Station S – Replace Watterson Pumps

MAP KEY: 203

This project replaces the two existing pumps and motors that pump to the Watterson standpipe with two 50-hp pumps and motors and adds a third 50-hp pump and motor. The increased capacity at the Station S pump station is needed to match increased demand due to growth in Zones 1, 2, and 2A and increased supply resulting from upsizing the S wells.

The new, third pump will require a new variable frequency drive, motor cables, and conduit.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Three (3) 50-hp vertical turbine pumps and motors		LS	30,000.00	30,000.00
Remove exiting 40-hp pump and motor and 50-hp pump and motor and install three (3) new 50-hp pumps and motors, including piping and valves.		LS	10,000.00	10,000.00
Install VFD, conduit, and motor cables for third pump		LS	20,000.00	20,000.00

Construction Subtotal	60,000.00
Engineering, Surveying, Legal (12.5%)	7,500.00
Contingencies	12,000.00
TOTAL	**$79,500.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Station TU – Install Split Case Pumps

MAP KEY: 204

Periodic pump tests of the pumps at TU show that the impellers are wearing faster than expected. A consultation with Smith Pump resulted in the diagnosis that the configuration of the pump cans and suction header was most likely the source of the problem. This project replaces vertical turbine pumps with 250-hp split-case pumps and re-plumbs the suction header to solve the problem.

New switchgear will not be required but new motor cables and conduits may be required, depending on the layout of the new pumps.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Three (3) bronze fitted cast iron constructed horizontal split case pumps with 250-hp 4-pole 460-V ODP motors mounted on baseplate.		LS	100,000.00	100,000.00
Remove three (3) 200-hp pumps and motors and install three (3) new 250-hp pumps and motors, including piping and valves.		LS	60,000.00	60,000.00
Modify suction and discharge headers for split-case pumps.		LS	30,000.00	30,000.00

Construction Subtotal	190,000.00
Engineering, Surveying, Legal (12.5%)	23,750.00
Contingencies	38,000.00
TOTAL	**$251,750.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, SH304, Delhi WTP to CR288, 5200', 18"

MAP KEY: 205

This project includes the installation of the final 5,190 L.F. of 18" water line to be installed from the Delhi WTP to the existing 18" along SH 304. The existing 18" line runs along SH 304 from CR 288 to Hofferek Road, and this project will extend the 18" water line all the way to the Delhi WTP.

This project will increase the amount of water that can flow from the Delhi WTP to the southeast portion of Aqua's system when the Delhi WTP and pump station are expanded for Delhi Well #2. This project will immediately increase existing flow rate north from Delhi WTP from 500 GPM to 900 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
18" DI w/tracer wire	5190	LF	65.00	337,350.00
18" Fittings	6	ea	3,500.00	21,000.00
Butterfly Valve 18"	2	ea	4,000.00	8,000.00
6" Gate Valve w/valve box	1	ea	1,000.00	1,000.00
18" Fire Hydrant Assembly (w/ valve and tee)	1	ea	7,000.00	7,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	1	ea	2,500.00	2,500.00
Driveway Crossing w/o casing	20	L.F.	15.00	300.00
18" Sand Bedding	5190	LF	12.50	64,875.00
Erosion Control w/silt fence	5190	LF	2.50	12,975.00
Clearing & Chipping : moderately wooded	5190	LF	2.00	10,380.00
18" Trench Safety	5190	LF	2.00	10,380.00
Construction Subtotal				475,760.00
Engineering, Surveying, Legal (12.5%)				59,470.00
Contingencies (10%)				47,576.00
Easements, R.O.W: Rural	5190	LF	2.00	10,380.00
TOTAL				**$593,186.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, FM535, Rosanky to Smithville, 5200', 8", 6"

MAP KEY: 206

This project consists of paralleling existing water lines along FM 535 from Rosanky to near Hwy 95 immediately south of Smithville. Specifically, an 8" main will be installed from Rosanky to Meduna Road (CR 306) and a 6" main will be installed from Meduna Road to an existing 4" line just west of Hwy 95. Preliminary phases of this project have already been constructed, including a permitted bore of Union Railroad at Rosanky and 2,900 L.F. of 6" main at a subdivision at Meduna Road. Most/all easements have already been secured.

The purpose of this water line is to increase transmission capacity to the Smithville pressure plane. Existing customers along FM535 experience pressures below TCEQ minimum of 35 psi. Project is proposed to be completed in phases to resolve low pressure problems for customers with the worst pressures first. Phase 1 is proposed to be from Rosanky to High Crossing Road.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
8" SDR-21 PVC w/tracer wire	7200	LF	14.00	100,800.00
6" SDR-21 PVC w/tracer wire	40000	LF	10.00	400,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	5550	LB	5.00	27,750.00
8" Gate Valve w/valve box	4	ea	1,500.00	6,000.00
6" Gate Valve w/valve box	9	ea	1,000.00	9,000.00
4" Gate Valve w/valve box	4	ea	750.00	3,000.00
3" Gate Valve w/valve box	2	ea	625.00	1,250.00
8" Fire Hydrant Assembly (w/ valve and tee)	9	ea	4,000.00	36,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	11	ea	1,250.00	13,750.00
Bore w/12" Steel casing	180	LF	150.00	27,000.00
Bore w/10" Steel casing	194	LF	125.00	24,250.00
18" or smaller Cement Stabilization	220	LF	25.00	5,500.00
8" Sand Bedding	47200	LF	6.00	283,200.00
Driveway Crossing w/o casing	240	L.F.	15.00	3,600.00
6" Wet Connection	3	ea	1,000.00	3,000.00
4" Wet Connection	8	ea	750.00	6,000.00
Disconnect & Reconnect Meter	6	ea	350.00	2,100.00
Erosion Control w/silt fence	47200	LF	2.50	118,000.00
Clearing & Chipping : moderately wooded	47200	LF	2.00	94,400.00
8" Trench Safety	47200	LF	1.00	47,200.00
Construction Subtotal				1,211,800.00
Engineering, Surveying, Legal (12.5%)				151,475.00
Contingencies (10%)				121,180.00
Easements, R.O.W: Rural	7200	LF	2.00	14,400.00
TOTAL				**$1,498,855.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Delhi WTP 2,250 GPM Expansion for Delhi Well #2

MAP KEY: 207

The Delhi water treatment plant currently has a well capacity of 3,000 GPM, but only has a treatment capacity of 750 GPM. This project will expand the treatment plant to 3,000 GPM to treat the full capacity of water from Delhi Wells 1 & 2. This project also includes an expansion of the pump station at the Delhi WTP site, the construction of a 1.0 MG ground storage tank at the site, and upgrades to the chemical feed systems. The water from Delhi Wells 1 & 2 requires pH adjustment and iron removal.

Eventually, when the Flag Hill Transmission Main projects are completed, this water treatment plant expansion will serve the high growth portion of Aqua's system in southwest Bastrop County.

Preliminary Cost Summary

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Dual media pressure filters, piping, appurtenances		LS		1,300,000.00
Chlorination		LS		125,000.00
Lime Feed System		LS		115,000.00
Pump, Motor, Discharge Head for Third Pump		LS		35,000.00
Piping and Valves for Third Pump		LS		25,000.00
1,000,000 gal Welded Steel Ground Storage Tank		LS		620,000.00
Electrical & Controls		LS		275,000.00
Yard Piping		LS		275,000.00
Site Grading		LS		50,000.00
Construction Subtotal				2,820,000.00
Engineering, Surveying, Legal (12.5%)				352,500.00
Contingencies				564,000.00
TOTAL				**$3,736,500.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

O Pump Station Improvements

MAP KEY: 208

The OH pressure plane comes just short of meeting the TCEQ requirement of having 2.0 GPM per connection total pumping capacity. The addition of a 3rd pump will bring OH up to this TCEQ standard.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Extend Building		LS		50,000.00
Pump, Motor, Discharge Head		LS		50,000.00
Piping and Valves		LS		40,000.00
Electrical & Controls		LS		40,000.00

Construction Subtotal	180,000.00
Engineering, Surveying, Legal (12.5%)	22,500.00
Contingencies	36,000.00
TOTAL	**$238,500.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

FM 812 Transmission Main from 21" CSC to Watts Tank

MAP KEY: 209

This project consists of 16,520 L.F. of 24" pipe from the 21'' line that follows State Highway 21 to the Watts Tank. This line will increase the flow into the Watts tank, which is needed to keep the Highview, Flag Hill, Red Rock, and Sandhills tanks from running dry.

Upon completion of the Flag Hill Tank and Flag Hill Transmission Main projects, this line will be disconnected from Watts and connected to the Flag Hill Transmission main allowing 7,500 GPM to flow by gravity from the Flag Hill Tank to the high growth portion of Aqua's system, including the Texas Hill, Highview, and FM 812 pressure planes. It will allow Delhi to be a second water source for these pressure planes, redundant to the S well field.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
24" DI w/tracer wire	16520	LF	100.00	1,652,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	4135	LB	5.00	20,675.00
Butterfly Valve 24"	4	ea	5,000.00	20,000.00
24" Fire Hydrant Assembly (w/ valve and tee)	2	ea	9,000.00	18,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	4	ea	2,500.00	10,000.00
24" Sand Bedding	16520	LF	17.50	289,100.00
Bore w/24" steel casing	400	LF	250.00	100,000.00
24" Cement Stabilization	40	LF	30.00	1,200.00
Driveway Crossing w/o casing	150	L.F.	15.00	2,250.00
21" CSC Wet Connection w/24"x 21"	1	LS		10,000.00
Erosion Control w/Silt Fence	16520	LF	2.50	41,300.00
Clearing & Chipping : moderately wooded	16520	LS	2.00	33,040.00
24" Trench Safety	16520	LS	2.00	33,040.00
Construction Subtotal				2,230,605.00
Engineering, Surveying, Legal (12.5%)				278,825.63
Contingencies (10%)				223,060.50
Easements, R.O.W: Rural	16520	LF	2.00	33,040.00
TOTAL				**$2,765,531.13**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

APPENDIX E: Capital Improvement Program
Detailed Project Cost Summaries

Deferred

North of the Colorado
Deferred Projects

Expand McDade Water Treatment Plant for Behrend Well

MAP KEY: 112

This project includes expanding the McDade WTP with a new filter and high service pump to accommodate Behrend well's 1,000-GPM production capacity.

Currently, the McDade WTP has a capacity of 1,000 GPM and treats water from the 1,000 GPM McDade well. When Behrend well comes online, it will act as a backup for the McDade well.

When the expansion is complete, this facility will add an additional 1,000 GPM production capacity to the northern half of Aqua's system, which will provide water west along Highway 290 to the Butler and Elgin East Elevated Tanks along the proposed Old Potato Road Transmission Main to the Circle D Elevated Tank, freeing up capacity at the Camp Swift WTP to serve the high growth northwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Dual Media Pressure Filter, Piping, Appurtenances		LS		600,000.00
Pump, Motor, Discharge Head		LS		35,000.00
Piping and Valves		LS		25,000.00
Electrical & Controls		LS		100,000.00

Construction Subtotal	760,000.00
Engineering, Surveying, Legal (12.5%)	95,000.00
Contingencies	152,000.00
TOTAL	**$1,007,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Old Potato Road Transmission Main

MAP KEY: 113

The Old Potato Road Transmission Main consists of a 12" water line which runs from the 12" line near the Highway 21 standpipe along Old Potato Rd to FM 1441.

Along with the Circle D Elevated Tank, this transmission main will relieve the demand on the 1441 Pump Station. The Old Potato Road transmission main project will allow Aqua to fill the Circle D Elevated Tank from the McDade WTP Pump Station. This project will free up additional capacity from the Camp Swift WTP to serve the high growth areas in the northwest portion of Aqua's system. These projects will also provide pressure to the east Highway 21 area during power outages when the 1441 Pump Station is offline.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
12" SDR-21 PVC w/tracer wire	34000	LF	25.00	850,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	3500	LB	5.00	17,500.00
12" Gate Valve w/valve box	5	ea	2,500.00	12,500.00
10" Gate Valve w/valve box	2	ea	2,000.00	4,000.00
6" Gate Valve w/valve box	2	ea	1,000.00	2,000.00
12" Fire Hydrant Assembly (w/ valve and tee)	2	ea	5,000.00	10,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	10	ea	1,250.00	12,500.00
12" Sand Bedding	34000	LF	7.50	255,000.00
18" or smaller Cement Stabilization	50	LF	25.00	1,250.00
Open Cut Road Crossing w/18" PVC casing	30	LF	100.00	3,000.00
10" Wet Connection	3	ea	1,750.00	5,250.00
Erosion Control w/Silt Fence	34000	LF	2.50	85,000.00
Clearing & Chipping : moderately wooded	34000	LS	2.00	50,000.00
12" Trench Safety	34000	LS	1.00	2,500.00
Construction Subtotal				1,310,500.00
Engineering, Surveying, Legal (12.5%)				163,812.50
Contingencies (10%)				131,050.00
Easements, R.O.W., etc.				40,000.00
TOTAL				**$1,645,362.50**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – Camp Swift Well #1

MAP KEY: 114

This project includes upsizing the Camp Swift #1 well pump from 125 hp to 300 hp and using the existing 18" casing and 8" column pipe. The larger pump will be capable of producing 2000 GPM for an added capacity of 954 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 300-hp line shaft turbine pump	1	LS	120,000.00	120,000.00
Install 300-hp VFD for well pump	1	LS	52,000.00	52,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Re-configure well head piping	1	LS	15,000.00	15,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	245,000.00
Engineering, Surveying, Legal (12.5%)	30,625.00
Contingencies (10%)	24,500.00
TOTAL	**$300,125.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – Camp Swift Well #2

MAP KEY: 114

This project includes upsizing the Camp Swift #2 well pump from 150 hp to 250 hp and using the existing 18" casing and 8" column pipe. The larger pump will be capable of producing 1700 GPM for an added capacity of 440 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 250-hp submersible pump	1	LS	100,000.00	100,000.00
Install 250-hp VFD for well pump	1	LS	48,000.00	48,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	206,000.00
Engineering, Surveying, Legal (12.5%)	25,750.00
Contingencies (10%)	20,600.00
TOTAL	**$252,350.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – Camp Swift Well #3

MAP KEY: 114

This project includes upsizing the Camp Swift #3 well pump from 100 hp to 375 hp and using the existing 14" casing and 8.625" column pipe. The larger pump will be capable of producing 2000 GPM for an added capacity of 900 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 250-hp submersible pump	1	LS	100,000.00	100,000.00
Install 250-hp VFD for well pump	1	LS	48,000.00	48,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	206,000.00
Engineering, Surveying, Legal (12.5%)	25,750.00
Contingencies (10%)	20,600.00
TOTAL	**$252,350.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift WTP Expansion Phase 1 (3.5MGD)

MAP KEY: 115

This project includes expanding the Camp Swift water treatment plant to accommodate the increase in well production obtained by upsizing wells #1, #2, and #3 and additional production from proposed Camp Swift well #6.

As of this writing, a pilot study is in progress to determine the rating of the plant pressure filters. Assuming the filters are rated for 10 GPM per square foot (1200 GPM per filter), the raw-water filtering capacity of the pressure plant is 4800 GPM. The raw-water filtering capacity of the gravity plant is 2400 GPM.

