

Travis County WCID No. 17
EXHIBIT B - FACILITIES AND SYSTEMS MAP
Water Conservation and Drought Contingency Plan
2016

1. PRODUCTION

- | | |
|---|-----------------|
| a. Eck Lane Water Treatment Plant
Membrane Micro-Filtration | 16 MGD Capacity |
| b. Mansfield Water Treatment Plant
Membrane Micro-Filtration | 6 MGD Capacity |

2. PUMP STATIONS

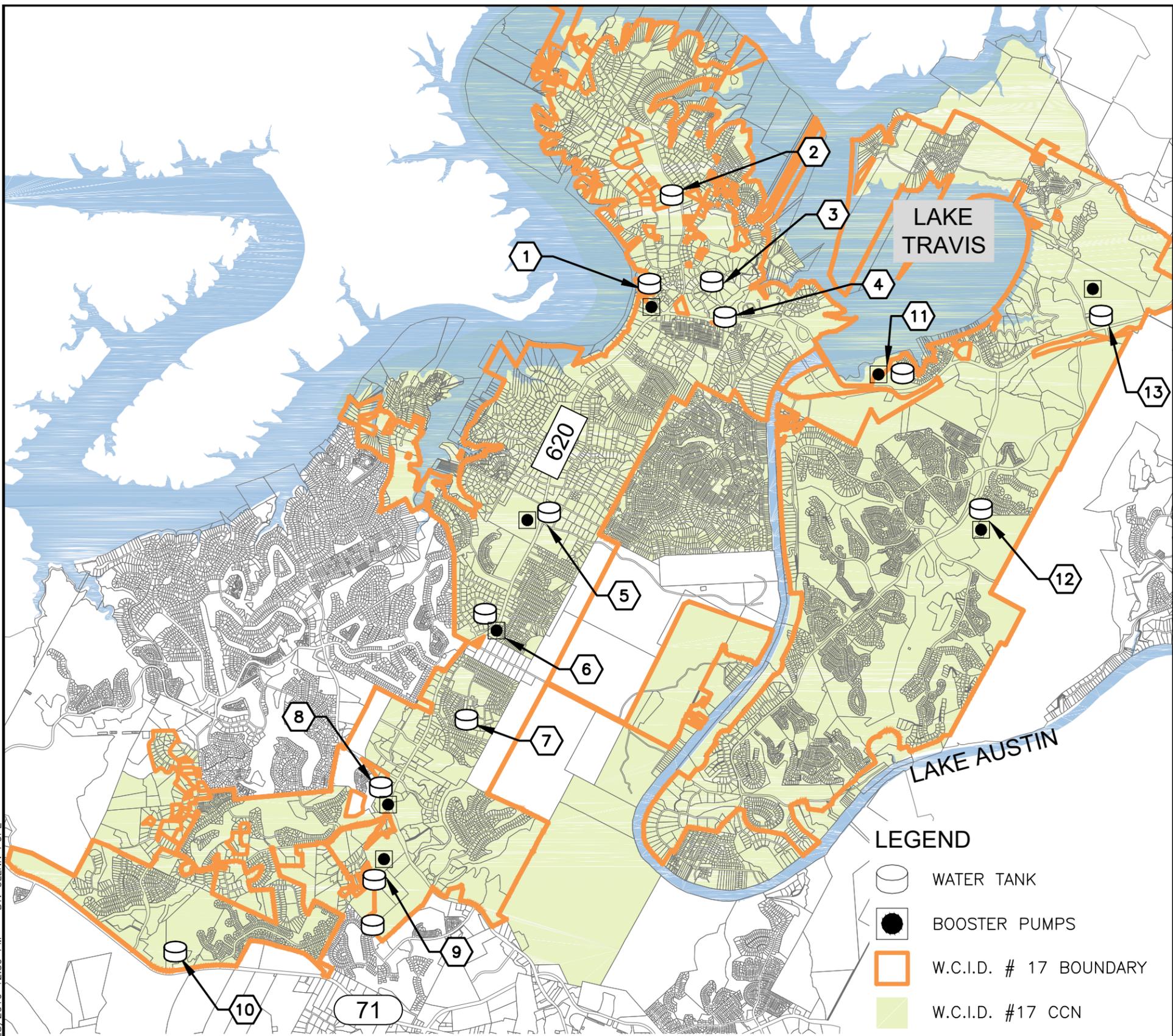
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|---|---------|--------------|
| a. Water Treatment Plant High Service | 4 each | 2100 GPM ea. |
| | 4 each | 2800 GPM ea. |
| b. Round Mountain Pump Station | 3 each | 1200 GPM ea. |
| | 1 each | 3500 GPM ea. |
| c. Lohman's Pump Station | 4 pumps | 800 GPM ea. |
| d. Steiner Ranch Pump Station | 3 pumps | 2000 GPM ea. |
| e. Big Daves Pump Station | 3 pumps | 2000 GPM ea. |
| f. Lake Travis High School Pump Station | 2 pumps | 1800 GPM ea. |
| g. Mansfield WTP High Service | 4 each | 2550 GPM ea. |

