

**Coordination & Policy Work Group
Meeting Agenda
Monday, August 1, 2016
2:00 PM to 4:00 PM
H-GAC Conference Room A, Second Floor**

Call to Order/Welcome/Introductions

Review: 12/11/2015 Meeting

Review: 2016 Draft Annual Report

Work group will review the Draft Annual Report and discuss time-line for submitting comments.

Discuss: Water Quality Infrastructure Reimbursement

Review the current process for getting reimbursement.

Review: TCEQ Greater Trinity River Project Area and Discuss Potential TMDL WLA Changes.

Review and discuss summary.

Discuss Potential TMDL WLA Changes.

Review and discuss changes and how that might or might not affect the BIG.

Announcements/Adjourn

Upcoming Meeting Schedule

10/25/2016 BIG Fall Meeting

Greater Trinity Implementation Plan Bacteria Data and Wastewater Treatment Facility Information

The Greater Trinity Implementation Plan (I-Plan) was approved by the TCEQ on December 11, 2013. It covers an area of 406 square miles in the Dallas-Fort Worth metropolitan area. The I-Plan area has a population of about 1.3 million people. The I-Plan addresses three completed TMDL projects: Upper Trinity River (2 assessment units (AUs)), Cottonwood Branch and Grapevine Creek (2 AUs), and Lower West Fork Trinity River (13 AUs). A new TMDL project for four AUs upstream of Mountain Creek Lake is being finalized now. It covers about 39 square miles adjacent to the Greater Trinity I-Plan, and will be added to that effort.

There were four wastewater treatment facilities (WWTFs) in the entire I-Plan area, and one of those was recently canceled. Like WWTFs discharging to freshwater segments in the BIG area, these WWTFs have been given individual wasteload allocations based on an *E. coli* concentration of 63 most probable number (MPN)/100 mL. Table 1 provides information on the WWTFs.

Table 1: WWTFs within the Greater Trinity I-Plan Area

Facility Name	Permit Number	Maximum Permitted Discharge (In Million Gallons per Day)
Dallas Central WWTF	WQ0010060-001	200
TRA Central Regional WWTF	WQ0010303-001	189
FTW Village Creek WWTF	WQ0010494-013	166
Alta Vista WWTF*	WQ0011032-001	0.008

*Permit canceled in spring 2016.

Table 2 provides a list of all the TMDL AUs in the I-Plan area as well as the bacteria data from the most recent Integrated Report. Figure 1 is a map of I-Plan area.

Table 2: Bacteria Data for Greater Trinity I-Plan AUs

TMDL Project	Segment Name	AU	Year Adopted	2014 Integrated Report <i>E. coli</i> Geomean in MPN/100 mL (12/1/05-11/30/12)	2014 Integrated Report <i>E. coli</i> # of Samples
Cottonwood Branch and Grapevine Creek	Cottonwood Branch	0822A_02	2011	370	20
	Grapevine Creek	0822B_01		187	37
Upper Trinity River	Upper Trinity River	0805_03	2011	361	47
	Upper Trinity River	0805_04		203	42
Lower West Fork Trinity River	Lower West Fork Trinity River	0841_01	2013	193	42
	Lower West Fork Trinity River	0841_02		153	83
	Bear Creek	0841B_01		117	228
	Arbor Creek	0841C_01		117	56
	Copart Branch Mountain Creek	0841E_01		90	80
	Dalworth Creek	0841G_01		774	41
	Delaware Creek	0841H_01		129	28
	Estelle Creek	0841J_01		22	2
	Johnson Creek	0841L_01		173	193
	Kee Branch	0841M_01		197	34
	Rush Creek	0841R_01		154	51
	Village Creek	0841T_01		164	19
	West Irving Branch	0841U_01		223	14
	Cottonwood Creek	0841F_01		252	229
Watersheds Upstream of Mountain Creek Lake	Fish Creek	0841K_01	Anticipated Fall 2016	215	193
	Kirby Creek	0841N_01		582	100
	Crockett Branch	0841V_01		689	79