After the Camp Swift wells are upsized and well #6 is added, expected well production will be 9100 GPM. The 3.5-MGD expansion to the pressure plant will give the Camp Swift WTP a total capacity of 9600 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
96,000-gallon Contact Tank & Atomerator		LS		300,000.00
1200-GPM Pressure Filters, valves, meters, piping	2	ea	600,000.00	1,200,000.00
Chlorination Facilities		LS		400,000.00
Yard Piping		LS		75,000.00
Filter Control Panel		LS		125,000.00
Control Programming		LS		50,000.00
Electrical		LS		100,000.00

Construction Subtotal	2,250,000.00
Engineering, Surveying, Legal (12.5%)	281,250.00
Contingencies	450,000.00
TOTAL	**$2,981,250.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Autumn Ridge Transmission Main

MAP KEY: 116

The existing 6" line running along Autumn Ridge to Antioch cannot keep up with projected future demands in the southern section of the Butler/McDade pressure plane. This proposed 8" transmission main will parallel the existing line along Autumn Ridge and continue on to Old Antioch.

The purpose of this line is to move water from the Circle D Elevated Tank to the subdivisions on Old Antioch and Gotier Trace.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
8" SDR-21 PVC, construction costs	29300	LF	32.00	937,600.00
Construction Subtotal				937,600.00
Engineering, Surveying, Legal (12.5%)				117,200.00
Contingencies				187,520.00
Easements, R.O.W: Rural	29300	LF	2.00	58,600.00
TOTAL				**$1,300,920.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift Well #6 Test Hole and Reservation Permit

MAP KEY: 117

This project consists of obtaining a reservation permit from the Lost Pines Groundwater Conservation District, which is needed to secure water rights for completing this well in the future. This well is expected to have a capacity of 1,000 GPM and is expected to require iron removal.

Water from this well would be treated at the Camp Swift WTP and would help serve the northwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Test Hole and Reservation Permit		LS		100,000.00

Construction Subtotal	100,000.00
Engineering	5,000.00
Contingencies (10%)	10,000.00
TOTAL	**$115,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift Well #6 and Raw Water Line

MAP KEY: 117

This project includes drilling the well (projected to have a capacity of 1,000 GPM), installing a 10" and 16" raw water line to the Camp Swift water treatment plant. The well water will require iron removal. The 16" raw water line will be shared with Camp Swift Well #7 and Camp Swift Well #8.

The raw water line lengths are estimates only, as the exact location of this future well is unknown.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Drill and Complete 1000 GPM Well		LS		700,000.00
Well Head Piping		LS		35,000.00
Electrical Building		LS		40,000.00
Electrical & Controls		LS		80,000.00
Chain Link Fencing and Gravel Drive		LS		8,500.00
12" SDR-21 PVC w/tracer wire	240	LF	25.00	6,000.00
16" C-905 DR-25 PVC w/tracer wire	19000	LF	45.00	855,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	900	LB	5.00	4,500.00
8" Gate Valve w/valve box	16	ea	1,500.00	24,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	6	ea	1,250.00	7,500.00
1" Automatic Air/Vacuum Release Valves w/ vaults	7	ea	1,250.00	8,750.00
12" Wet Connection	9	ea	2,000.00	18,000.00
12" Sand Bedding	240	LF	7.50	1,800.00
16" Sand Bedding	19000	LF	10.00	190,000.00
Driveway Crossing w/o casing	220	L.F.	15.00	3,300.00
Bore w/24" PVC casing	105	LF	200.00	21,000.00
Open Cut Road Crossing w/24" PVC casing	60	LF	130.00	7,800.00
Erosion Control w/silt fence	19240	LF	2.50	48,100.00
Clearing & Chipping : moderately wooded	19240	LF	2.00	38,480.00
16" Trench Safety	19240	LF	1.00	19,240.00
Construction Subtotal				2,011,150.00
Engineering, Surveying, Legal (12.5%)				251,393.75
Contingencies				402,230.00
Easements, R.O.W: Rural	19240	LF	2.00	38,480.00
TOTAL				**$2,703,253.75**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Expand Camp Swift HSPs for Camp Swift Well #6

MAP KEY: 118

When the Camp Swift Well #6 comes on-line, the Camp Swift high service pump station will need to be expanded to transfer this additional water supply to the distribution system.

This project includes expanding the Camp Swift high service pumps to handle the flow from Camp Swift Well #6.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Pump, Motor, Discharge Head		LS		40,000.00
Piping and Valves		LS		35,000.00
Electrical & Controls		LS		100,000.00

Construction Subtotal	175,000.00
Engineering, Surveying, Legal (12.5%)	21,875.00
Contingencies	35,000.00
TOTAL	**$231,875.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Behrend Well Capacity to 2000 GPM

MAP KEY: 104

This project consists of replacing the 1000-GPM Behrend submersible well pump with a larger, deeper, 2000-GPM line-shaft pump.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	20,000.00	20,000.00
Install 650-hp lineshaft pump	1	LS	200,000.00	200,000.00
Install 650-hp motor	1	LS	100,000.00	100,000.00
Install 650-hp VFD	1	LS	100,000.00	100,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
20' sections of 12" column pipe	40	EA	800.00	32,000.00
Electrical & controls	1	EA	25,000.00	25,000.00

Construction Subtotal	480,000.00
Engineering, Surveying, Legal (12.5%)	60,000.00
Contingencies	96,000.00
TOTAL	**$636,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Expand McDade WTP for 3000 GPM

MAP KEY: 112

This project includes expanding the McDade WTP with a second contact tank, third filter, and fourth high service pump to accommodate the full capacity from the McDade well (1000 GPM) and the Behrend well (2000 GPM).

When the expansion is complete, this facility will add an additional 1,000 GPM production capacity to the northern half of Aqua's system, which will provide water west along Highway 290 to the Butler and Elgin East Elevated Tanks along the proposed Old Potato Road Transmission Main to the Circle D Elevated Tank, freeing up capacity at the Camp Swift WTP to serve the high growth northwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Second Contact Tank, Piping, Appurtenances		LS		100,000.00
Concrete Pad for 3rd Filter		LS		15,000.00
Dual Media Pressure Filter, Piping, Appurtenances		LS		600,000.00
Suction Piping for 4th Pump		LS		50,000.00
Pump, Motor, Discharge Head		LS		35,000.00
Piping and Valves		LS		25,000.00
Expand Building for 4th Pump		LS		50,000.00
Electrical & Controls		LS		100,000.00

Construction Subtotal	975,000.00
Engineering, Surveying, Legal (12.5%)	121,875.00
Contingencies	195,000.00
TOTAL	**$1,291,875.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main to Manor ISD Elevated Tank

MAP KEY: 119

This project consists of an 18" transmission main which runs from the end of the existing 24" West Elgin Transmission Main to the proposed Manor ISD 500,000-gallon elevated storage tank in the County Line pressure plane. This project is a future deferred project based on projected growth in the County Line pressure plane.

The purpose of this transmission main project is to provide additional flow to the County Line pressure plane and the elevated storage tanks in the northwestern corner of the CCN to meet future population growth projections.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
18" DI w/tracer wire	*35000*	LF	65.00	2,275,000.00
18" Fittings	25	ea	3,500.00	87,500.00
Butterfly Valve 18"	7	ea	4,000.00	28,000.00
6" Gate Valve w/valve box	9	ea	1,000.00	9,000.00
4" Gate Valve w/valve box	10	ea	750.00	7,500.00
18" Fire Hydrant Assembly (w/ valve and tee)	8	ea	7,000.00	56,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	5	ea	2,500.00	12,500.00
18" Sand Bedding	35000	LF	12.50	437,500.00
Bore w/30" steel casing	200	LF	300.00	60,000.00
18" or smaller Cement Stabilization	80	LF	25.00	2,000.00
Open Cut Road Crossing w/18" PVC casing	180	LF	100.00	18,000.00
4" Wet Connection	20	ea	750.00	15,000.00
Disconnect & Reconnect Meter	10	ea	350.00	3,500.00
Erosion Control w/Silt Fence	35000	LF	2.50	87,500.00
Clearing & Chipping : moderately wooded	35000	LS	2.00	70,000.00
18" Trench Safety	35000	LS	2.00	70,000.00
Construction Subtotal				3,239,000.00
Engineering, Surveying, Legal (12.5%)				404,875.00
Contingencies (10%)				323,900.00
Easements, R.O.W: Rural	35000	LS	2.00	70,000.00
TOTAL				**$4,037,775.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main to Webberwood Elevated Tank

MAP KEY: 120

This project consists of an 8" transmission main which runs from Hog Eye to Dry Creek and allows the Webberwood Elevated Tank to keep up with future peak demands.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
8" SDR-21 PVC w/tracer wire	*11000*	LF	14.00	154,000.00
8" Fittings	10	ea	825.00	8,250.00
8" Gate Valve w/valve box	2	ea	1,500.00	3,000.00
8" Wet Connection	2	ea	1,500.00	3,000.00
6" Wet Connection	6	ea	1,000.00	6,000.00
4" Wet Connection	1	ea	750.00	750.00
1" Automatic Air/Vacuum Release Valves w/ vaults	2	ea	1,250.00	2,500.00
Open Cut Road Crossing w/12" PVC casing	400	LF	85.00	34,000.00
Bore w/12" PVC casing	175	LF	120.00	21,000.00
Open Cut Road Crossing w/12" PVC casing	90	LF	85.00	7,650.00
8" Sand Bedding	11000	LF	6.00	66,000.00
8" Fire Hydrant Assembly (w/ valve and tee)	2	ea	4,000.00	8,000.00
Erosion Control w/Silt Fence	11000	LF	2.50	27,500.00
Clearing & Chipping : moderately wooded	11000	LF	2.00	22,000.00
8" Trench Safety	11000	LF	1.00	11,000.00
Construction Subtotal				374,650.00
Engineering, Surveying, Legal (12.5%)				46,831.25
Contingencies (10%)				37,465.00
Easements, R.O.W: Rural	11000	LF	2.00	22,000.00
TOTAL				**$480,946.25**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Mains along 1100 and Giese Lane

MAP KEY: 121

This project consists of two 18" transmission mains which run from County Line Road along 1100 to Giese and along Giese from Wells School Road down to the existing 24" line. These two lines will allow the ER to efficiently push water to the high projected growth northwestern region of the CCN and to the proposed Manor ISD Elevated Tank.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
18" DI, construction costs	23300	LF	100.00	2,330,000.00
Construction Subtotal				2,330,000.00
Engineering, Surveying, Legal (12.5%)				291,250.00
Contingencies				466,000.00
Easements, R.O.W: Rural	23300	LF	2.00	46,600.00
TOTAL				**$3,133,850.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Cottletown Road Water Line

MAP KEY: 122

This project consists of 8,700 L.F. of 6" water line along Cottletown Road from Highway 71 to Long Road.

This project serves the purpose of transmitting additional water from the M Pump Station to customers on the north side of Highway 71 south of the Booth Tank. Currently, these meters are served by only a single 2.5" and 3" line. With this line, it also possible to fill the Booth Standpipe from the M well field.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
6" SDR-21 PVC w/tracer wire	*8700*	LF	10.00	87,000.00
6" Fittings	15	ea	625.00	9,375.00
6" Gate Valve w/valve box	8	ea	1,000.00	8,000.00
4" Gate Valve w/valve box	2	ea	750.00	1,500.00
6" Fire Hydrant Assembly (w/ valve and tee)	4	ea	3,000.00	12,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	3	ea	1,250.00	3,750.00
6" Sand Bedding	8700	LF	5.00	43,500.00
Bore w/10" PVC casing	100	LF	100.00	10,000.00
18" or smaller Cement Stabilization	20	LF	25.00	500.00
Driveway Crossing w/o casing	100	L.F.	15.00	1,500.00
6" Wet Connection	2	ea	1,000.00	2,000.00
4" Wet Connection	10	ea	750.00	7,500.00
Disconnect & Reconnect Meter	8	ea	350.00	2,800.00
Erosion Control w/Silt Fence	8700	LF	2.50	21,750.00
Clearing & Chipping : moderately wooded	8700	LF	2.00	17,400.00
6" Trench Safety	8700	LF	1.00	8,700.00
Construction Subtotal				237,275.00
Engineering, Surveying, Legal (12.5%)				29,659.38
Contingencies (10%)				23,727.50
Easements, R.O.W: Rural	8700	LF	2.00	17,400.00
TOTAL				**$308,061.88**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

M Pump Station Upgrade

MAP KEY: 123

Depending upon the lines and pipes installed along and near Highway 71, the M station will need different levels of upgrading. At a minimum, one additional high service pump is needed to satisfy the hydraulic model and TCEQ requirements. This station is located just north of Highway 71 in zone 5 and would be connected to the rest of the lines by the projected Hwy 71 East Transmission Main.

Currently, the M pump station consists of two 340 GPM capacity pumps. TCEQ requirements state that for a pressure plane the size of Rocky Hill, the area must be served by a pump station with a minimum of two pumps. The pump station must have a capacity of 0.6 GPM per connection with the largest pump out of service. This pump station is designed for an initial rated capacity of 500 GPM and an ultimate rated capacity of 1,000 GPM. This project also includes the addition of a 200,000 gallon ground storage tank at the M site.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
200,000 gal Welded Steel Ground Storage Tank		LS		200,000.00
Tank Foundation, Painting, Sandblasting		LS		60,000.00
Pump Building w/ Pumps and required equipment		LS		100,000.00
Yard Piping and Pump Building Piping		LS		45,000.00
Electrical & Controls		LS		45,000.00
12" SDR-21 PVC w/tracer wire	660	LF	25.00	16,500.00
10" Gate Valve w/valve box	2	ea	2,000.00	4,000.00
6" Gate Valve w/valve box	1	ea	1,000.00	1,000.00
10" Wet Connection	1	ea	1,750.00	1,750.00
6" Wet Connection	1	ea	1,000.00	1,000.00

Construction Subtotal	474,250.00
Engineering, Surveying, Legal (12.5%)	59,281.25
Contingencies (10%)	47,425.00
TOTAL	**$580,956.25**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

ER Treatment Plant (900 GPM)

MAP KEY: 124

The existing ER Iron Removal Plant is a 600 GPM capacity water treatment plant designed to remove iron and chlorinate the water from ER Wells 1, 2, and 3. The total production capacity of ER Wells 1, 2, and 3 is 900 GPM since these wells are approved for aggregation. The existing plant is in need of refurbishing and is not sized to treat water from all three wells simultaneously

The purpose of this project is to replace the existing iron removal plant with a new iron removal plant sized to treat all three wells simultaneously.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Dual media pressure filter, piping, appurtenances		LS		450,000.00
Fiberglass Contact Tank		LS		140,000.00
Chlorination		LS		70,000.00
Site Grading		LS		60,000.00
Yard Piping		LS		170,000.00

Construction Subtotal	890,000.00
Engineering, Surveying, Legal (12.5%)	111,250.00
Contingencies	178,000.00
TOTAL	**$1,179,250.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Additional Pump at ER

MAP KEY: 124

The ER Pump Station currently has two 5,000 GPM pumps in operation. The pump station has room for a total of two additional 5,000 GPM pumps, which would increase the total rated capacity at the pump station from 5,000 GPM to 15,000 GPM.