3. STORAGE FACILITIES

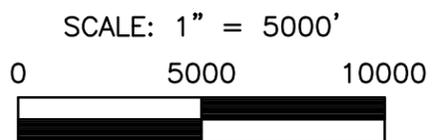
	<u>CAPACITY (GALS)</u>	<u>TYPE</u>	<u>PRESSURE PLANE (FT.)</u>
a. Eck Ln Water Treatment Plant Clearwell #1	330,000	GST	
Eck Ln WTP Clearwell #2	209,000	GST	
Eck Ln WTP Clearwell #3	1,100,000	GST	
b. McCormick Mountain	300,000	Standpipe	1035
c. Big Dave Tank	1,200,000	Standpipe	1040
d. Round Mountain Tank	360,000	GST	1040
e. Mountain View Tank	1,000,000	Elevated	1040
f. Cardinal Hills	1,100,000	Standpipe	1100
g. Lohmans Crossing #1	100,000	GST	
Lohmans Crossing #2	150,000	GST	
h. Lake Travis ISD #1	300,000	Standpipe	1200
Lake Travis ISD #2	1,000,000	GST	1200
i. Steiner Ranch #1	500,000	GST	980
Steiner Ranch #2	1,500,000	GST	980
j. Comanche Trail #1	1,000,000	GST	1130
Comanche Trail #2	200,000	Elevated	1210
Comanche Trail #3	80,000	GST	1130
k. Highway 71	500,000	Elevated	1320
l. Mansfield WTP Clearwell #1	1,000,000	GST	
m. Hudson Bend	300,000	Elevated	970

Total **12,229,000**

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|---|--|
| <p>1. ECK LN. WATER TREATMENT PLANT
TREATMENT CAPACITY: 16 MGD
CLEARWELL #1: 330,000 GAL
CLEARWELL #2: 209,000 GAL
CLEARWELL #3: 1,100,000 GAL
HIGH SERVICE PUMPS: 4 @ 2,100 GPM EACH
4 @ 2,800 GPM EACH</p> <p>2. HUDSON BEND
ELEVATED STORAGE TANK: 300,000 GAL, OVERFLOW = 970</p> <p>3. McCORMICK MOUNTAIN
STANDPIPE: 300,000 GAL, OVERFLOW = 1035</p> <p>4. MOUNTAIN VIEW
ELEVATED STORAGE TANK: 1,000,000 GAL, OVERFLOW = 1040</p> <p>5. RR 620 STANDPIPE (BIG DAVES)
STANDPIPE: 1,200,000 GAL, OVERFLOW = 1040
BOOSTER PUMPS: 3 @ 2,000 GPM EACH</p> <p>6. ROUND MOUNTAIN
GROUND STORAGE TANK: 360,000 GAL, OVERFLOW = 980
BOOSTER PUMPS: 3 @ 1,200 GPM EACH, 1 @ 3,500 GPM EACH</p> <p>7. CARDINAL HILLS
STANDPIPE: 1,100,000 GAL, OVERFLOW = 1100</p> <p>8. LOHMANS CROSSING
GROUND STORAGE TANK #1: 360,000 GAL
GROUND STORAGE TANK #2: 150,000 GAL
BOOSTER PUMPS: 4 @ 800 GPM EACH</p> <p>9. LAKE TRAVIS HIGH SCHOOL
STANDPIPE: 300,000 GAL, OVERFLOW = 1200
GROUND STORAGE TANK: 1,000,000 GAL, OVERFLOW = 1200
BOOSTER PUMPS: 2 @ 1,800 GPM EACH</p> | <p>10. HIGHWAY 71
ELEVATED STORAGE TANK: 500,000 GAL, OVERFLOW = 1320</p> <p>11. MANSFIELD WATER TREATMENT PLANT
TREATMENT CAPACITY: 6 MGD
CLEARWELL #1: 1,000,000 GAL
HIGH SERVICE PUMPS: 4 @ 2,550 GPM EACH</p> <p>12. STEINER RANCH
GROUND STORAGE TANK #1: 500,000 GAL, OVERFLOW = 980
GROUND STORAGE TANK #2: 1,500,000 GAL, OVERFLOW = 980
BOOSTER PUMPS: 3 @ 2,000 GPM EACH</p> <p>13. COMANCHE TRAIL
GROUND STORAGE TANK #1: 1,000,000 GAL, OVERFLOW = 1130
GROUND STORAGE TANK #2: 80,000 GAL, OVERFLOW = 1130
ELEVATED STORAGE TANK (PEDESPHERE): 200,000 GAL, OVERFLOW = 1210
BOOSTER PUMPS: 2 @ 1,800 GPM EACH</p> |
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TRAVIS COUNTY WATER CONTROL & IMPROVEMENT DISTRICT NO. 17

WATER SERVICE AREA MAP - 2016