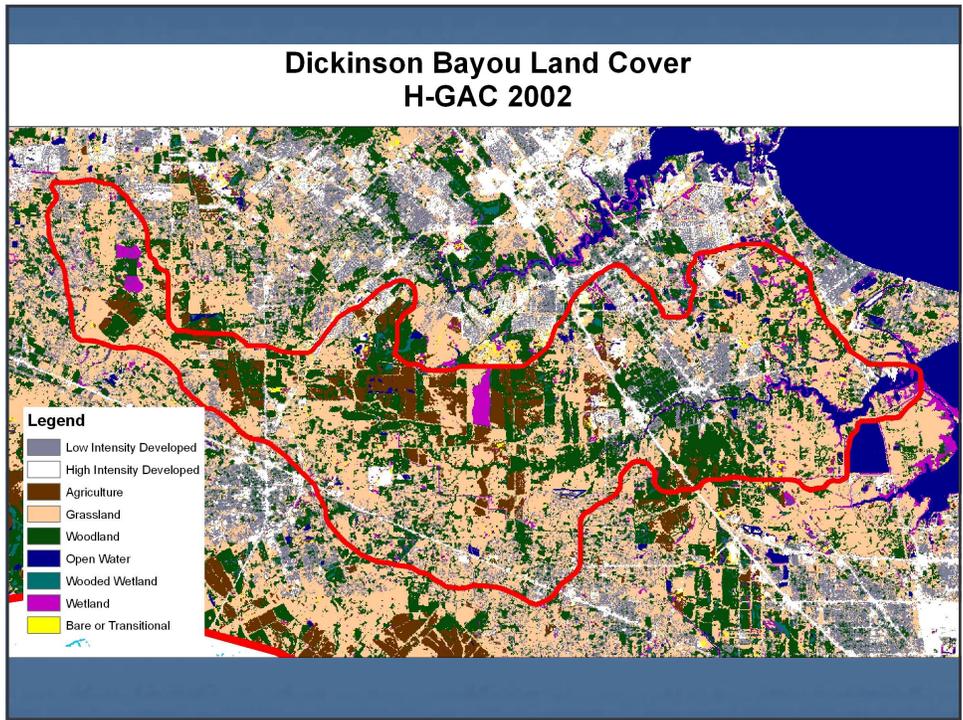


Dickinson TMDL

Dickinson Bayou has been included on every 303(d) list prepared by the state of Texas since 1976

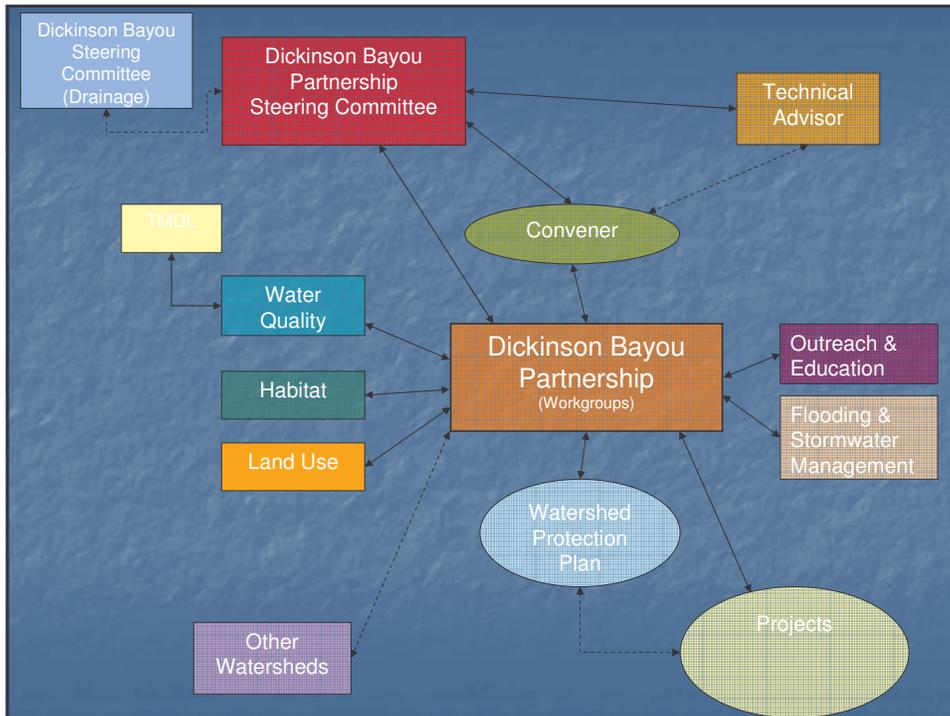
2004 Impairments

Above Tidal	1104	Contact Recreation	Bacteria
Tidal	1103	Contact Recreation	Bacteria
		Aquatic Life	Dissolved Oxygen
			Oxygen