The current growth rate projects that the ER Pump Station will need a third pump installed in the next 20 years. This project consists of installing a 3rd pump and the associated electrical/piping improvements needed to place the 3rd pump in service.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Pump, Motor, Discharge Head		LS		75,000.00
Piping and Valves		LS		50,000.00
Electrical & Controls		LS		50,000.00
Construction Subtotal				175,000.00
Engineering (10%)				17,500.00
Contingencies				35,000.00
TOTAL				**$227,500.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

FM 696 Water Main from Hwy 290 to Butler Tank

MAP KEY: 125

This project consists of an 8" water line from Highway 290 to the Butler Tank along FM 696 and Old Lexington Rd.

The purpose of this water line is to increase the flow of water to the Butler Elevated Tank to serve meters in the Butler area. Currently, the approach main to the Butler Elevated Tank is a single 8" line.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
8" SDR-26 PVC w/tracer wire	33000			
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	2000	LB	5.00	10,000.00
8" Gate Valve w/valve box	15	ea	1,500.00	22,500.00
1" Automatic Air/Vacuum Release Valves w/ vaults	12	ea	1,250.00	15,000.00
Fire Hydrant Assembly (w/o walve or tee)	5			
8" Sand Bedding	32750	LF	6.00	196,500.00
Bore w/12" PVC casing	120	LF	120.00	14,400.00
Cement Stabilization @ Creek Crossing	80			
Driveway Crossing w/o casing	100	L.F.	15.00	1,500.00
Wet Connection (4" or smaller)	8			
Erosion Control w/silt fence	32750	LF	2.50	81,875.00
Clearing & Chipping		LS		49,500.00
Trench Safety		LS		5,000.00

Construction Subtotal	396,275.00
Engineering, Surveying, Legal (12.5%)	49,534.38
Contingencies (10%)	39,627.50
Easements, R.O.W., etc.	41,000.00
TOTAL	**$526,436.88**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, ER to Elgin, Phase 2, 11400', 18"

MAP KEY: 126

The ER to Elgin transmission main will complement the existing 24" and 12" lines from ER to the County Line Elevated Tank to meet demands in the County Line North growth region, which are projected to grow by as much as 10% per year in the next 20 years.

Additionally, this line will also provide a redundant path from ER to the County Line tank, needed if it is necessary to take the existing 24" line out of service for maintenance.

Phase 2 begins at the intersection of FM1704 and VFW Road and terminates in an existing 18" line along Littig Road, halfway between Upper Elgin River Road and Ginsel Road.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
18" DI, construction costs	11400	LF	100.00	1,140,000.00
Construction Subtotal				1,140,000.00
Engineering, Surveying, Legal (12.5%)				142,500.00
Contingencies				228,000.00
Easements, R.O.W: Rural	11400	LF	2.00	22,800.00
TOTAL				**$1,533,300.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift Well #7 Test Hole and Reservation Permit

MAP KEY: 127

This project consists of obtaining a reservation permit from the Lost Pines Groundwater Conservation District, which is needed to secure water rights for completing this well in the future. This well is expected to have a capacity of 1,000 GPM and is expected to require iron removal.

Water from this well would be treated at the Camp Swift WTP and would help serve the northwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Test Hole and Reservation Permit		LS		100,000.00

Construction Subtotal	100,000.00
Engineering	5,000.00
Contingencies (10%)	10,000.00
TOTAL	**$115,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift Well #7 and Raw Water Line

MAP KEY: 127

This project includes drilling the well (projected to have a capacity of 1,000 GPM), installing a 12" raw water line to the 14" raw water line for Camp Swift Well #6. The well water will require iron removal. The 14" raw water line will be shared with Camp Swift Well #6 and Camp Swift Well #8.

The raw water line lengths are estimates only, as the exact location of this future well is unknown.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Drill and Complete 1000 GPM Well		LS		700,000.00
Well Head Piping		LS		35,000.00
Electrical Building		LS		40,000.00
Electrical & Controls		LS		80,000.00
Chain Link Fencing and Gravel Drive		LS		8,500.00
12" SDR-21 PVC w/tracer wire	11800	LF	25.00	295,000.00
14" C-905 DR-25 PVC w/tracer wire	1520	LF	35.00	53,200.00
12" Fittings	4	ea	1,500.00	6,000.00
8" Gate Valve w/valve box	16	ea	1,500.00	24,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	6	ea	1,250.00	7,500.00
1" Automatic Air/Vacuum Release Valves w/ vaults	7	ea	1,250.00	8,750.00
12" Wet Connection	9	ea	2,000.00	18,000.00
12" Sand Bedding	11800	LF	7.50	88,500.00
16" Sand Bedding	1520	LF	10.00	15,200.00
Driveway Crossing w/o casing	220	L.F.	15.00	3,300.00
Bore w/24" PVC casing	105	LF	200.00	21,000.00
Open Cut Road Crossing w/18" PVC casing	60	LF	100.00	6,000.00
Erosion Control w/silt fence	13320	LF	2.50	33,300.00
Clearing & Chipping : moderately wooded	13320	LF	2.00	26,640.00
12" Trench Safety	13320	LF	1.00	13,320.00
Construction Subtotal				1,409,950.00
Engineering, Surveying, Legal (12.5%)				176,243.75
Contingencies (10%)				140,995.00
Easements, R.O.W: Rural	13320	LF	2.00	26,640.00
TOTAL				**$1,753,828.75**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Expand Camp Swift HSPs for Camp Swift #7

MAP KEY: 118

When the Camp Swift #7 comes on-line, the Camp Swift high service pump station will need to be expanded to transfer this additional water supply to XS Ranch and into the general distribution system.

This project includes expanding the Camp Swift high service pumps to handle the flow from Camp Swift #7.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Pump, Motor, Discharge Head		LS		40,000.00
Piping and Valves		LS		35,000.00
Electrical & Controls		LS		50,000.00

Construction Subtotal	125,000.00
Engineering, Surveying, Legal (12.5%)	15,625.00
Contingencies (10%)	12,500.00
TOTAL	**$153,125.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift WTP Expansion Phase 2 (3.5MGD)

MAP KEY: 115

This project includes expanding the Camp Swift water treatment plant to accommodate the increase in well production obtained proposed Camp Swift wells #7 and #8.

After the Camp Swift wells are upsized and well #6 through #8 are added, expected well production will be 11100 GPM. This 3.5-MGD expansion to the pressure plant will give the Camp Swift WTP a total capacity of 12000 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
1200-GPM Pressure Filters, valves, meters, piping	2	ea	600,000.00	1,200,000.00
Yard Piping		LS		50,000.00
Control Programming		LS		50,000.00
Electrical		LS		100,000.00

Construction Subtotal	1,400,000.00
Engineering, Surveying, Legal (12.5%)	175,000.00
Contingencies	280,000.00
TOTAL	**$1,855,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main to XS Ranch

MAP KEY: 128

This proposed transmission main will provide a dedicated line from the Camp Swift Pump Station to XS Ranch approach main. During peak demand, XS Ranch will require up to approximately 4,450 GPM, and if this water is taken directly off the distribution system, low pressures are seen at connections in the Camp Swift area. The XS Ranch transmission main project will eliminate this problem and allow Aqua to provide enough water to this wholesale customer.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
20" DI, construction costs	2900	LF	112.00	324,800.00
Construction Subtotal				324,800.00
Engineering, Surveying, Legal (12.5%)				40,600.00
Contingencies				64,960.00
Easements, R.O.W: Rural	2900	LF	2.00	5,800.00
TOTAL				**$436,160.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift Well #8 Test Hole and Reservation Permit

MAP KEY: 129

This project consists of obtaining a reservation permit from the Lost Pines Groundwater Conservation District, which is needed to secure water rights for completing this well in the future. This well is expected to have a capacity of 1,000 GPM and is expected to require iron removal.

Water from this well would be treated at the Camp Swift WTP and would help serve the northwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Test Hole and Reservation Permit		LS		100,000.00

Construction Subtotal	100,000.00
Engineering	5,000.00
Contingencies (10%)	10,000.00
TOTAL	**$115,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Camp Swift #8 and Raw Water Line

MAP KEY: 129

This project includes drilling the well (projected to have a capacity of 1,000 GPM), installing a 10" raw water line to the 14" raw water line for Camp Swift Well #6. The well water will require iron removal. The 14" raw water line will be shared with Camp Swift Well #6 and Camp Swift Well #7.

The raw water line lengths are estimates only, as the exact location of this future well is unknown.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Drill and Complete 1000 GPM Well		LS		650,000.00
Well Head Piping		LS		30,000.00
Electrical Building		LS		35,000.00
Electrical & Controls		LS		80,000.00
Chain Link Fencing and Gravel Drive		LS		7,500.00
12" SDR-21 PVC w/tracer wire	12000	LF	25.00	300,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	600	LB	5.00	3,000.00
10" Gate Valve w/valve box	1	ea	2,000.00	2,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	3	ea	1,250.00	3,750.00
1" Automatic Air/Vacuum Release Valves w/ vaults	4	ea	1,250.00	5,000.00
12" Sand Bedding	12000	LF	7.50	90,000.00
Driveway Crossing w/o casing	25	L.F.	15.00	375.00
Open Cut Road Crossing w/18" PVC casing	85	LF	100.00	8,500.00
Erosion Control w/silt fence	10800	LF	2.50	27,000.00
Clearing & Chipping		LS		18,000.00
Trench Safety		LS		2,500.00
Construction Subtotal				1,262,625.00
Engineering, Surveying, Legal (12.5%)				157,828.13
Contingencies (10%)				126,262.50
Easements, R.O.W: Rural	12000	LF	2.00	24,000.00
TOTAL				**$1,570,715.63**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Expand Camp Swift HSPs for Camp Swift Well #8

MAP KEY: 118

When the Camp Swift Well #8 comes on-line, the Camp Swift high service pump station will need to be expanded to transfer this additional water supply to the distribution system.

This project includes expanding the Camp Swift high service pumps to handle the flow from Camp Swift Well #8.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Pump, Motor, Discharge Head		LS		40,000.00
Piping and Valves		LS		35,000.00
Electrical & Controls		LS		50,000.00

Construction Subtotal	125,000.00
Engineering, Surveying, Legal (12.5%)	15,625.00
Contingencies (10%)	12,500.00
TOTAL	**$153,125.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Additional Pump at Pine Hills Pump Station

MAP KEY: 130

An additional pump is needed at the Pine Hills pump station to meet TCEQ pumping-capacity requirements.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Extend Building		LS		50,000.00
Pump, Motor, Discharge Head		LS		50,000.00
Piping and Valves		LS		40,000.00
Electrical & Controls		LS		40,000.00

Construction Subtotal	180,000.00
Engineering, Surveying, Legal (12.5%)	22,500.00
Contingencies	36,000.00
TOTAL	**$238,500.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Adina Church Water Line Loop

MAP KEY: 131

The Adina Church line consists of 17,500 L.F. of 4" water line that runs from FM 696 to an existing dead end 4" line in the Blue pressure plane along CR 309 in Lee County.

This water line serves the purpose of providing higher pressure to meters in the Blue pressure plane on CR 309. This project provides a looped water line for this area, increasing service reliability.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
4" SDR-21 PVC w/tracer wire	17500	LF	7.50	131,250.00
4" Fittings	5	ea	400.00	2,000.00
4" Gate Valve w/valve box	3	ea	750.00	2,250.00
1" Automatic Air/Vacuum Release Valves w/ vaults	3	ea	1,250.00	3,750.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	2	ea	1,250.00	2,500.00
4" Sand Bedding	17500	LF	4.50	78,750.00
Bore w/8" PVC casing	30	LF	80.00	2,400.00
18" or smaller Cement Stabilization	20	LF	25.00	500.00
Driveway Crossing w/o casing	60	L.F.	15.00	900.00
4" Wet Connection	2	ea	750.00	1,500.00
Erosion Control w/Silt Fence	17500	LF	2.50	43,750.00
Clearing & Chipping : moderately wooded	17500	LF	2.00	35,000.00
4" Trench Safety	17500	LF	1.00	17,500.00
Construction Subtotal				322,050.00
Engineering, Surveying, Legal (12.5%)				40,256.25
Contingencies (10%)				32,205.00
Easements, R.O.W: Rural	17500	LF	2.00	35,000.00
TOTAL				**$429,511.25**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Gotier Rd Water Line South of Booth Standpipe

MAP KEY: 132

This project consists of 14,000 L.F. of 6" water line which follows Gotier Road southwest from the Booth Standpipe.

This line serves the purpose of replacing an existing 2" line along Gotier Road that is undersized based on the number of customers served.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
6" SDR-21 PVC w/tracer wire	14000	LF	10.00	140,000.00
6" Fittings	10	ea	625.00	6,250.00
6" Gate Valve w/valve box	6	ea	1,000.00	6,000.00
4" Gate Valve w/valve box	2	ea	750.00	1,500.00
6" Fire Hydrant Assembly (w/ valve and tee)	3	ea	3,000.00	9,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	5	ea	1,250.00	6,250.00
6" Sand Bedding	14000	LF	5.00	70,000.00
Bore w/10" PVC casing	100	LF	100.00	10,000.00
18" or smaller Cement Stabilization	200	LF	25.00	5,000.00
Driveway Crossing w/o casing	60	L.F.	15.00	900.00
6" Wet Connection	1	ea	1,000.00	1,000.00
4" Wet Connection	10	ea	750.00	7,500.00
Disconnect & Reconnect Meter	8	ea	350.00	2,800.00
Erosion Control w/Silt Fence	14000	LF	2.50	35,000.00
Clearing & Chipping : moderately wooded	14000	LF	2.00	28,000.00
6" Trench Safety	14000	LF	1.00	14,000.00
Construction Subtotal				343,200.00
Engineering, Surveying, Legal (12.5%)				42,900.00
Contingencies (10%)				34,320.00
Easements, R.O.W: Rural	14000	LF	2.00	28000
TOTAL				**$448,420.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

South of the Colorado
Deferred Projects

SH 304 Parallel TM: Delhi WTP to String Prairie

MAP KEY: 210

This is a future 24" line that will parallel the 18" line from Delhi WTP to String Prairie. This line has planned 4,500 GPM capacity for the Hinton and Foster wells, and will have capacity beyond the 20-year planning period for this study.

The 18" line has sufficient capacity to transmit 3,000 GPM from Delhi 1 and 2 wells, which will require expanded treatment capacity.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
24" DI w/tracer wire	20750	LF	100.00	2,075,000.00
24" Fittings	10	ea	5,000.00	50,000.00
Butterfly Valve 24"	3	ea	5,000.00	15,000.00
6" Gate Valve w/valve box	1	ea	1,000.00	1,000.00
24" Fire Hydrant Assembly (w/ valve and tee)	1	ea	9,000.00	9,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	6	ea	2,500.00	15,000.00
Bore w/36" steel casing	52	LF	350.00	18,200.00
Open Cut Road Crossing w/36" PVC casing	120	LF	190.00	22,800.00
24" Cement Stabilization	50	LF	30.00	1,500.00
Driveway Crossing w/o casing	100	L.F.	15.00	1,500.00
24" Sand Bedding	20750	LF	17.50	363,125.00
Erosion Control w/silt fence	20750	LF	2.50	51,875.00
Clearing & Chipping : moderately wooded	20750	LS	2.00	30,750.00
24" Trench Safety	20750	LS	2.00	30,750.00
Construction Subtotal				2,685,500.00
Engineering, Surveying, Legal (12.5%)				335,687.50
Contingencies (10%)				268,550.00
Easements, R.O.W: Rural	20750	LF	2.00	41500
TOTAL				**$3,331,237.50**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

String Prairie to Flag Hill Transmission Main

MAP KEY: 211

This project connects the proposed SH 304 24" transmission main from Delhi WTP to the intersection of Community Center Road and Fiebrich Road. The project includes 22,800 feet of 30" DI pipe continuing to the Flag Hill ground storage tank. This pipeline is sized for 7,500 GPM, including Delhi 1 & 2, Hinton, and Foster wells. Full use of the capacity in this line will require major expansion of the Delhi WTP, and construction of a parallel 24" line.