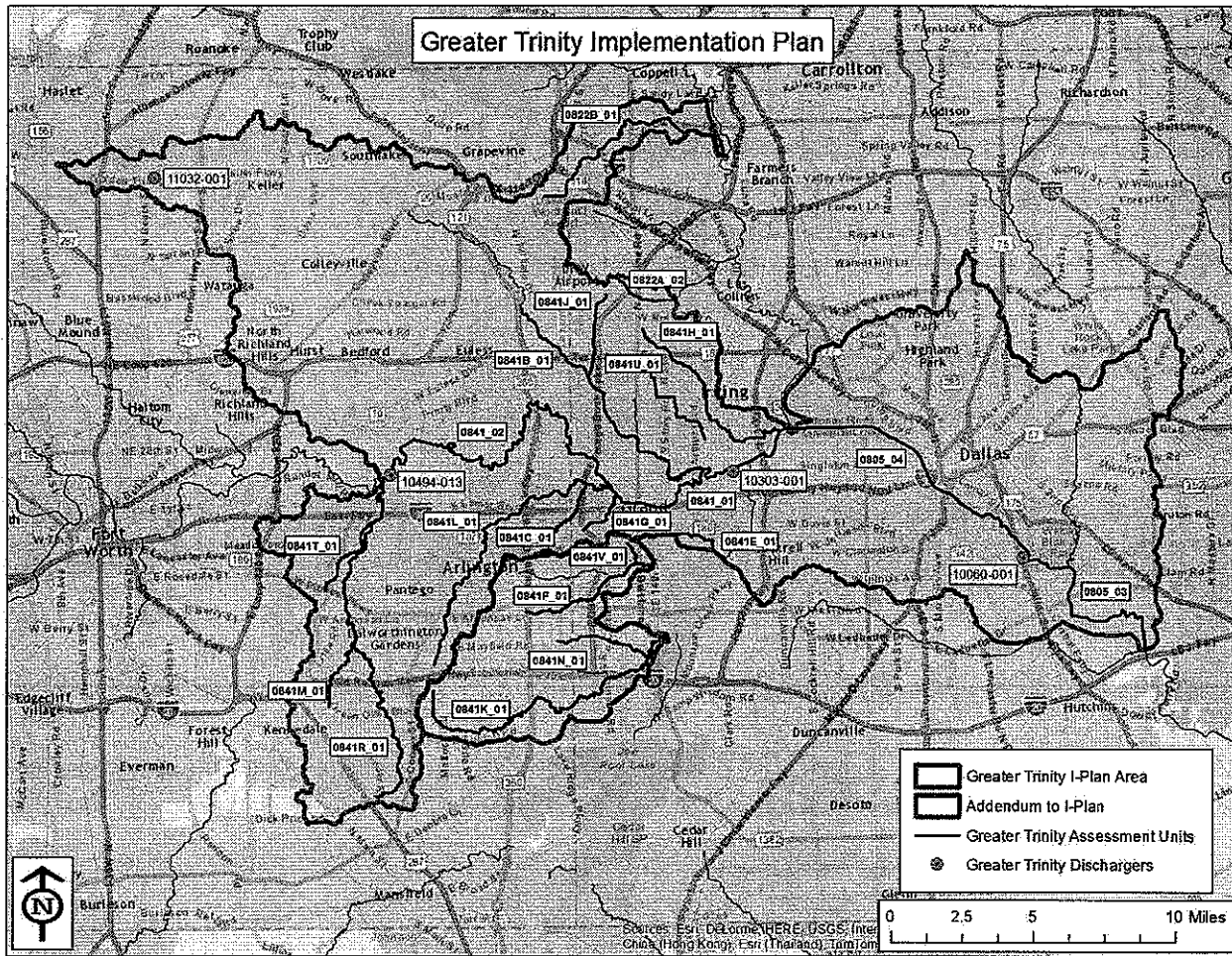


Figure 1: Greater Trinity I-Plan Area

Phase II - Allocation Development

Table 3-1. Percentage of permitted stormwater in each AU; (changed percentages shown in gray shading)

Receiving Water	Assessment Unit	Total Area (acres)	Area under MS4 Permit (acres)	Percent of AU under MS4 Jurisdiction
Buffalo Bayou Tidal	1013_01	5,912	5,912	100.00%
Little White Oak Bayou	1013A_01	5,290	5,290	100.00%
Unnamed Non-Tidal Tributary of Buffalo Bayou Tidal*	1013C_01	169	169	100.00%
Buffalo Bayou Above Tidal	1014_01	31,272	31,272	100.00%
Bear Creek	1014A_01	23,314	14,608	62.66%
Buffalo Bayou	1014B_01	77,206	42,827	55.47%
Langham Bayou	1014E_01	31,491	20,871	66.28%
South Mayde Creek	1014H_01	4,738	4,738	100.00%
South Mayde Creek	1014H_02	22,794	9,789	42.95%
Turkey Creek	1014K_01	4,497	4,497	100.00%
Turkey Creek	1014K_02	2,215	2,215	100.00%
Mason Creek	1014L_01	11,720	10,957	93.49%
Neimans Bayou (Neimans Branch)*	1014M_01	1,279	1,279	100.00%
Rummel Creek	1014N_01	3,001	3,001	100.00%
Spring Creek	1014O_01	6,959	6,959	100.00%
Whiteoak Bayou Above Tidal	1017_01	23,681	23,681	100.00%
Whiteoak Bayou Above Tidal	1017_02	5,935	5,935	100.00%
Whiteoak Bayou Above Tidal	1017_03	10,653	10,653	100.00%
Whiteoak Bayou Above Tidal	1017_04	16,913	16,913	100.00%
Brickhouse Gully/Bayou	1017A_01	7,680	7,680	100.00%
Cole Creek	1017B_02	6,241	6,241	100.00%
Unnamed Tributary of Whiteoak Bayou*	1017D_01	696	696	100.00%
Unnamed Tributary of White Oak Bayou*	1017E_01	780	780	100.00%

* Drainage areas not recomputed but based on Table 52, page 115 of TCEQ (2009)

Phase II - Allocation Development

Table 3-2. Assessment Unit TMDL Summary for All Impaired Segments at Wet-Flow (Critical) Conditions (Updates Table 53, p. 116 of TCEQ (2009)).