Dickinson Bayou - Land Use Land Cover - HGAC Land Cover 2002

ObjectID	Value		Count	area/cell (m2)	area/lulc (m2)	area/lulc (sqmi)	%
0	1	Low Intensity Developed	26,576	900	23,918,400	9.34	8.8%
1	2	High Intensity Developed	16,507	900	14,856,300	5.80	5.5%
2	3	Agriculture	27,115	900	24,403,500	9.53	9.0%
3	4	Grassland	129,340	900	116,406,000	45.47	43.0%
4	5	Woodland	80,396	900	72,356,400	28.26	26.7%
5	6	Open Water	7,086	900	6,377,400	2.49	2.4%
6	7	Wooded Wetland	2,239	900	2,015,100	0.79	0.7%
7	8	Wetland	9,539	900	8,585,100	3.35	3.2%
8	9	Bare or Transitional	2,159	900	1,943,100	0.76	0.7%
				Total	270,861,300	106	100%



Dickinson Bayou Watershed

- **Partnership**
 - Meet at least 2x a year
 - Made up of local, regional and state stakeholders
- **Steering Committee**
 - Meet at least 4x a year
 - Members from the Partnership
 - Committee will assist in the development of the plan and coordination of the partnership and workgroups
- **Workgroups (Habitat, Water Quality, Education/Outreach, Land Use, Flooding/Stormwater)**
 - Meet as needed
 - Formed out of priorities/subject areas of interest
 - Share information, generate ideas, review work, develop subject content of the plan and foster consensus and implementation of the plan

Dickinson Bayou Watershed Steering Committee

Type	# of Positions	Name/Organization
Agencies	5	TX Parks and Wildlife, GBEP, US Fish and Wildlife, NOAA, GLO
Business	3	Hillman's Shrimp & Oyster & Penreco
City, City Agencies	6	Santa Fe, League City, Dickinson, Texas City
Related Not-for Profits	6	Galveston Bay Foundation, Master Naturalist, TPL, TNC, and Keep Dickinson Beautiful
Residents	4	
Universities	2	University of Houston – Clear Lake, TX Coop. Ext. and College of the Mainland
Agriculture	1	Waters Davis Soil and Water Conservation District
Council of Governments	1	Houston-Galveston Area Council
Drainage and Water Districts	2	Galveston WCID #1

Meeting Schedule To Date

- Partnership/TMDL Meeting December '05
- Task Force Meeting January '06
- Data Inventory Meeting January '06
- Steering Committee Meeting February '06
- Workgroup Meetings March – April '06
- Partnership Meeting April 19th '06



Dickinson Bayou Watershed Partnership
Steering Committee Meeting
February 10th



FLOODING - *How is my home going to be affected by the next flood?*

URBAN SPRAWL - *Can there be a balance between natural space and development?*



WATER QUALITY - *Will my grandchildren be able to fish in Dickinson Bayou?*

How should these questions be answered for Dickinson Bayou?

Have your say in the matter, join the Dickinson Bayou Watershed Partnership at the next meeting.

**April 19, 2006
6 - 8 p.m.**

**Nessler Center - Captain's Room
2010 5th Avenue North
Texas City, TX 77590**

For more information go to www.dickinsonbayou.org
or call Susan Benner, TX Coastal Watershed Program
at 281-218-6340

Galveston Bay Watershed Academic Partnership

The Galveston Bay Watershed Academic Partnership (GBWAP) is a program of *Earth Force Texas* and is a collaborative effort among Earth Force, [YouthLaunch](#), [the Galveston Bay Foundation](#), [GBEP](#), [UHCL](#), and several local environmental education and watershed groups on putting students in leadership roles in ecosystem research, the monitoring of local waterways, restoring habitats, and participating in other environmental service-action projects.

Galveston Bay Watershed Academic Partnership

[Brent Stafford](#)