This project is a part of a group of capital improvement projects to deliver water from Delhi to southwest Bastrop County, an area identified for high potential growth.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
30" DI w/tracer wire	21000	LF	125.00	2,625,000.00
30" Fittings	5	ea	9,000.00	45,000.00
Butterfly Valve 30"	3	ea	7,500.00	22,500.00
Butterfly Valve 24"	1	ea	5,000.00	5,000.00
30" Fire Hydrant Assembly (w/ valve and tee)	2	ea	10,000.00	20,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	7	ea	2,500.00	17,500.00
30" Sand Bedding	21000	LF	20.00	420,000.00
Directional Bore w/30" DR-11 HDPE @ Big Sandy Creek	500	LF	250.00	125,000.00
36" Cement Stabilization	500	LF	35.00	17,500.00
Driveway Crossing w/o casing	60	L.F.	15.00	900.00
24" Wet Connection	1	ea	5,000.00	5,000.00
Erosion Control w/silt fence	21000	LS	2.50	52,500.00
Clearing & Chipping : moderately wooded	21000	LS	2.00	33,000.00
30" Trench Safety	21000	LS	2.00	49,000.00
Construction Subtotal				3,437,900.00
Engineering, Surveying, Legal (12.5%)				429,737.50
Contingencies (10%)				343,790.00
Easements, R.O.W: Rural	21000	LF	2.00	42000
TOTAL				**$4,253,427.50**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Decommission Sand Hills Pump Station

MAP KEY: 212

The Sand Hills Pump Station pumps water from the Red Rock Tank to the Flag Hill Standpipe. When the String Prairie to Flag Hill Transmission Main is completed, the Sand Hills Pump Station can be taken out of service. The Sand Hills pressure plane will receive its pressure from the Flag Hill Tank through an existing pressure reducing valve.

Decommissioning the Sand Hills Pump Station will serve the purpose of reducing electrical costs and simplifying Aqua's overall system operation.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
Yard Piping at Pump Station Site		LS		25,000.00
Pressure Reducing Valve		LS		15,000.00
Construction Subtotal				40,000.00
Engineering, Surveying, Legal (12.5%)				5,000.00
Contingencies (10%)				4,000.00
TOTAL				**$49,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Decommission Watterson Pump Station

MAP KEY: 213

The Watterson Pump Station pumps water from the S pressure plane to Red Rock Tank and Sand Hills Pump Station. When the Watterson Road Transmission Main projects (Map Key 222) are completed, the Watterson Pump Station can be taken out of service and replaced by a pressure-reducing valve. The Watterson standpipe will remain in service.

Decommissioning the Watterson Pump Station will serve the purpose of reducing electrical costs and simplifying Aqua's overall system operation.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
Yard Piping at Pump Station Site		LS		25,000.00
Pressure Reducing Valve		LS		15,000.00

Construction Subtotal	40,000.00
Engineering, Surveying, Legal (12.5%)	5,000.00
Contingencies (10%)	4,000.00
TOTAL	**$49,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, S to TU

MAP KEY: 214

This project consists of 17,600 feet of 24" DI stretching for the S Pump Station to the TU Pump Station. It fills TU directly from S, allowing TU to keep up with projected future demands. This line, along with the proposed 24" transmission main between TU and the Texas Hill Elevated Tank, will take full advantage to the proposed S9 and S10 wells.

This project is a part of a group of capital improvement projects to deliver water from S to southwest Bastrop County, an area identified for high potential growth. It will provide redundancy to this area and the proposed 30" transmission main from Flag Hill.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
24" DI, construction costs	17600	LF	135.00	2,376,000.00

Construction Subtotal				2,376,000.00
Engineering, Surveying, Legal (12.5%)				297,000.00
Contingencies				475,200.00
Easements, R.O.W: Rural	17600	LF	2.00	35,200.00
TOTAL				**$3,183,400.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – S Well #3

MAP KEY: 202

This project includes the upsizing of the S3 well column pipe from 5" to 6". With an 8.625" casing and 6" column pipe, a 100-hp pump and motor can be installed. We estimate that this pump will be capable of producing 845 GPM for an added capacity of 253 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 100-hp submersible pump	1	LS	36,000.00	36,000.00
Install 100-hp VFD for well pump	1	LS	25,000.00	25,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
20' sections of 6" column pipe	11	EA	344.20	3,786.20
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	122,786.20
Engineering, Surveying, Legal (12.5%)	15,348.28
Contingencies (10%)	12,278.62
TOTAL	**$150,413.10**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – S Well #4

MAP KEY: 202

This project includes the upsizing of the S4 well column pipe to 8". With a 14" casing and 8" column pipe, a 250-hp pump and motor can be installed. We estimate that this pump will be capable of producing 1600 GPM for an added capacity of 505 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 250-hp submersible pump	1	LS	100,000.00	100,000.00
Install 250-hp VFD for well pump	1	LS	48,000.00	48,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	206,000.00
Engineering, Surveying, Legal (12.5%)	25,750.00
Contingencies (10%)	20,600.00
TOTAL	**$252,350.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Increase Well Capacity – S Well #7

MAP KEY: 202

This project includes the upsizing of the S7 well column pipe to 8". With a 14" casing and 8" column pipe, a 250-hp pump and motor can be installed. We estimate that this pump will be capable of producing 1,450 GPM for an added capacity of 367 GPM.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Remove old well pump	1	LS	5,000.00	5,000.00
Install new 250-hp submersible pump	1	LS	100,000.00	100,000.00
Install 250-hp VFD for well pump	1	LS	48,000.00	48,000.00
Electrical Shelter	1	LS	35,000.00	35,000.00
Install submersible level transmitter	1	LS	3,000.00	3,000.00
Electrical & controls	1	EA	15,000.00	15,000.00

Construction Subtotal	206,000.00
Engineering, Surveying, Legal (12.5%)	25,750.00
Contingencies (10%)	20,600.00
TOTAL	**$252,350.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, TU to Mesa Verde

MAP KEY: 215

This project includes a 24" transmission main running from the TU Pump Station to the Mesa Verde Drive, about 31,400 feet. Here, it can tie into an existing 12" line that continues on to the Texas Hill Elevated Tank. Along with the proposed 24" line going to the S Pump Station to the TU Pump Station and the proposed 24" line continuing from Mesa Verde to the Texas Hill Elevated Tank, this project will allow Aqua to efficiently push water to the high growth FM 812 area.

This project is a part of a group of capital improvement projects to deliver water from S to southwest Bastrop County, an area identified for high potential growth. It will provide redundancy to this area and the proposed 30" transmission main from Flag Hill.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
24" DI, construction costs	31400	LF	135.00	4,239,000.00
Construction Subtotal				4,239,000.00
Engineering, Surveying, Legal (12.5%)				529,875.00
Contingencies				847,800.00
Easements, R.O.W: Rural	31400	LF	2.00	62,800.00
TOTAL				**$5,679,475.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

OH Elevated 500,000-Gallon Tank

MAP KEY: 216

The project supplements the 74,000-gallon OH standpipe with an elevated storage tank. This is needed to meet TCEQ elevated storage requirements for customers in the OH pressure plane.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
Tank Foundation		LS		105,000.00
500,000-gal. x 100' ht. Pedesphere		LS		900,000.00
Painting & sandblasting		LS		120,000.00
Yard Piping w/control Valve w/vault & bypass & tank drain flush valve		LS		26,000.00
Electrical		LS		9,000.00
Telemetry Controls		LS		15,000.00
Site Improvements (gravel drive, etc.)		LS		6,000.00
Chain Link Fencing (400'x 400')		LS		27,000.00

Construction Subtotal	1,208,000.00
Engineering, Legal	102,250.00
Contingencies	241,600.00
Surveying and Staking	2,500.00
Land	30,000.00
TOTAL	**$1,584,350.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, Mesa Verde to Texas Hill Elevated Tank

MAP KEY: 217

This project includes a 24" transmission main running from the Mesa Verde Drive about 20,240 feet to the Texas Hill Elevated Tank. This project continues the proposed 24" line going from the TU Pump Station to Mesa Verde Drive.

It is a part of a group of capital improvement projects to deliver water from S to southwest Bastrop County, an area identified for high potential growth. It will provide redundancy to this area and the proposed 30" transmission main from Flag Hill.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
24" DI, construction costs	20240	LF	135.00	2,732,400.00
Construction Subtotal				2,732,400.00
Engineering, Surveying, Legal (12.5%)				341,550.00
Contingencies				546,480.00
Easements, R.O.W: Rural	20240	LF	2.00	40,480.00
TOTAL				**$3,660,910.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, OH and Caldwell Improvements

MAP KEY: 218

This project consists of a 6" transmission main connecting the O Pump Station with the OH Standpipe. Without upsizing the lines in this area, the OH Standpipe empties under projected future demands. This line fills OH and tie-ins improve pressures at meters in the OH pressure plane.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
6" SDR-21 PVC, construction costs	7050	LF	28.00	197,400.00
Construction Subtotal				197,400.00
Engineering, Surveying, Legal (12.5%)				24,675.00
Contingencies				39,480.00
Easements, R.O.W: Rural	7050	LF	2.00	14,100.00
TOTAL				**$275,655.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

S9 Well Test Hole and Reservation Permit

MAP KEY: 219

This project consists of obtaining a reservation permit from the Lost Pines Groundwater Conservation District, which is needed to secure water rights for completing this well in the future. This well is expected to have a capacity of 1,000 GPM and is expected to require only chlorination for treatment.

Water from this well would be chlorinated at the S Plant and would help serve the southwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Test Hole and Reservation Permit		LS		100,000.00

Construction Subtotal	100,000.00
Engineering	5,000.00
Contingencies (10%)	10,000.00
TOTAL	**$115,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

S9 Well and Raw Water Line

MAP KEY: 219

This project includes drilling and completing the projected 1,200 GPM S Well #9 and raw water line to transmit this water to the S Plant. The well water is predicted to require chlorination only for treatment. The S9 raw water line would include 1,200 L.F. of 12" water line.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Drill and Complete 1200 GPM Well		LS		650,000.00
Well Head Piping		LS		30,000.00
Electrical Building		LS		35,000.00
Electrical & Controls		LS		60,000.00
Chain Link Fencing and Gravel Drive		LS		7,500.00
12" SDR-21 PVC w/tracer wire	1200	LF	25.00	30,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	200	LB	5.00	1,000.00
12" Gate Valve w/valve box	4	ea	2,500.00	10,000.00
12" Wet Connection	2	ea	2,000.00	4,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	1	ea	1,250.00	1,250.00
1" Automatic Air/Vacuum Release Valves w/ vaults	2	ea	1,250.00	2,500.00
Driveway Crossing w/o casing	85	L.F.	15.00	1,275.00
Bore w/18" PVC casing	40	LF	160.00	6,400.00
12" Sand Bedding	1200	LF	7.50	9,000.00
Erosion Control w/silt fence	1200	LF	2.50	3,000.00
Clearing & Chipping : moderately wooded	1200	LF	2.00	2,400.00
12" Trench Safety	1200	LF	1.00	1,200.00
Construction Subtotal				854,525.00
Engineering, Surveying, Legal (12.5%)				106,815.63
Contingencies (10%)				85,452.50
Easements, R.O.W: Rural	1200	LF	2.00	2,400.00
TOTAL				**$1,049,193.13**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

S Pump Station Improvements

MAP KEY: 203

When the S9 well comes on-line, the total projected well production from the S well fields will be approximately 10,000 GPM.

This project consists of expanding the size of the existing pump building and adding a fourth 3,650 GPM pump to the S Pump Station, which would bring the rated pumping capacity going to the TU Pump Station and Weaver Tank up to 10,950 GPM. This will allow Aqua WSC to transfer all water production from the S well field to the high growth areas in western Bastrop County.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Extend Pump Building		LS		50,000.00
250-hp Pump, Motor, Discharge Head		LS		75,000.00
Piping and Valves		LS		40,000.00
Upgrade Chlorination Facilities		LS		100,000.00
Electrical & Controls		LS		50,000.00

Construction Subtotal	315,000.00
Engineering, Surveying, Legal (12.5%)	39,375.00
Contingencies	63,000.00
TOTAL	**$417,375.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

S10 Well Test Hole and Reservation Permit

MAP KEY: 220

This project consists of obtaining a reservation permit from the Lost Pines Groundwater Conservation District, which is needed to secure water rights for completing this well in the future. This well is expected to have a capacity of 1,200 GPM and is expected to require chlorination treatment only.

