

PROPOSED COST SPLIT Based on TN Load Reduction Req'd 8/20/07

GENERAL MANAGER
/RESOLUTIONS ITEM #080771
FEBRUARY 5, 2009

Table 1

Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project GRU & SMU Share Percentage.

Project Component	Capital Costs					O&M Costs				
	Best Estimate Capital Cost	GRU Share	SMU Share	GRU Cost	SMU Cost	Operation & Maintenance Costs (\$/yr)	GRU Share	SMU Share	GRU Cost (\$/yr)	SMU Cost (\$/yr)
1. Main Street WRF Upgrades		100%	0%				100%	0%		
2. Sweetwater Branch Channel Improvements(a)		50%	50%				0%	100%		
3. Forebay/Trashrack/Diversion										
Forebay		0%	100%				0%	100%		
Access Rd for Sed Removal		0%	100%				0%	100%		
Trash Rack		0%	100%				0%	100%		
Weir/Diversion Structure		25%	75%				25%	75%		
4. Sweetwater Branch Constructed Wetland		92%	8%				92%	8%		
5. Sheetflow Distribution Channel		40%	60%				50%	50%		
6. Project Monitoring		60%	40%				60%	40%		
7. SUBTOTAL	<i>Subtotal Cost (Project components 1-7)</i>	<i>GRU Share Percentage Cost / Subtotal Cost</i>	<i>SMU Share Percentage (SMU Subtotal Cost / Subtotal Cost)</i>	<i>GRU Subtotal Cost (project components 1-7)</i>	<i>SMU Subtotal Cost (project components 1-7)</i>					

Table 2

Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project Cost Sharing of Actual Project Costs

Project component	Actual Values	GRU Share	SMU Share	GRU Cost	SMU Cost
8. Main Street WRF Upgrades		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
9. Sweetwater Branch Canal Restoration		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
10. Land Purchase for Swap		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
11. Administrative Overhead		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
12. Shared Grants		<i>- GRU Share Percentage</i>	<i>- SMU Share Percentage</i>		
13. Professional Services		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
14. Capital Construction Cost		<i>GRU Share Percentage</i>	<i>SMU Share Percentage</i>		
TOTAL					

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Table3
Sweetwater Branch/Paynes Prairie Sheetflow Restoration Project Preliminary Cost Split Between GRU & SMU.

Project Component	Capital Costs					O&M Costs									
	Construction Cost (\$)	Mobilization, Contingency, Engineering (\$)	Total Capital Cost (\$)	Other Party Cost (\$)	Estimated City Total Capital Cost (\$)	GRU Share	SMU Share	GRU Cost	SMU Cost	Operation & Maintenance Costs (\$/yr)	Other Party Cost (\$/yr)	GRU Share	SMU Share	GRU Cost (\$/yr)	SMU Cost (\$/yr)
1 Sweetwater Branch Channel Improvements(a)	\$ 831,600	\$ 415,800	\$ 1,247,400	\$ -	\$ 1,247,400	50%	50%	\$ 623,700	\$ 623,700	\$ -	\$ -			\$ -	\$ -
2 Forebay/Trashrack/Diversion					\$ -			\$ -	\$ -						
Forebay	\$ 219,300	\$ 109,650	\$ 328,950	\$ -	\$ 328,950	0%	100%	\$ -	\$ 328,950	\$ 150,000	\$ -	0%	100%	\$ -	\$ 150,000
Access Rd for Sed Removal	\$ 200,000	\$ 100,000	\$ 300,000	\$ -	\$ 300,000	0%	100%	\$ -	\$ 300,000			0%	100%		
Trash Rack	\$ 50,000	\$ 25,000	\$ 75,000	\$ -	\$ 75,000	0%	100%	\$ -	\$ 75,000			0%	100%		
Weir/Diversion Structure	\$ 100,000	\$ 50,000	\$ 150,000	\$ -	\$ 150,000	25%	75%	\$ 37,500	\$ 112,500			25%	75%		
3 Sweetwater Branch Constructed Wetland	\$ 7,320,600	\$ 3,660,300	\$ 10,980,900	\$ -	\$ 10,980,900	92%	8%	\$ 10,081,125	\$ 899,775	\$ 150,000	\$ -	92%	8%	\$ 137,709	\$ 12,291
4 Sheetflow Distribution Channel	\$ 2,898,702	\$ 1,449,351	\$ 4,348,053	\$ -	\$ 4,348,053	40%	60%	\$ 1,739,221	\$ 2,608,832	\$ 75,000	\$ -	50%	50%	\$ 37,500	\$ 37,500
5 Public Use Amenities (b)	<i>Not Included, Not Defined</i>		\$ -	\$ -	\$ -	0%	0%	\$ -	\$ -	\$ -	\$ -	0%	0%	\$ -	\$ -
6 Project Monitoring	\$ 14,000	\$ 7,000	\$ 21,000	\$ -	\$ 21,000	60%	40%	\$ 12,600	\$ 8,400	\$ 100,000	\$ -	60%	40%	\$ 60,000	\$ 40,000
7 Subtotal(c)	\$ 11,634,202	\$ 5,817,101	\$ 17,451,303	\$ -	\$ 17,451,303	72%	28%	\$ 12,494,146	\$ 4,957,157	\$ 475,000	\$ -	50%	50%	\$ 235,209	\$ 239,791
8 Sweetwater Branch Canal Restoration(a)	\$ 657,890	\$ 328,945	\$ 986,835	\$ 493,418	\$ 493,418	72%	28%	\$ 353,259	\$ 140,158	\$ -	\$ -	50%	50%	\$ -	\$ -
9 Land Purchase for Swap(d)			\$ 250,000	\$ -	\$ 250,000	72%	28%	\$ 178,986	\$ 71,014						
Estimated Total (excluding MSWRF)	\$ 12,292,092	\$ 6,146,046	\$ 18,688,138	\$ 493,418	\$ 18,194,720	72%	28%	\$ 13,026,391	\$ 5,168,330	\$ 475,000	\$ -	50%	50%	\$ 235,209	\$ 239,791
10 Main Street WRF Upgrades	\$ 1,333,335	\$ 666,665	\$ 2,000,000	\$ -	\$ 2,000,000	100%	0%	\$ 2,000,000	\$ -	\$ 388,000	\$ -	100%	0%	\$ 388,000	\$ -
Grand Total Est Cost	\$ 13,625,427	\$ 6,812,710	\$ 20,688,137		\$ 20,194,720			\$ 15,026,390	\$ 5,168,330	\$ 863,000	\$ -			\$ 623,209	\$ 239,791

Note: Assumes mobilization, contingency, engineering = 0.5 x construction cost

Notes:

- (a) City's portion of this cost will be split 50/50 between GRU & SMU.
- (b) Public Use Amenities not yet defined & not included in this estimate. Significant proportion or all of costs to be covered by other parties and/or grants.
- (c) Subtotal costs and % split may change as more detailed cost estimates are developed.
- (d) Preliminary estimate roughly based on appraised value of ~100 ac of property + contingency.