YouthLaunch-Earth Force Texas

17324-A Highway 3

Webster, Texas 77598

Phone (281) 332-3381

Fax (281) 332-3153

<http://www.earthforce.org/section/offices/texas/>

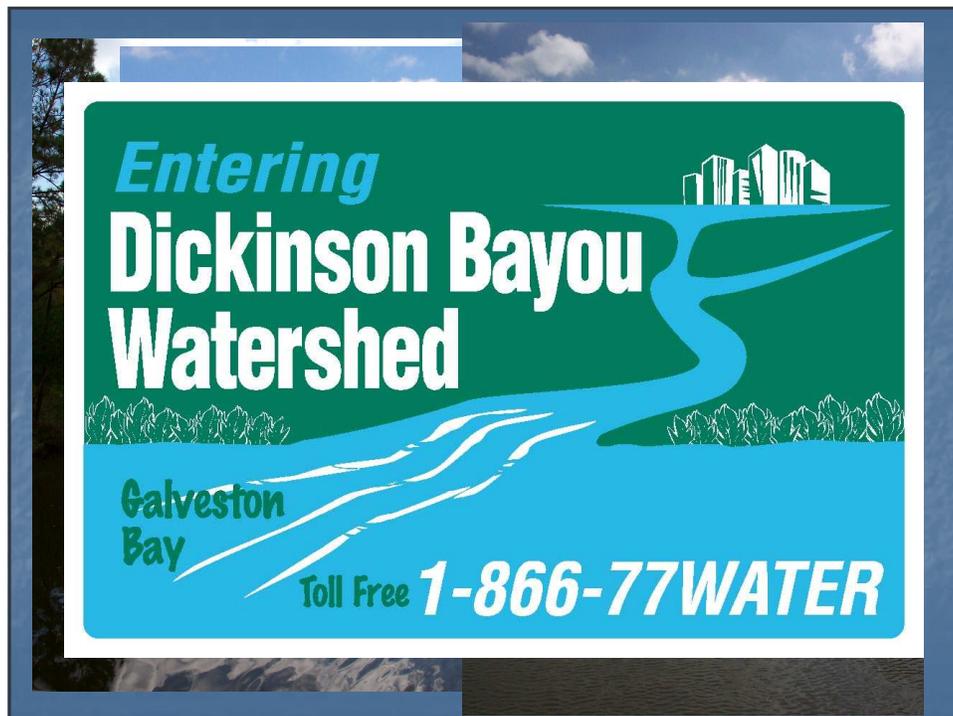
Dickinson Bayou Watershed Plan Elements

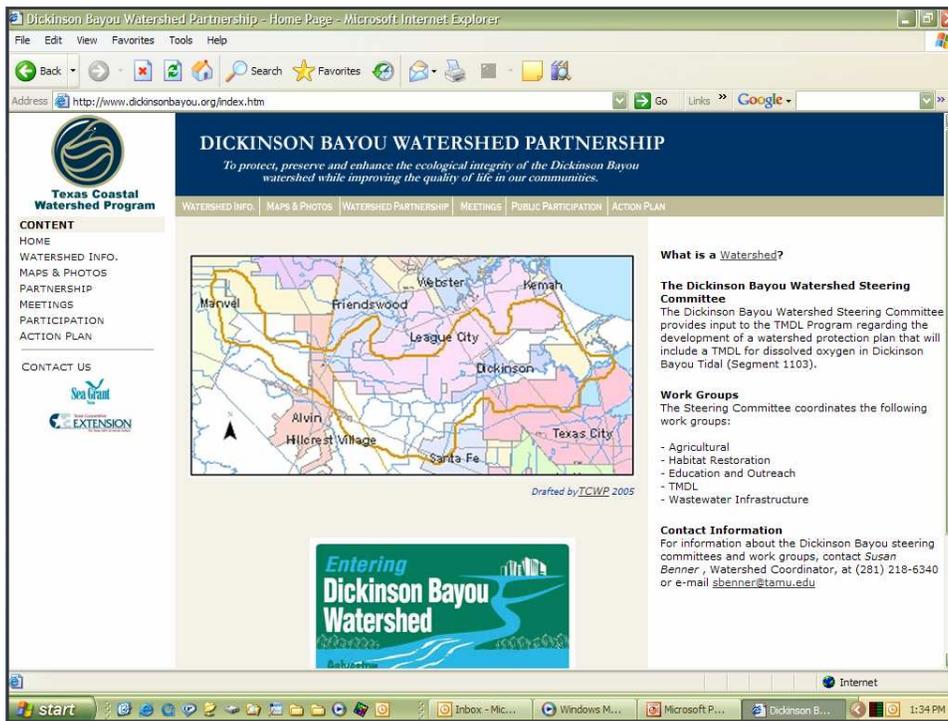
(Includes EPA's 9 Elements)

- State of the watershed
- Identify pollutant sources
- Current levels and trends of pollutants
- How much do we need to reduce those pollutant by
- How can we address the problem

Dickinson Bayou Watershed Plan Elements

- Create a prioritized list of solutions
- Who has the expertise and funds
- Schedule for action
- Criteria to oversee progress
- Monitoring plan





FOR MORE INFORMATION

E-mail: sbenner@tamu.edu

Phone: 281-218-6340

Internet: www.dickinsonbayou.org

www.urban-nature.org



TEXAS COASTAL WATERSHED
P R O G R A M