Water from this well would be chlorinated at the S Plant and would help serve the southwest portion of Aqua's system.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Test Hole and Reservation Permit		LS		100,000.00

Construction Subtotal	100,000.00
Engineering	5,000.00
Contingencies (10%)	10,000.00
TOTAL	**$115,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

S10 Well and Raw Water Line

MAP KEY: 220

This project includes drilling and completing the projected 1,200 GPM S Well #10 and raw water line to transmit this water to the S Plant. The well water is predicted to require chlorination only for treatment. The S10 raw water line would include 13,200 L.F. of 12" water line.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Drill and Complete 1200 GPM Well		LS		700,000.00
Well Head Piping		LS		35,000.00
Electrical Building		LS		40,000.00
Electrical & Controls		LS		80,000.00
Chain Link Fencing and Gravel Drive		LS		8,500.00
12" SDR-21 PVC w/tracer wire	13200	LF	25.00	330,000.00
12" Fittings	2	ea	1,500.00	3,000.00
12" Gate Valve w/valve box	4	ea	2,500.00	10,000.00
12" Wet Connection	2	ea	2,000.00	4,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	1	ea	1,250.00	1,250.00
1" Automatic Air/Vacuum Release Valves w/ vaults	2	ea	1,250.00	2,500.00
Driveway Crossing w/o casing	85	L.F.	15.00	1,275.00
Bore w/18" PVC casing	40	LF	160.00	6,400.00
12" Sand Bedding	13200	LF	7.50	99,000.00
Erosion Control w/silt fence	11880	LF	2.50	29,700.00
Clearing & Chipping : moderately wooded	13202	LF	2.00	26,404.00
12" Trench Safety	13202	LF	1.00	13,202.00
Construction Subtotal				1,390,231.00
Engineering, Surveying, Legal (12.5%)				173,778.88
Contingencies (10%)				139,023.10
Easements, R.O.W: Rural	13202	LF	2.00	26404
TOTAL				**$1,729,436.98**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

New FM812 500,000-Gallon Elevated Storage Tank

MAP KEY: 221

The project supplements the 200,000-gallon FM812 elevated storage tank with a 500,000-gallon elevated storage tank. The tank is needed to meet TCEQ elevated storage requirements for customers in the FM812 pressure plane. The tank is sized to satisfy TCEQ requirements for at least 20 years after it is installed.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
Tank Foundation		LS		105,000.00
500,000-gal. x 100' ht. Pedesphere		LS		900,000.00
Painting & sandblasting		LS		120,000.00
Yard Piping w/control Valve w/vault & bypass & tank drain flush valve		LS		26,000.00
Electrical		LS		9,000.00
Telemetry Controls		LS		15,000.00
Site Improvements (gravel drive, etc.)		LS		6,000.00
Chain Link Fencing (400'x 400')		LS		by others
Construction Subtotal				1,181,000.00
Engineering, Legal				102,250.00
Contingencies				236,200.00
Surveying and Staking				2,500.00
Land				existing
TOTAL				**$1,521,950.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Watterson Road South Transmission Mains

(FM 535 to Red Rock Elevated Tank & Sand Hills Pump Station)

MAP KEY: 222

This project consists of 22,900 feet of 8" line along Watterson Road from FM 535 to the Red Rock elevated tank and 8300 feet of 8" water line from Watterson Road to the Sand Hills pump station. These water lines will increase the flow rate to the Sand Hills Pump Station in the short-term. In the long-term, they will allow the Flag Hill Tank to serve the Watterson area and eliminate the need for the Watterson Pump Station.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
8" SDR-21 PVC w/tracer wire	22900	LF	14.00	320,600.00
8" Fittings	25	ea	825.00	20,625.00
8" Gate Valve w/valve box	4	ea	1,500.00	6,000.00
6" Gate Valve w/valve box	6	ea	1,000.00	6,000.00
4" Gate Valve w/valve box	4	ea	750.00	3,000.00
8" Fire Hydrant Assembly (w/ valve and tee)	2	ea	4,000.00	8,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	10	ea	1,250.00	12,500.00
RR Bore w/12" steel casing	50	LF	225.00	11,250.00
Bore w/12" steel casing	52	LF	150.00	7,800.00
Bore w/12" PVC casing	160	LF	120.00	19,200.00
Open Cut w/12" Casing @ RR	50	LF	85.00	4,250.00
18" or smaller Cement Stabilization	68	LF	25.00	1,700.00
Driveway Crossing w/o casing	160	L.F.	15.00	2,400.00
8" Wet Connection	1	ea	1,500.00	1,500.00
6" Wet Connection	3	ea	1,000.00	3,000.00
4" Wet Connection	3	ea	750.00	2,250.00
8" Sand Bedding	22900	LF	6.00	137,400.00
Erosion Control w/silt fence	22900	LF	2.50	57,250.00
Clearing & Chipping : moderately wooded	22900	LF	2.00	45,800.00
12" Trench Safety	22900	LF	1.00	22,900.00
Construction Subtotal				693,425.00
Engineering, Surveying, Legal (12.5%)				86,678.13
Contingencies (10%)				69,342.50
Easements, R.O.W., etc.				35,000.00
TOTAL				**$884,445.63**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

SH 304 / FM 535 TM, Hofferek Rd to Wilhelm Tank

MAP KEY: 223

This project consists of 17,400 L.F. of 12" water line along SH 304 and FM 535 from Hofferek Road to the Wilhelm Elevated Tank. The purpose of this line is to move water from the Delhi Water Treatment Plant to potential future demand in the vicinity of FM 535 west of SH 304. The hydraulic model indicates that with projected demands, this line is needed to maintain the level in the Wilhelm Tank.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
12" SDR-21 PVC, construction costs	17400	LF	40.00	696,000.00
12" Fittings	24	ea	1,500.00	36,000.00
12" Gate Valve w/valve box	10	ea	2,500.00	25,000.00
8" Wet Connection	6	ea	1,500.00	9,000.00
1" Automatic Air/Vacuum Release Valves w/ vaults	9	ea	1,250.00	11,250.00
Driveway Crossing w/o casing	400	L.F.	15.00	6,000.00
Bore w/24" PVC casing	175	LF	200.00	35,000.00
Open Cut Road Crossing w/24" PVC casing	90	LF	130.00	11,700.00
12" Sand Bedding	17400	LF	7.50	130,500.00
12" Fire Hydrant Assembly (w/ valve and tee)	2	ea	5,000.00	10,000.00
Erosion Control w/silt fence	17400	LF	2.50	43,500.00
Clearing & Chipping : moderately wooded	17400	LF	2.00	34,800.00
12" Trench Safety	17400	LF	1.00	17,400.00

Construction Subtotal	1,066,150.00
Engineering, Surveying, Legal (12.5%)	133,268.75
Contingencies (10%)	106,615.00
Easements, R.O.W., etc.	
TOTAL	**$1,306,033.75**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Transmission Main, FM535, Hwy 304 to Rosanky, 9540', 8"

MAP KEY: 224

This project connects the proposed FM535 east water main to the larger transmission mains running along Hwy 304, improving the supply to customers toward Smithville.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
8" SDR-21 PVC, construction costs	9540	LF	32.00	305,280.00
Construction Subtotal				305,280.00
Engineering, Surveying, Legal (12.5%)				38,160.00
Contingencies				61,056.00
Easements, R.O.W: Rural	9540	LF	2.00	19,080.00
TOTAL				**$423,576.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Flag Hill to FM 812 Transmission Main

MAP KEY: 225

This project consists of 34,000 L.F. of 30" pipe which connects the Flag Hill Tank to FM 812 along Bateman Road.

Upon completion of the Flag Hill Tank and 30" Flag Hill Transmission Main projects, 7,500 GPM will be able to flow by gravity from the Flag Hill Tank to the high growth portion of Aqua's system, including the Texas Hill, Highview, and FM 812 pressure planes.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
30" DI w/tracer wire	34000	LF	125.00	4,250,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	35000	LB	5.00	175,000.00
Butterfly Valve 30"	3	ea	7,500.00	22,500.00
6" Gate Valve w/valve box	6	ea	1,000.00	6,000.00
30" Fire Hydrant Assembly (w/ valve and tee)	3	ea	10,000.00	30,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	10	ea	2,500.00	25,000.00
30" Sand Bedding	33000	LF	20.00	660,000.00
Directional Bore @ Upper Elm Creek:				
30" Slick Bore w/o casing	500	LF	160.00	80,000.00
Directional Bore @ Lower Elm Creek:				
30" Slick Bore w/o casing	400	LF	160.00	64,000.00
Bore w/42" steel casing	120	LF	400.00	48,000.00
Open Cut Road Crossing w/42" PVC casing	220	LF	220.00	48,400.00
RR Bore w/42" steel casing	50	LF	600.00	30,000.00
36" Cement Stabilization	100	LF	35.00	3,500.00
Driveway Crossing w/o casing	150	L.F.	15.00	2,250.00
6" Wet Connection	3	ea	1,000.00	3,000.00
4" Wet Connection	2	ea	750.00	1,500.00
Erosion Control w/silt fence	33000	LF	2.50	82,500.00
Clearing & Chipping : moderately wooded	34000	LF	2.00	68,000.00
12" Trench Safety	34000	LF	1.00	34,000.00
Construction Subtotal				5,633,650.00
Engineering, Surveying, Legal (12.5%)				704,206.25
Contingencies (10%)				563,365.00
Easements, R.O.W: Rural	34000	LF	2.00	68,000.00
TOTAL				**$6,969,221.25**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

FM 812 Transmission Main from FM 86 to Highview

MAP KEY: 226

This project consists of 41,700 L.F. of 30" pipe which is an extension of the water line from Flag Hill Tank to Texas Hill along FM 812.

Upon completion of the Flag Hill Tank and 30" Flag Hill Transmission Main projects, 7,500 GPM will be able to flow by gravity from the Flag Hill Tank to the high growth portion of Aqua's system, including the Texas Hill, Highview, and FM 812 pressure planes.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*		*Unit Cost*	*Total Cost*
30" DI w/tracer wire	41700	LF	125.00	5,212,500.00
30" Fittings	24	ea	9,000.00	216,000.00
Butterfly Valve 30"	5	ea	7,500.00	37,500.00
Butterfly Valve 16"	1	ea	3,500.00	3,500.00
12" Gate Valve w/valve box	2	ea	2,500.00	5,000.00
10" Gate Valve w/valve box	1	ea	2,000.00	2,000.00
8" Gate Valve w/valve box	2	ea	1,500.00	3,000.00
6" Gate Valve w/valve box	6	ea	1,000.00	6,000.00
30" Fire Hydrant Assembly (w/ valve and tee)	3	ea	10,000.00	30,000.00
2" Automatic Air/Vacuum Release Valves w/ vaults	12	ea	2,500.00	30,000.00
30" Sand Bedding	41700	LF	20.00	834,000.00
Directional Bore @ Walnut Creek:				
30" Slick Bore w/o casing	500	LF	160.00	80,000.00
Bore w/42" PVC casing	300	LF	320.00	96,000.00
36" Cement Stabilization	100	LF	35.00	3,500.00
Driveway Crossing w/o casing	300	L.F.	15.00	4,500.00
16" Wet Connection	1	ea	2,500.00	2,500.00
12" Wet Connection	2	ea	2,000.00	4,000.00
10" Wet Connection	1	ea	1,750.00	1,750.00
8" Wet Connection	2	ea	1,500.00	3,000.00
6" Wet Connection	3	ea	1,000.00	3,000.00
4" Wet Connection	2	ea	750.00	1,500.00
Erosion Control w/silt fence	41700	LF	2.50	104,250.00
Clearing & Chipping : moderately wooded	41700	LF	2.00	83,400.00
12" Trench Safety	41700	LF	1.00	41,700.00
Construction Subtotal				6,808,600.00
Engineering, Surveying, Legal (12.5%)				851,075.00
Contingencies (10%)				680,860.00
Easements, R.O.W., etc.				53,000.00
TOTAL				**$8,393,535.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Hinton Well and Raw Water Line

MAP KEY: 227

The Hinton well has already been completed but does not have a pump. The capacity of the well is 3,000 GPM, but for 2035 demands, only 1,000 GPM of this capacity is necessary. The water will require pH adjustment and iron removal.

This project includes installing a pump in the well and a raw-water line from the Hinton Well to the Delhi WTP. This project should be completed concurrently with expanding the Delhi WTP and pump station to support the increased capacity. The raw water line for the Hinton Well will be sized to accommodate both the 3,000 GPM Hinton Well and 1,500 GPM Foster Well.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
1000-GPM Pump and column pipe		LS		100,000.00
Well Head Piping		LS		50,000.00
Electrical Building		LS		45,000.00
Electrical & Controls		LS		125,000.00
Chain Link Fencing and Gravel Drive		LS		15,000.00
20" C-905 DR-25 PVC w/tracer wire	21200	LF	65.00	1,378,000.00
16" C-905 DR-25 PVC w/tracer wire	13200	LF	45.00	594,000.00
M.J. Ductile Iron Fittings SSB cl-350 w/restraint glands	900	LB	5.00	4,500.00
Butterfly Valve 18"	16	ea	4,000.00	64,000.00
2" Flush Valve w/ 2 1/2" Fire Hose Adapter	6	ea	1,250.00	7,500.00
1" Automatic Air/Vacuum Release Valves w/ vaults	7	ea	1,250.00	8,750.00
12" Wet Connection	9	ea	2,000.00	18,000.00
20" Trench Safety	21200	LF	2.00	42,400.00
16" Trench Safety	13200	LF	1.00	13,200.00
Erosion Control w/silt fence	30960	LF	2.50	77,400.00
20" Sand Bedding	21200	LF	15.00	318,000.00
16" Sand Bedding	13200	LF	10.00	132,000.00
Driveway Crossing w/o casing	220	L.F.	15.00	3,300.00
Bore w/30" PVC casing	105	LF	240.00	25,200.00
Open Cut Road Crossing w/30" PVC casing	60	LF	160.00	9,600.00
Clearing & Chipping : moderately wooded	34400	LF	2.00	68,800.00
Construction Subtotal				3,099,650.00
Engineering, Surveying, Legal (12.5%)				387456.25
Contingencies				619930
Easements, R.O.W: Rural	21200	LF	2.00	42,400.00
TOTAL				**$4,149,436.25**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

Delhi WTP 1,000-GPM Expansion for Hinton Well

MAP KEY: 207

The Delhi water treatment plant will have a capacity of 3,000 GPM after it is expanded to treat water from Delhi Wells 1 & 2. This project will expand the treatment plant to 4,000 GPM to treat water from the Hinton Well. This project also includes construction of a new high service pump station at the Delhi WTP site. The water from the Hinton Well requires pH adjustment and iron removal.

This project will require the completion of the 2.0 MG Flag Hill Tank and transmission mains constructed to the Highview Pump Station for this plant expansion to supply 6,000 GPM to the system. This water treatment plant expansion will serve the high growth portion of Aqua's system in southwest Bastrop County.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Dual media pressure filters, piping, appurtenances		LS		800,000.00
Chlorination		LS		30,000.00
Lime Feed System		LS		30,000.00
Pump Building w/ Pumps and required equipment		LS		250,000.00
Yard Piping and Pump Building Piping		LS		150,000.00
Electrical & Controls		LS		250,000.00
Crane Hoist		LS		30,000.00
Site Grading		LS		60,000.00

Construction Subtotal	1,600,000.00
Engineering, Surveying, Legal (12.5%)	200,000.00
Contingencies (10%)	160,000.00
Easements, R.O.W., etc.	
TOTAL	**$1,960,000.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

2.0 MG Flag Hill Ground Storage Tank

MAP KEY: 228

This project consists of constructing a 2.0 MG 70' tall x 70' diameter ground storage tank at the site of the existing Flag Hill standpipe. This ground storage tank will serve as elevated storage for a large portion of the southern half of Aqua's system.

Constructing this ground storage tank will allow Aqua to decommission the Watterson and Sand Hills Pump Stations. Upon completion of the Flag Hill Tank and 30" Flag Hill Transmission Main projects, 7,500 gpm will be able to flow by gravity from the Flag Hill Tank to the high growth portion of Aqua's system, including the Texas Hill, Highview, and FM 812 pressure planes.

Preliminary Cost Summary

(Producer Price Index 199.1 based on WPSSOP 3000, January, 2014)

Item	*Quantity*	*Units*	*Unit Cost*	*Total Cost*
Sub-Grade Preparation		LS		20,000.00
74' Gravel Tank Foundation w/12" steel retainer ring		LS		25,000.00
70' dia. x 70' ht. Welded Steel Tank		LS		850,000.00
Sandblasting & Painting of Tank		LS		200,000.00
Electrical		LS		10,000.00
Chain Link Fencing Expansion		LS		10,000.00
Telemetry Controls Modifications		LS		15,000.00
Control Valve & Vault		LS		20,000.00
Yard Piping		LS		30,000.00
Finished Site Improvements		LS		15,000.00

Construction Subtotal	1,195,000.00
Engineering (12.5%)	149,375.00
Contingencies (10%)	119,500.00
Surveying & Staking:	10,000.00
TOTAL	**$1,473,875.00**

NOTE: This is a preliminary cost summary based on similar work on the Aqua WSC system and not an actual cost quote. It has not been based on any engineering plans or survey. A revised and more accurate estimate can be provided after engineering plans have been prepared and/or actual construction bids have been received and tabulated.

