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SOMERVELL COUNTY WATER DISTRICT
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BRAZOS RIVER
AUTHORITY

March 24, 2008

Scott Mack, Chair
Brazos G Water Planning Group
P. O. Box 7555
Waco, TX 76714-7555

Re: Somervell County Water District
Minor Amendment to State Water Plan

Dear Mr. Mack:

As you are aware, the Somervell County Water District is requesting a minor amendment to the State Water Plan. The purpose of this amendment is to include the District's proposed treatment plant and distribution system that was inadvertently omitted from the plan when the district initiated the Wheeler Branch Reservoir Project. The District feels this amendment meets the following Texas Administrative Code Rule 357.16 criteria for a minor revision:

(1) does not result in over allocation of an existing or planned source of water;

- The District's treatment plant and distribution system do not change the allocation of any existing or planned source of water.

(2) does not relate to a new reservoir;

- The District's proposed revision only relates to a treatment plant and distribution system.

(3) does not have a significant effect on instream flows, environmental flows or freshwater flows to bays and estuaries;

- The District's proposed revision has no effect on instream flows, environmental flows or freshwater flows to bays and estuaries.

(4) does not have a significant substantive impact on water planning or previously adopted management strategies; and

- The District's proposed revision does not have a significant impact on water planning or management strategies.

(5) does not delete or change any legal requirements of the plan.

- The District's proposed revision does not affect any legal requirement of the plan.

The District proposes to include its entire treatment plant as well as a county-wide distribution system. The first phase will include the treatment plant and phases one through four of the distribution system at a cost of approximately \$30,000,000. The remaining distribution and treatment plant expansions are estimated to cost the District an additional \$70,000,000. Attachment 1 is the latest cost estimate for the proposed facilities. The first phase (to be done by 2010) will include Projects 1 through 4. The remaining work (to be done by 2030) will include the remaining projects. Attachment 2 presents costs for the project at 2002 price levels (consistent with prices used in the 2006 Brazos G Regional Water Plan).

Please accept this correspondence as the District's official request to have these projects included in the State Water Plan. Feel free to contact me at 254-897-4141 if you have any questions regarding this matter. Thank you for your consideration and assistance.

Sincerely,



Kevin Taylor
General Manager

cc: Trey Buzbee
David Dunn

Attachment 1
Cost Estimate Summary for
Somervell County WTP and Distribution System - Phase 1

Item	Estimated Cost for Facilities (2002 \$)	Estimated Cost for Facilities (2008 \$)
Capital Costs		
6" WL and Appurtenances	\$ 315,100	\$ 376,200
8" WL and Appurtenances	\$ 851,200	\$ 1,016,400
10" WL and Appurtenances	\$ 488,300	\$ 583,000
12" WL and Appurtenances	\$ 4,145,600	\$ 4,950,000
16" WL and Appurtenances	\$ 2,726,900	\$ 3,256,000
18" WL and Appurtenances	\$ 323,400	\$ 386,100
Boring and Casing	\$ 544,400	\$ 650,000
Installation through Rock	\$ 581,400	\$ 694,200
Pavement Repair	\$ 234,500	\$ 280,000
New 1.5 MGD Water Treatment Plant	\$ 4,187,500	\$ 5,000,000
1.5 MGD HSPS	\$ 418,800	\$ 500,000
Ground Storage Tanks	\$ 837,500	\$ 1,000,000
Elevated Storage Tanks	\$ 1,046,900	\$ 1,250,000
Booster Pump Station	\$ 397,800	\$ 475,000
Total Capital Costs	\$ 17,099,200	\$ 20,416,900
Contingencies	\$ 3,419,800	\$ 4,083,380
Engineering, Permitting, Survey, and Geotech	\$ 3,077,800	\$ 3,675,042
Land Costs	\$ 284,800	\$ 340,000
Power Supply Costs	\$ 128,100	\$ 152,919
Interest During Construction (1 year)	\$ 1,025,900	\$ 1,225,014
Total Project Costs	\$ 25,035,600	\$ 29,893,300
Annual Costs		
Debt Service (6 percent for 30 years)	\$ 1,820,000	\$ 2,173,000
Operation and Maintenance	\$ 375,200	\$ 448,000
Energy Costs (319,800 kWh @ \$0.06/kWh)	\$ 19,188	\$ 25,584
Total Annual Costs	\$ 2,214,400	\$ 2,646,600
Available Project Yield (acft/yr)	840	840
Annual Cost of Water (\$ per acft)	\$ 2,636	\$ 3,151
Annual Cost of Water (\$ per 1,000 gallons)	\$ 8.09	\$ 9.67

Notes:

1. 2008 Costs were reduced to 2002 Costs using 4% Inflation per year over 6 years. (P/F,4%,6 = 0.8375)
2. 2008 Power Costs are based on \$0.08/kWh

Attachment 2
Cost Estimate Summary for
Somervell County WTP and Distribution System - Phase 2

Item	Estimated Cost for Facilities (2002 \$)	Estimated Cost for Facilities (2008 \$)
Capital Costs		
6" WL and Appurtenances	\$ 2,846,700	\$ 3,399,000
8" WL and Appurtenances	\$ 15,418,000	\$ 18,409,600
10" WL and Appurtenances	\$ 2,197,200	\$ 2,623,500
12" WL and Appurtenances	\$ 4,843,800	\$ 5,783,600
Boring and Casing	\$ 1,474,000	\$ 1,760,000
Installation through Rock	\$ 1,554,600	\$ 1,856,200
Pavement Repair	\$ 935,100	\$ 1,116,500
Water Treatment Plant Expansion to 5 MGD	\$ 5,862,500	\$ 7,000,000
HSPS Expansion to 5 MGD	\$ 963,100	\$ 1,150,000
Flow Control Valves	\$ 213,600	\$ 255,000
Ground Storage Tanks	\$ 1,549,400	\$ 1,850,000
Elevated Storage Tanks	\$ 3,643,100	\$ 4,350,000
Booster Pump Station	\$ 762,100	\$ 910,000
Total Capital Costs	\$ 42,263,100	\$ 50,463,400
Contingencies	\$ 8,452,600	\$ 10,092,680
Engineering, Permitting, Survey, and Geotech	\$ 7,607,400	\$ 9,083,412
Land Costs	\$ 1,013,400	\$ 1,210,000
Power Supply Costs	\$ 176,600	\$ 210,850
Interest During Construction (1 year)	\$ 2,535,800	\$ 3,027,804
Total Project Costs	\$ 62,048,800	\$ 74,088,100
Annual Costs		
Debt Service (6 percent for 30 years)	\$ 4,511,000	\$ 5,386,000
Operation and Maintenance	\$ 870,700	\$ 1,111,000
Energy Costs (852,700 kWh @ \$0.06/kWh)	\$ 51,162	\$ 68,216
Total Annual Costs	\$ 5,432,900	\$ 6,565,200
Available Project Yield (acft/yr)	1160	1160
Annual Cost of Water (\$ per acft)	\$ 4,684	\$ 5,660
Annual Cost of Water (\$ per 1,000 gallons)	\$ 14.38	\$ 17.37

Notes:

1. 2008 Costs were reduced to 2002 Costs using 4% Inflation per year over 6 years. (P/F,4%,6 = 0.8375)
2. 2008 Power Costs are based on \$0.08/kWh