All loads expressed in billion MPN/day

Assessment Unit	TMDL	WLA _{WWTF}	WLA _{Storm Water}	LA	MOS	Upstream Load	Future WWTF Capacity
1013_01	1574.77	0.00	297.72	0.00	0.00	1275.86	1.19
1013A_01	1379.94	0.00	260.73	0.00	0.00	1118.01	1.20
1013C_01	102.08	0.00	17.39	0.00	0.00	82.70	1.99
1014_01	1841.94	102.59	850.76	0.00	0.00	856.98	31.61
1014A_01	195.04	28.05	98.31	58.58	0.00	0.00	10.10
1014B-01	626.91	92.42	289.02	232.02	0.00	0.00	13.45
1014E_01	236.83	69.75	101.26	51.52	0.00	0.00	14.30
1014H_01	39.18	1.91	36.80	0.00	0.00	0.00	0.47
1014H_02	175.43	33.69	60.10	79.82	0.00	0.00	1.82
1014K_01	35.06	0.00	30.96	0.00	0.00	0.00	4.10
1014K_02	15.09	0.12	13.98	0.00	0.00	0.00	0.99
1014L_01	69.66	37.85	24.01	1.67	0.00	0.00	6.13
1014M_01	76.75	0.00	38.66	0.00	0.00	35.71	2.38
1014N_01	204.66	0.00	106.18	0.00	0.00	95.22	3.26
1014O_01	434.90	0.00	232.51	0.00	0.00	202.34	0.05
1017_01	173.57	74.70	65.49	0.00	0.00	0.00	33.38
1017_02	52.06	0.00	51.97	0.00	0.00	0.00	0.09
1017_03	149.47	0.00	147.09	0.00	0.00	0.00	2.38
1017_04	537.09	0.50	536.32	0.00	0.00	0.00	0.27
1017A_01	175.57	2.37	171.97	0.00	0.00	0.00	1.23
1017B_02	137.95	53.09	58.53	0.00	0.00	0.00	26.33
1017D_01	12.54	0.00	10.16	0.00	0.00	0.00	2.38
1017E_01	12.54	0.00	10.16	0.00	0.00	0.00	2.38

Phase II - Allocation Development

Table 3-3. Final TMDL Allocations for All Impaired Assessment Units at Wet-Flow (Critical) Conditions (Updates Table 54, p. 118 of TCEQ (2009)).

All loads expressed in billion MPN/day

Assessment Unit	TMDL	WLA _{WWTF}	WLA _{Storm Water}	LA	MOS
1013_01	1,574.77	1.19	297.72	1,275.86	0.00
1013A_01	1,379.94	1.20	260.73	1,118.01	0.00
1013C_01	102.08	1.99	17.39	82.70	0.00
1014_01	1,841.94	134.20	850.76	856.98	0.00
1014A_01	195.04	38.15	98.31	58.58	0.00
1014B_01	626.91	105.87	289.02	232.02	0.00
1014E_01	236.83	84.05	101.26	51.52	0.00
1014H_01	39.18	2.38	36.80	0.00	0.00
1014H_02	175.43	35.51	60.10	79.82	0.00
1014K_01	35.06	4.10	30.96	0.00	0.00
1014K_02	15.09	1.11	13.98	0.00	0.00
1014L_01	69.66	43.98	24.01	1.67	0.00
1014M_01	76.75	2.38	38.66	35.71	0.00
1014N_01	204.66	3.26	106.18	95.22	0.00
1014O_01	434.90	0.05	232.51	202.34	0.00
1017_01	173.57	108.08	65.49	0.00	0.00
1017_02	52.06	0.09	51.97	0.00	0.00
1017_03	149.47	2.38	147.09	0.00	0.00
1017_04	537.09	0.77	536.32	0.00	0.00
1017A_01	175.57	3.60	171.97	0.00	0.00
1017B_02	137.95	79.42	58.53	0.00	0.00
1017D_01	12.54	2.38	10.16	0.00	0.00
1017E_01	12.54	2.38	10.16	0.00	0.00

A map depicting the Buffalo and Whiteoak Bayous watersheds showing the 2010 regulated stormwater area (RSA) are provided as Figure 3-1. The 2010 RSA is defined as the combination of the most recently available city limits of Houston, TX and the 2010 U.S. Census Urbanized Area.