North of the Colorado

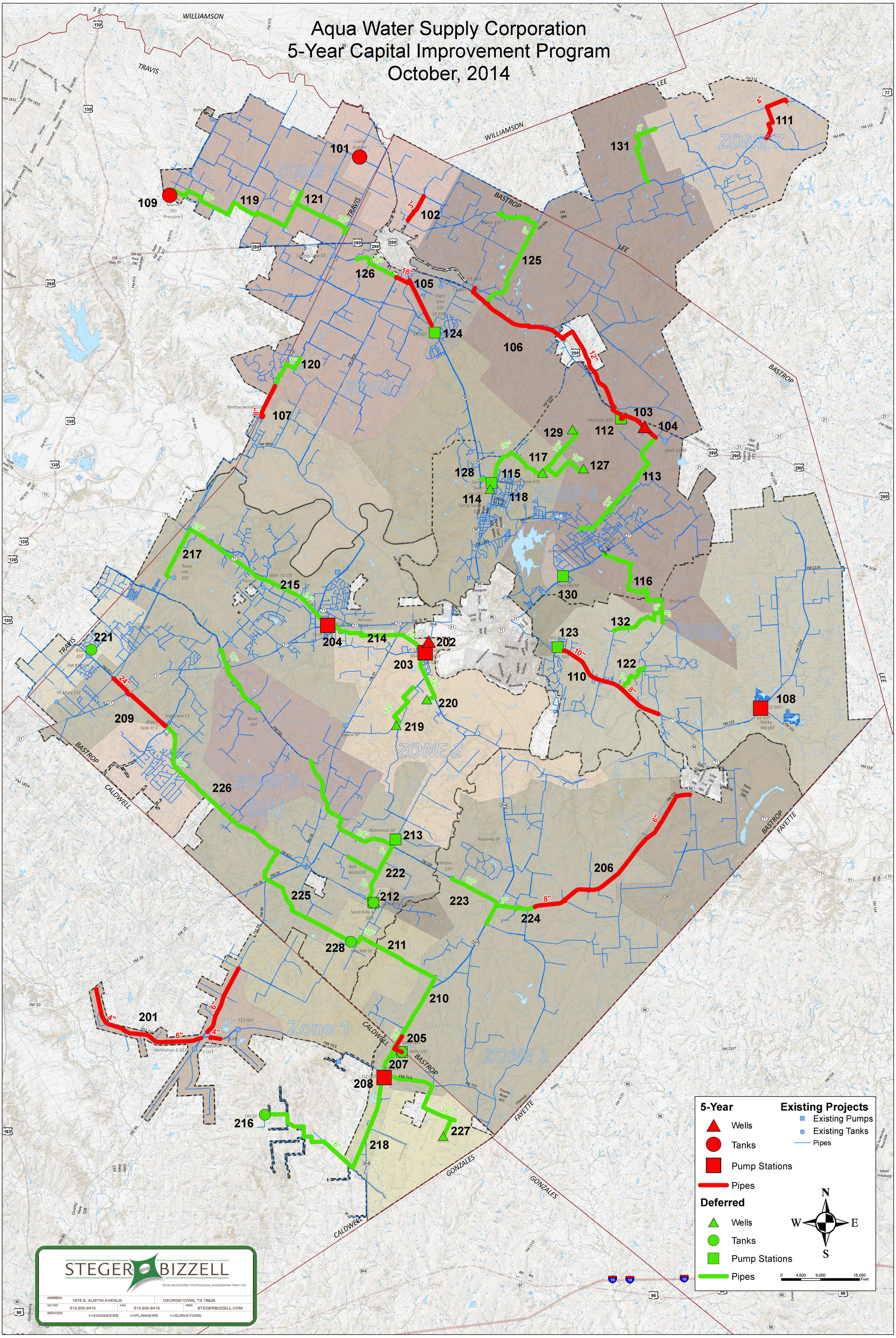
Map Key	Zone	Project	Total Cost Estimate	Production GPM	Year 2015	2016	2017	2018	2019	Total through 2019	Deferred
		Existing Production:									
		Camp Swift: (based on measured flows)		5506							
		ER:		600							
		Blue, C, Hwy 21, HT, M, McDade		3200							
		L#1		400							
		Total Existing Production: 9706 gpm									
		Production Required by 2035: 14933 gpm									
		Five Year Plan:									
101	6	New Lund Hydropneumatic Tank and Pump Station	533,950		533,950					533,950	
102	7	Transmission Main, Red Town, 6900', 4"	206,186		206,186					206,186	
103	4	Behrend Well Raw Water Line, 16" to McDade, 12" to OPR	977,646		977,646					977,646	
104	4	Behrend Well - Completion	311,375		311,375					311,375	
105	3	Transmission Main, ER to Elgin, Phase 1, 15300', 18"	1,964,663		500,000	500,000	964,663			1,964,663	
106	7	Transmission Main, Hwy 290E, McDade to "C", 52000', 12"	2,780,013		1,000,000	1,000,000	780,013			2,780,013	
107	3	Transmission Main, Dry Creek to Webberwood, 8440', 8"	342,081			342,081				342,081	
108	5	New "L" WTP and Pump Station at Rocky Hill Tank (800 gpm)	1,620,847	400			750,000	870,847		1,620,847	
109	6	Manor ISD Stadium 500,000-Gallon Tank	1,521,950					750,000	771,950	1,521,950	
110	5	Transmission Main, Hwy 71 East, 27200', 10", 8"	1,506,838					1,506,838		1,506,838	
111	7	Transmission Main, Blue, FM696 to CR341, 13500', 4"	456,300						456,300	456,300	
		5-Year Production Subtotal:		***10106***							
		Deferred:									
112	4	Expand McDade WTP for Behrend Well	1,007,000	1000							1,007,000
113	4	Old Potato Road Transmission Main, 34000', 12"	1,645,363								1,645,363
114	4	Increase Well Capacity - CS Well #1	300,125								300,125
114	4	Increase Well Capacity - CS Well #2	252,350								252,350
144	4	Increase Well Capacity - CS Well #3	309,925								309,925
115	4	Camp Swift Treatment Plant Expansion Ph1 (3.5MGD)	2,981,250	2294							2,981,250
116	4	Transmission Main, Autumn Ridge, 29300', 8"	1,300,920								1,300,920
117	4	Camp Swift #6 Test Hole and Well Reservation Permit	115,000								115,000
117	4	Camp Swift Well #6 and Raw Water Line	2,703,254	1000							2,703,254
118	4	Expand Camp Swift High Service Pumps for Well #6	231,875								231,875
104	4	Increase Behrend Well Capacity to 2000 GPM	636,000								636,000
112	4	Expand McDade WTP and HSPs for 3000 GPM	1,291,875	1000							1,291,875
119	6	Transmission Main to Manor ISD Elevated Tank, 35000', 18"	4,037,775								4,037,775
120	3	TM, Hog Eye to Dry Creek (Webberwood), 11000', 8"	480,946								480,946
121	6	Transmission Main, County Line, 1100, Wells, 23300', 18"	3,133,850								3,133,850
122	5	Cottletown Road Water Line, 8700', 6"	308,062								308,062
123	5	M Pump Station Upgrade	580,956								580,956
124	3	ER Treatment Plant (900 gpm)	1,179,250	300							1,179,250
124	3	Additional Pump at ER	227,500								227,500
125	7	FM 696 Water Main from Hwy 290 to Butler Tank, 8"	526,437								526,437
126	3	Transmission Main, ER to Elgin, Phase 2, 11400', 18"	1,533,300								1,533,300
127	4	Camp Swift #7 Test Hole and Well Reservation Permit	115,000								115,000
127	4	Camp Swift #7 and Raw Water Line	1,753,829								1,753,829
118	4	Expand Camp Swift High Service Pumps for Well #7	153,125								153,125
115	4	Camp Swift Treatment Plant Expansion Ph2 (3.5MGD)	1,855,000	1000							1,855,000
128	4	Transmission Main, Camp Swift to XS Ranch, 2900', 20"	436,160								436,160
129	4	Camp Swift #8 Test Hole and Well Reservation Permit	115,000								115,000
129	4	Camp Swift Well #8 and raw water line (1000 gpm)	1,500,000	1000							1,500,000
118	4	Expand Camp Swift High Service Pumps for Well #8	153,125								153,125
130	4	Additional Pump at Pine Hills Pump Station	238,500								238,500
131	7	Adina Church Water Line Loop, 17250', 4"	429,511								429,511
132	5	Gotier Rd Water Line South of Booth Standpipe, 14000', 6"	448,420								448,420
		North Total:	***$44,202,529***	***17700***	***$3,529,157***	***$1,842,081***	***$2,494,675***	***$3,127,684***	***$1,228,250***	***$12,221,847***	***$31,980,683***

South of the Colorado											
Map Key	Zone	Project	Total Cost Estimate	Production GPM	Year					Total through 2019	Deferred
					2015	2016	2017	2018	2019		
		Existing Production:									
		S2 - S8: (based on measured flows)		6006							
		Delhi WTP:		750							
		McMahan:		260							
		Rosanky:		295							
		S8 Additional Capacity (800 gpm) and S5 Upsizing (700 gpm):		1500							
		Total Existing Production: 8811 gpm									
		Production Required by 2035: 13736 gpm									
		Five Year Plan:									
201	1	Upgrade Small McMahan Lines, Phase 5	250,000		250,000					250,000	
202	2	Increase Well Capacity - S Well #2	159,831	389	159,831					159,831	
203	2	Station S - Replace 200-hp Pumps with 250-hp Pumps	251,750			251,750				251,750	
204	2	Station S - Replace Watterson Pumps	79,500			79,500				79,500	
205	2	Station TU - Install Split Case Pumps	251,750			251,750				251,750	
206	1	Transmission Main, SH304, Delhi WTP to CR288, 5200', 18"	593,186			593,186				593,186	
207	1	FM 535 East Water Main, Rosanky, Smithville, 47200', 8", 6"	1,498,855			750,000	748,855			1,498,855	
208	1	Delhi WTP 2,250 gpm Expansion for Delhi Well #2	3,736,500	2250			500,000	750,000	2,486,500	3,736,500	
209	1	O Pump Station Improvements	238,500					220,500		220,500	18,000
	2A	Transmission Main, FM 812, 21" CSC to Watts Tank, 24"	2,765,531						750,000	750,000	2,015,531
		5-Year Production Subtotal:		11450							
		Deferred:									
210	1	SH 304 TM2: Delhi WTP to String Prairie, 21000', 24"	3,331,238								3,331,238
211	1&2A	String Prairie to Flag Hill Transmission Main, 30"	4,253,428								4,253,428
212	2A	Decommission Sand Hills Pump Station	49,000								49,000
213	2	Decommission Watterson Pump Station	49,000								49,000
214	2	Transmission Main, S to TU, 17600', 24"	3,183,400								3,183,400
215	2	Increase Well Capacity - S Well #3	150,413	253							150,413
202	2	Increase Well Capacity - S Well #4	252,350	505							252,350
202	2	Increase Well Capacity - S Well #7	252,350	367							252,350
202	2	Transmission Main, TU to Mesa Verde, 31400', 24"	5,679,475								5,679,475
215	1	OH Elevated 500,000-Gallon Tank	1,584,350								1,584,350
216	2	Transmission Main, Mesa Verde to Texas Hill, 20240', 24"	3,660,910								3,660,910
217	1	Transmission Main, OH and Caldwell Improvements, 7050', 6"	275,655								275,655
218	2	S9 Well Test Hole and Reservation Permit	115,000								115,000
219	2	S9 Well and Raw Water Line(1200 gpm)	1,049,193	1200							1,049,193
203	2	S Pump Station Improvements	417,375								417,375
220	2	S10 Well Test Hole and Reservation Permit	115,000								115,000
220	2	S10 Well and Raw Water Line (1200 gpm)	1,729,437	1200							1,729,437
221	2A	New FM812 Elevated 500,000-Gallon Tank	1,521,950								1,521,950
222	2A	Watterson Road South Transmission Mains, 22900', 8"	884,446								884,446
223	1	SH 304 / FM 535 TM, Hofferek Rd to Wilhelm Tank, 17400', 12"	1,306,034								1,306,034
224	1	Water Main, FM 535, Hwy 304 to Rosanky, 9540', 8"	423,576								423,576
225	2A	Flag Hill to FM 812 Transmission Main, 34000', 30"	6,969,221								6,969,221
226	2A	FM 812 TM from FM 86 to Highview, 41700', 30"	8,393,535								8,393,535
227	1	Hinton Well and Raw Water Line - 1000 GPM	4,149,436								4,149,436
207	1	Expand Delhi WTP to Treat Hinton Well - 1000 GPM	1,960,000	1000							1,960,000
228	2A	Flag Hill Ground Storage Tank, 2.0 MG	1,473,875								1,473,875
		South Total:	***$ 63,055,050***	***15975***	***$ 409,831***	***$ 1,926,186***	***$ 1,248,855***	***$ 970,500***	***$ 3,236,500***	***$ 7,791,872***	***$ 55,263,177***

North and South Totals									
Project	**Total Cost Estimate**	**Production GPM**	**Year**					**Total through 2019**	**Deferred**
			2015	**2016**	**2017**	**2018**	**2019**		
North and South Total	107,257,579	33,675	3,938,988	3,768,267	3,743,530	4,098,184	4,464,750	20,013,719	87,243,860
Tank Painting	10,000,000		500,000	500,000	500,000	500,000	500,000	2,500,000	7,500,000
Undesignated Miscellaneous	4,000,000		200,000	200,000	200,000	200,000	200,000	1,000,000	3,000,000
TxDOT	10,000,000		500,000	500,000	500,000	500,000	500,000	2,500,000	7,500,000
Facility Upgrades - Engineering	4,000,000		100,000	100,000	100,000	100,000	100,000	500,000	3,500,000
Facility Upgrades - Distribution	1,000,000		50,000	50,000	50,000	50,000	50,000	250,000	750,000
Facility Upgrades - Production	3,000,000		250,000	250,000	250,000	100,000	100,000	950,000	2,050,000
Grand Total:	***$ 139,257,579***	***33,675***	***$ 5,538,988***	***$ 5,368,267***	***$ 5,343,530***	***$ 5,548,184***	***$ 5,914,750***	***$ 27,713,719***	***$ 111,543,860***

Attachment E

Aqua Water Supply Corporation
5-Year Capital Improvement Program
October, 2014



Attachment F*

*Excel spreadsheet attached separately

Attachment G*

*Excel spreadsheet attached separately

Attachment H

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:00:29 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0497	FIRE HYDRANT METER 3"		OUTSIDE
	SS		EA	1	STL
	0859	Register,Water,Meter3G,Elect,1.0"		
	SS		EA	1	SST
	0880	METER,WATER,OCTAVE,FLANGED,2.0"		CAGE
	SS		EA	1	DUC
	0881	METER,WATER,OCTAVE,FLANGED,3.0"		cage
	SS		EA	1	DUC
	0882	METER,WATER,OCTAVE,FLANGED,4.0"		CAGE
	SS		EA	1	DUC
	0883	METER,WATER,OCTAVE,FLANGED,6.0"		CAGE
	SS		EA	1	DUC
	0893	REGISTER,WATER METER,ELECTRIC,0.75"		CAGE
	SS		EA	1	SST
	0898	METER,WATER,ELECTRIC,THREADED,0.625"x0.75"		S16 L2
	SS		EA	1	BRS
	0899	METER,WATER,ELECTRIC,THREADED,1.0"		S16 L3
	SS		EA	1	BRS
	0900	METER,WATER,ELECTRIC,FLANGED,1.5"		S16 L2
	SS		EA	1	BRS
	0901	METER,WATER,ELECTRIC,FULL,0.75"		
	SS		EA	1	BRS
	0902	METER,WATER,ELECTRIC,FLANGED,2.0"		S16L2
	SS		EA	1	BRS
	0903	METER,WATER,ELECTRIC,FLANGED,3.0"		
	SS		EA	1	BRS
	0904	METER,WATER,COMPOUND,4.0"		CAGE
	SS		EA	1	BRS
	0905	METER,WATER,ELECTRIC,THREADED,1.5"		S16L2
	SS		EA	1	BRS
	0906	METER,WATER METER,ELECTRIC,1.0",NON RETURN		S16L1
	SS		EA	1	SST
	0907	METER,FULL3/4",WITHBACKFLOW,COMPOUND,METERS		SEC.16 ROW 2
	SS		EA	1	SST
	0908	METER,WATER,ELECTRIC,THREADED,2.0"		S16L2
	SS		EA	1	BRS

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:00:29 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : **Item** **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0948	REGISTER,ELECTRONIC,1.5",3G		
	SS		BX	1	BRS
	1842	REGISTER,ELECTRIC,3G,1.5"		
	SS		EA	1	SST
	1851	2" COMPOUND,REBUILD,KIT		
	SS		EA	1	BRS
	1853	4",COMPOUND,REBUILD,KIT		
	SS		EA	1	BRS
	1854	6",COMPOUND,REBUILD,KIT		
	SS		EA	1	BRS
	1856	INTERPRETER,REGISTER,ELECTRONIC		
	SS		EA	1	ELC
	1861	REGISTER,WATER,1.0",ELECTRONIC		
	SS		EA	1	ELC
	1863	REGISTER,XTR,OCTAVE,METER,ALL		
	SS		EA	1	ELC

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:03:05 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0004	VALVE,AIR RELEASE,COMBO,AIR-OVER-VACUUM,1.0"		
	SS		EA	2	BRZ
	0005	VALVE,AIR RELEASE,0.75"		S12 L5
	SS		EA	2	BRZ
	0006	VALVE,AIR RELEASE,0.50		
	SS		EA	2	CST
	0007	VALVE,AIR RELEASE,2.0"		S12 L5
	SS		EA	2	BRZ
	0008	VALVE,CHECK,BALLCONE,1/4"		
	FS		EA	2	BRS
	0009	ANGLE IRON,1"x1"		
	FS		EA	2	
	0010			
	DL			2	
	0011	VALVE,ANGLEBALL,SERVICE,CTS,0.75"		
	SS		EA	2	BRS
	0012	VALVE,ANGLE BALL,SERVICE,CTS,1.0"		S25 L6
	SS		EA	2	BRS
	0013	VALVE,ANGLE BALL,SERVICE,CTS,1.5"		S25 L8
	SS		EA	2	BRS
	0014	VALVE,ANGLE BALL,SERVICE,CTS,2.0"		S25 L8
	SS		EA	2	BRS
	0015	VALVE,ANGLE BALL,SERVICE,FIPT,0.75		S25 L4
	SS		EA	2	BRS
	0016	VALVE,ANGLE BALL,SERVICE,FIPT,1"		S25 L6
	SS		EA	2	BRS
	0017	VALVE,ANGLE BALL,SERVICE,FIPT,1.5"		S25 L6
	SS		EA	2	BRS
	0018	VALVE,ANGLE BALL,SERVICE,FIPT,2"		S25 L6
	SS		EA	2	BRS
	0019	REPAIR KIT,SOLENOID VALVE,302018		S4 L2
	SS		EA	2	BRZ
	0020	REPAIR KIT,SOLENOID VALVE,302084		S4 L2
	SS		EA	2	BRZ
	0021	REPAIR KIT,SOLENOID VALVE,302112		S4 L2
	SS		EA	2	BRZ

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:03:05 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0022	REPAIR KIT,SOLENOID VALVE,302120		S4 L2
	SS		EA	2	BRZ
	0023	REPAIR KIT,SOLENOID VALVE,302156		S4 L2
	SS		EA	2	BRZ
	0024	REPAIR KIT,SOLENOID VALVE,302183		S4 L2
	SS		EA	2	BRZ
	0025	REPAIR KIT,SOLENOID VALVE,302276		S4 L2
	SS		EA	2	BRZ
	0026	REPAIR KIT,SOLENOID VALVE,302280		S4 L4
	SS		EA	2	BRZ
	0027	REPAIR KIT,SOLENOID VALVE,302710		S4 L2
	SS		EA	2	BRZ
	0028	REPAIR KIT,SOLENOID VALVE,304354		S4 L2
	SS		EA	2	BRZ
	0029	REPAIR KIT,SOLENOID VALVE,304355		S4 L4
	SS		EA	2	BRZ
	0030	REPAIR KIT,SOLENOID VALVE,306191		S4 L2
	SS		EA	2	BRZ
	0031	REPAIR,SOLENOID VALVE,306192		S4 L2
	SS		EA	2	BRZ
	0032	REPAIR KIT,SOLENOID VALVE,310422		S4 L4
	SS		EA	2	BRZ
	0033	VALVE,SOLENOID,2-WAY,NC,2.0",120/60		S4 L3
	SS		EA	2	ELC
	0034	VALVE,SOLENOID,2-WAY,NO,0.75",120/60 8210G095LF		S4 L3
	SS		EA	2	ELC
	0035	VALVE,SOLENOID,2-WAY,NC,1.0",120/60		S4 L3
	SS		EA	2	ELC
	0036	VALVE,SOLENOID,2-WAY,NC,0.75,120/60		S4 L3
	SS		EA	2	BRZ
	0037	VALVE,SOLENOID,2-WAY,NC,,2.0",8210G100		S4 L4
	SS		EA	2	ELC
	0038	VALVE,SOLENOID,ANTI-WATER HAMMER,0.75",120/60		S4 L3
	SS		EA	2	ELC
	0039	VALVE,SOLENOID,2-WAY,NC,0.25",120/60		S4 L3
	SS		EA	2	ELC

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:03:05 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0040	VALVE,SOLENOID,2-WAY,NC,0.25",120/60		S4 L3
	SS		EA	2	ELC
	0041	VALVE,SOLENOID,3-WAY,0.25",UNIVERSAL,120/60		S4 L3
	SS		EA	2	ELC
	0042	VALVE,SOLENOID,3-WAY,1/8",120/60		S4 L3
	SS		EA	2	ELC
	0043	VALVE,SOLENOID,2-WAY,SST,1/8",120/60		S4 L3
	SS		EA	2	SST
	0044	VALVE,SOLENOID,2-WAY,NC,.3/4" 8210G088E		S4 L3
	SS		EA	2	SST
	0045	VALVE,SOLENOID,3-WAY,NO,0.25",120/60		S4 L3
	SS		EA	2	ELC
	0046	VALVE,SOLENOID,2-WAY,120/60		S4 L3
	SS		EA	2	ELC
	0047	VALVE,SOLENOID,2WAY,NO,1/4",120/60		
	SS		EA	2	SST
	0048	VALVE,SOLENOID,4-WAY,0.38",120/60		S4 L4
	SS		EA	2	ELC
	0049	REPAIR KIT,SOLENOID VALVE,310422		
	SS		EA	2	BRS
	0050	VALVE,SOLENOID,2WAY,NC,NO,COIL		SEC.4 ROW2 BIN1
	SS		EA	2	BRS
	0052	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,3/8"		
	SS		EA	2	BRZ
	0053	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,0.25"		S25 L4
	SS		EA	2	BRZ
	0054	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,0.5"		S25 L4
	SS		EA	2	BRZ
	0055	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,0.75"		S25 L4
	SS		EA	2	BRZ
	0056	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,1.0"		S25 L5
	SS		EA	2	BRZ
	0057	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,1.25"		S25 L5
	SS		EA	2	BRZ

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:03:05 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code / Measure Code / Type Code / Material Code		
	0058	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,1.5"		S25 L5
	SS	EA	2	BRZ
	0059	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,2.0"		S25 L4
	SS	EA	2	BRZ
	0060	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,3.0"		S25 L5
	SS	EA	2	BRZ
	0061	VALVE,BALL,THREADED,2-PIECE,BRONZE,STD. PORT,0.375		S25 L4
	SS	EA	2	BRZ
	0062	VALVE,CHECK,BALL-CONE,0.50"		
	SS	EA	2	BRZ
	0063	VALVE,CHECK,BALL-CONE,0.75"		
	SS	EA	2	BRZ
	0064	VALVE,CHECK,BALL-CONE,1.0"		
	SS	EA	2	BRZ
	0065	VALVE,CHECK,BALL-CONE,1.5"		
	SS	EA	2	BRZ
	0066	VALVE,CHECK,BALL-CONE,2.0"		
	SS	EA	2	BRZ
	0068	VALVE,CHECK,BALL-CONE,3/8"		
	SS	EA	2	BRZ
	0069	BATTERY,6V		
	FS	EA	2	
	0070	BATTERY,9V		
	FS	EA	2	
	0071	BATTERY,1.5V,AA		
	FS	EA	2	
	0072	BATTERY,1.5V,AAA		
	FS	EA	2	
	0073	BATTERY,1.5V,C		
	FS	EA	2	
	0074	BATTERY,1.5V,D		
	FS	EA	2	
	0075	CLAMP,LEAK,BELL JOINT,10"		
	SS	EA	2	STL
	0076	CLAMP,LEAK,BELL JOINT,12"		
	SS	EA	2	STL

Aqua Water Supply Corporation

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0077	CLAMP,LEAK,BELL JOINT,2.0"		
	SS		EA	2	STL
	0078	CLAMP,LEAK,BELL JOINT,3.0"		
	SS		EA	2	STL
	0079	CLAMP,LEAK,BELL JOINT,4.0"		
	SS		EA	2	STL
	0080	CLAMP,LEAK,BELL JOINT,6.0"		
	SS		EA	2	STL
	0081	CLAMP,LEAK,BELL JOINT,8.0"		
	SS		EA	2	STL
	0082	CLAMP,LEAK,BELL JOINT,C9,12"		
	SS		EA	2	STL
	0083	CLAMP,LEAK,BELL JOINT,C9,6.0"		
	SS		EA	2	STL
	0084	CLAMP,LEAK,BELL JOINT,C9,8.0"		
	SS		EA	2	STL
	0085	BUSHING,STEEL,BLACK,3"x2"		
	FS		EA	2	
	0086	CAP,BLACK STEEL,4.0"		S21L4
	DL		EA	2	STL
	0087	CLAMP,LEAK,BELLJOINT,C9,4.0"		
	SS		EA	2	STL
	0088	CLAMP,LEAK,BELLJOINT,C9,10"		
	SS		EA	2	STL
	0089	NIPPLE,STEEL,BLACK,0.5"x4"		
	FS		EA	2	
	0090	NIPPLE,STEEL,BLACK,.05"x6"		
	FS		EA	2	
	0091	NIPPLE,STEEL,BLACK,0.75"x2"		
	FS		EA	2	
	0107	REDUCER,BLACK STEEL,3.0"x2.0"		S21L5
	DL		EA	2	STL
	0108	TEE,BLACK STEEL,3.0"		S21L5
	DL		EA	2	STL
	0110	FLANGE,BLIND,10"		
	SS		EA	2	STL

Aqua Water Supply Corporation

Inventory Worksheet

Date : 2/28/2022 01:03:05 PM

User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0111	FLANGE,BLIND,12"		
	SS		EA	2	STL
	0112	FLANGE,BLIND,4"		
	SS		EA	2	STL
	0114	FLANGE,BLIND,3.0"		
	SS		EA	2	STL
	0115	FLANGE,BLIND,6.0"		
	SS		EA	2	STL
	0116	FLANGE,BLIND,8.0"		
	SS		EA	2	STL
	0117	FLANGE,BLIND,TAP,3.0"x.2.0"		
	SS		EA	2	STL
	0118	FLANGE,BLIND,TAP,4.0"x2.0"		
	SS		EA	2	STL
	0119	FLANGE,BLIND,TAP,6.0"x2.0"		
	SS		EA	2	STL
	0120	FLANGE,BLIND,TAP,8.0"x.2.0"		
	SS		EA	2	STL
	0121	NIPPLE,BRASS,2.5"X 6"		
	SS		EA	2	BRS
	0122	NIPPLE,BRASS,2.5" X 8"		
	SS		EA	2	BRS
	0123	NIPPLE,BRASS,2.5"X12"		
	SS		EA	2	BRS
	0128	ELBOW,45,BRASS,0.5"		
	FS		EA	2	
	0129	ELBOW,45,BRASS,0.75"		
	FS		EA	2	
	0130	ELBOW,45,BRASS,2.5"		
	SS		EA	2	BRS
	0131	ELBOW,45,BRASS,1.25"		
	SS		EA	2	
	0132	ELBOW,45,BRASS,1.5"		
	SS		EA	2	
	0133	ELBOW,45,BRASS,1/8"		
	FS		EA	2	

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0134	ELBOW,45,BRASS,2.0"		S24 L6
	SS		EA	2	BRS
	0135	ELBOW,45,BRASS,3/8"		
	FS		EA	2	
	0136	ELBOW,90,BRASS,0.25"		
	FS		EA	2	
	0137	ELBOW,90,BRASS,0.5"		
	FS		EA	2	
	0138	ELBOW,90,BRASS,0.75"		S24 L5
	FS		EA	2	BRS
	0139	ELBOW,90,BRASS,2.5"		
	SS		EA	2	BRS
	0140	ELBOW,90,BRASS,1.25"		
	SS		EA	2	
	0141	ELBOW,90,BRASS,1.5"		S24 L5
	SS		EA	2	BRS
	0142	ELBOW,90,BRASS,1/8"		
	FS		EA	2	
	0143	ELBOW,90,BRASS,2.0"		S24 L5
	SS		EA	2	BRS
	0144	ELBOW,90,BRASS,3.0"		S24 L5
	SS		EA	2	BRS
	0145	ELBOW,90,BRASS,3/8"		
	FS		EA	2	
	0146	ELBOW,90,BRASS,CTSxCTS,1.0"		S21 L1
	SS		EA	2	BRS
	0147	ELBOW,90,STREET,BRASS,0.75"		
	FS		EA	2	
	0149	BUSHING,BRASS,0.25"x1/8"		
	FS		EA	2	
	0150	BUSHING,BRASS,0.25"x3/8"		
	FS		EA	2	
	0151	BUSHING,BRASS,0.5"x00.25"		
	FS		EA	2	
	0152	BUSHING,BRASS,0.5"x1/8"		
	FS		EA	2	

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0153	BUSHING,BRASS,0.5"x3/8"		
	FS		EA	2	
	0154	BUSHING,BRASS,0.75"x0.25"		
	FS		EA	2	
	0155	BUSHING,BRASS,0.75"x0.5"		
	FS		EA	2	
	0156	BUSHING,BRASS,0.75"x3/8"		
	FS		EA	2	
	0157	BUSHING,BRASS,1"x0.25"		
	FS		EA	2	
	0158	BUSHING,BRASS,1"x0.5"		
	FS		EA	2	
	0159	BUSHING,BRASS,1"x0.75"		
	FS		EA	2	
	0160	BUSHING,BRASS,1.25"x0.5"		
	FS		EA	2	
	0161	BUSHING,BRASS,1.25"x0.75"		
	FS		EA	2	
	0162	BUSHING,BRASS,1.25"x1"		
	FS		EA	2	
	0163	BUSHING,BRASS,1.5"x0.5"		
	SS		EA	2	BRS
	0164	BUSHING,BRASS,1.5"x0.75"		S23 L6
	SS		EA	2	BRS
	0165	BUSHING,BRASS,1.5"x1.0"		S23 L6
	FS		EA	2	BRS
	0166	BUSHING,BRASS,1.5"x1.25"		S23 L6
	SS		EA	2	BRS
	0167	BUSHING,BRASS,2.0"x0.75"		S23 L6
	SS		EA	2	BRS
	0168	BUSHING,BRASS,2.0"x1.0"		S23 L6
	SS		EA	2	BRS
	0169	BUSHING,BRASS,2.0"x1.25"		S23 L6
	SS		EA	2	BRS
	0170	BUSHING,BRASS,2.0"x1.5"		S23 L6
	SS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0171	BUSHING,BRASS,2.5"x2.0"		S23 L6
	SS		EA	2	BRS
	0172	BUSHING,BRASS,3.0"x1.5"		S23 L6
	SS		EA	2	BRS
	0173	BUSHING,BRASS,3.0"x2.0"		S23 L6
	DL		EA	2	BRS
	0174	CAP,BRASS,0.50"		S24 L3
	FS		EA	2	BRS
	0175	CAP,BRASS,0.75"		S24 L3
	SS		EA	2	BRS
	0176	CAP,BRASS,2.5"		S24 L3
	SS		EA	2	BRS
	0177	CAP,BRASS,1.25"		S24 L3
	SS		EA	2	BRS
	0178	CAP,BRASS,1.5"		S24 L3
	SS		EA	2	BRS
	0179	CAP,BRASS,2.0"		S24 L3
	SS		EA	2	BRS
	0180	VALVE,CHECK,BRASS,0.75"		
	SS		EA	2	BRS
	0181	VALVE,CHECK,BRASS,1.0"		
	SS		EA	2	BRS
	0182	VALVE,CHECK,BRASS,1.25"		
	SS		EA	2	BRS
	0183	VALVE,CHECK,BRASS,1.5"		
	SS		EA	2	BRS
	0184	VALVE,CHECK,BRASS,2.0"		
	SS		EA	2	BRS
	0185	VALVE,ANGLE,BRASS,2.0"		
	SS		EA	2	BRS
	0186	COUPLING,BRASS,0.25"		S24 L6
	FS		EA	2	BRS
	0187	COUPLING,BRASS,0.50"		S24 L6
	FS		EA	2	BRS
	0188	COUPLING,BRASS,0.75"		S24 L6
	FS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0189	COUPLING,BRASS,1.0"		S24 L6
	FS		EA	2	BRS
	0190	COUPLING,BRASS,2.5"		S24 L6
	SS		EA	2	BRS
	0191	COUPLING,BRASS,1.50"		S24 L6
	SS		EA	2	BRS
	0192	COUPLING,BRASS,1/8"		
	FS		EA	2	
	0193	COUPLING,BRASS,2.0"		S24 L6
	SS		EA	2	BRS
	0194	COUPLING,BRASS,3/8"		
	FS		EA	2	
	0195	VALVE,GATE,BRASS,0.75"		S12 L3
	SS		EA	2	BRS
	0196	VALVE,GATE,BRASS,1.0"		S12 L3
	SS		EA	2	BRS
	0197	VALVE,GATE,BRASS,1.25"		S12 L3
	SS		EA	2	BRS
	0198	VALVE,GATE,BRASS,1.5"		S12 L3
	SS		EA	2	BRS
	0199	VALVE,GATE,BRASS,2.0"		S12 L3
	SS		EA	2	BRS
	0200	VALVE,GATE,BRASS,2.5"		S12 L3
	SS		EA	2	BRS
	0201	VALVE,GATE,BRASS,3.0"		S12 L3
	DL		EA	2	BRS
	0202	NIPPLE,BRASS,0.25"x1.5"		
	FS		EA	2	
	0203	NIPPLE,BRASS,0.25"x4"		
	FS		EA	2	
	0204	NIPPLE,BRASS,0.5"x2"		
	FS		EA	2	
	0205	NIPPLE,BRASS,0.5"x2.5"		
	FS		EA	2	
	0206	NIPPLE,BRASS,0.5"x3"		
	FS		EA	2	

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0207	NIPPLE,BRASS,0.5"x4"		
	FS		EA	2	
	0208	NIPPLE,BRASS,0.5"x6"		
	FS		EA	2	
	0209	NIPPLE,BRASS,0.75"x1.5"		S24 L4
	SS		EA	2	BRS
	0210	NIPPLE,BRASS,0.75"x12"		S23 L5
	SS		EA	2	BRS
	0211	NIPPLE,BRASS,0.75"X2"		S24 L4
	SS		EA	2	BRS
	0212	NIPPLE,BRASS,0.75"x2.5"		S24 L4
	SS		EA	2	BRS
	0213	NIPPLE,BRASS,0.75"x3.0"		S24 L4
	FS		EA	2	BRS
	0214	NIPPLE,BRASS,0.75"x4.0"		S24 L4
	FS		EA	2	BRS
	0215	NIPPLE,BRASS,0.75"x6.0"		S24 L4
	FS		EA	2	BRS
	0216	NIPPLE,BRASS,0.75"x8.0"		S24 L4
	SS		EA	2	BRS
	0217	NIPPLE,BRASS,1.0"x12"		S23 L5
	SS		EA	2	BRS
	0218	NIPPLE,BRASS,1.0"x2.0"		
	FS		EA	2	BRS
	0219	NIPPLE,BRASS,1.0"x24"		
	SS		EA	2	BRS
	0220	NIPPLE,BRASS,1.0"x3.0"		S24 L4
	SS		EA	2	BRS
	0221	NIPPLE,BRASS,1.0"x4.0"		S24 L4
	FS		EA	2	BRS
	0222	NIPPLE,BRASS,1.0"x6.0"		S24 L4
	SS		EA	2	BRS
	0223	NIPPLE,BRASS,1.0"x8.0"		S23 L5
	SS		EA	2	BRS
	0224	NIPPLE,BRASS,1.25"x2.0"		S24 L4
	FS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0225	NIPPLE,BRASS,1.25"x3.0"		S24 L4
	SS		EA	2	BRS
	0226	NIPPLE,BRASS,1.25"x4.0"		S24 L4
	SS		EA	2	BRS
	0227	NIPPLE,BRASS,1.25"X6.0"		
	SS		EA	2	BRS
	0228	NIPPLE,BRASS,1.5"x12"		S23 L5
	SS		EA	2	BRS
	0230	NIPPLE,BRASS,1.5"x3.0"		
	SS		EA	2	BRS
	0231	NIPPLE,BRASS,1.5"x4.0"		S23 L4
	SS		EA	2	BRS
	0232	NIPPLE,BRASS,1.5"x6.0"		S23 L4
	SS		EA	2	BRS
	0233	NIPPLE,BRASS,1.5"x8.0"		S23 L5
	SS		EA	2	BRS
	0234	NIPPLE,BRASS,1/8"x1.5"		
	FS		EA	2	
	0235	NIPPLE,BRASS,1/8"x3"		
	FS		EA	2	
	0236	NIPPLE,BRASS,1/8"x4"		
	FS		EA	2	
	0237	NIPPLE,BRASS,2.0"x12"		S23 L6
	SS		EA	2	BRS
	0238	NIPPLE,BRASS,2.0"x24"		S23L7
	SS		EA	2	BRS
	0239	NIPPLE,BRASS,2.0"x3.0"		S23L4
	SS		EA	2	BRS
	0240	NIPPLE,BRASS,2.0"x4.0"		S23L4
	SS		EA	2	BRS
	0241	NIPPLE,BRASS,2.0"x6.0"		S23L4
	SS		EA	2	BRS
	0242	NIPPLE,BRASS,2.0"x8.0"		S23L7
	SS		EA	2	BRS
	0243	NIPPLE,BRASS,2.5"x3.0"		S23L4
	SS		EA	2	BRS

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0244	NIPPLE,BRASS,2.5"x4.0"		S23L4
	SS		EA	2	BRS
	0245	REDUCER,BELL,BRASS,2.5"X2"		
	SS		EA	2	BRS
	0246	NIPPLE,BRASS,3/8"x1.5"		
	FS		EA	2	
	0247	NIPPLE,BRASS,3/8"x2"		
	FS		EA	2	
	0248	NIPPLE,BRASS,3/8"x3"		
	FS		EA	2	
	0249	NIPPLE,BRASS,3/8"x4"		
	FS		EA	2	
	0250	NIPPLE,BRASS,CLOSED,0.25"		
	FS		EA	2	
	0251	NIPPLE,BRASS,CLOSED,0.5"		
	FS		EA	2	
	0252	NIPPLE,CLOSED,BRASS,0.75"		S24L4
	SS		EA	2	BRS
	0253	NIPPLE,CLOSED,BRASS,1.0"		S24L4
	FS		EA	2	BRS
	0254	NIPPLE,CLOSED,BRASS,1.25"		S24L4
	FS		EA	2	BRS
	0255	NIPPLE,CLOSED,BRASS,1.5"		S23L4
	FS		EA	2	BRS
	0256	NIPPLE,BRASS,CLOSED,1/8"		
	FS		EA	2	
	0257	NIPPLE,CLOSED,BRASS,2.0"		S23L4
	SS		EA	2	BRS
	0258	NIPPLE,BRASS,CLOSED,2.5"		
	SS		EA	2	
	0259	NIPPLE,BRASS,CLOSED,3/8"		
	FS		EA	2	
	0260	PLUG,BRASS,0.25"		
	FS		EA	2	
	0261	PLUG,BRASS,0.5"		
	FS		EA	2	

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Store Code : 100 **Description** : WAREHOUSE

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Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0262	PLUG,BRASS,0.75"		
	FS		EA	2	BRS
	0263	PLUG,BRASS,1.0"		S24L2
	FS		EA	2	BRS
	0264	PLUG,BRASS,1.25"		S24L2
	SS		EA	2	BRS
	0265	PLUG,BRASS,1.5"		S24 L2
	FS		EA	2	BRS
	0266	PLUG,BRASS,1/8"		
	FS		EA	2	
	0267	PLUG,BRASS,2.0"		S24 L2
	SS		EA	2	BRS
	0268	PLUG,BRASS,3/8"		
	FS		EA	2	
	0269	REDUCER,BRASS,0.25"x1/8"		
	FS		EA	2	
	0270	REDUCER,BRASS,0.5"x0.25"		
	FS		EA	2	
	0271	REDUCER,BRASS,0.5"x3/8"		
	FS		EA	2	
	0272	REDUCER,BRASS,0.75"x0.5"		
	FS		EA	2	
	0273	REDUCER,BRASS,1.0"x0.5"		
	FS		EA	2	
	0274	REDUCER,BRASS,1.0"x0.75"		
	SS		EA	2	BRS
	0275	REDUCER,BRASS,1.25"x1'		
	SS		EA	2	
	0276	REDUCER,BELL,BRASS,1.5"x0.75"		S24 L3
	SS		EA	2	BRS
	0277	REDUCER,BELL,BRASS,1.5"x1.0"		S24 L3
	SS		EA	2	BRS
	0278	REDUCER,BRASS,1.5"x1.25"		
	SS		EA	2	
	0279	REDUCER,BELL,BRASS,2.0"x0.75"		S24 L3
	SS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description		Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0280	REDUCER,BELL,BRASS,2.0"x1.0"			S24 L3
	SS		EA	2	BRS
	0281	REDUCER,BELL,BRASS,2.0"x1.5"			S24 L3
	SS		EA	2	BRS
	0282	SADDLE,SERVICE,STEELBAND,1.5"X1"			
	SS		EA	2	STL
	0283	SADDLE,SERVICE,BRASS,1.5"x0.75"			S25 L2
	SS		EA	2	BRS
	0284	SADDLE,SERVICE,BRASS,10"x0.75"			S23 L1
	SS		EA	2	BRS
	0285	SADDLE,SERVICE,BRASS,10"x1.0"			
	SS		EA	2	BRS
	0286	SADDLE,SERVICE,BRASS,10"x2.0"			S23 L1
	SS		EA	2	BRS
	0287	SADDLE,SERVICE,BRASS,12"x0.75"			S24 L1
	SS		EA	2	BRS
	0288	SADDLE,SERVICE,BRASS,12"x1.0"			S26 L1
	SS		EA	2	BRS
	0289	SADDLE,SERVICE,BRASS,12"x2.0"			S23 L1
	SS		EA	2	BRS
	0290	SADDLE,SERVICE,DOUBLESTRAP,IRON,14"x0.75"			
	SS		EA	2	STL
	0291	SADDLE,SERVICE,C900,BRASS,18"x0.75"			S25L1
	SS		EA	2	BRS
	0292	SADDLE,SERVICE,BRASS,2.0"x.75"			S25 L2
	SS		EA	2	BRS
	0293	SADDLE,SERVICE,BRASS,2.0"x1.0"			S25 L2
	SS		EA	2	BRS
	0294	SADDLE,SERVICE,BRASS,2.0"x1.5"			S25 L3
	SS		EA	2	BRS
	0295	SADDLE,SERVICE,BRASS,2.5"x0.75"			S25 L2
	SS		EA	2	BRS
	0296	SADDLE,SERVICE,BRASS,2.5"x1.0"			S25 L2
	SS		EA	2	BRS
	0297	SADDLE,SERVICE,BRASS,3.0"x0.75"			S25 L2
	SS		EA	2	BRS

Aqua Water Supply Corporation

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description		Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0298	SADDLE,SERVICE,BRASS,3.0"x1.0"			S25 L2
	SS		EA	2	BRS
	0299	SADDLE,SERVICE,BRASS,3.0"x2.0"			S25 L3
	SS		EA	2	BRS
	0300	SADDLE,SERVICE,BRASS,4.0"x0.75"			S25 L3
	SS		EA	2	BRS
	0301	SADDLE,SERVICE,BRASS,4.0"x1.0"			S25 L3
	SS		EA	2	BRS
	0302	SADDLE,SERVICE,BRASS,4.0"x1.5"			S25 L3
	SS		EA	2	BRS
	0303	SADDLE,SERVICE,BRASS,4.0"x2.0"			S25 L3
	SS		EA	2	BRS
	0304	SADDLE,SERVICE,BRASS,5.0"x0.75"			S25 L3
	SS		EA	2	BRS
	0305	SADDLE,SERVICE,BRASS,5.0"x1.0"			S25 L3
	SS		EA	2	BRS
	0306	SADDLE,SERVICE,BRASS,6.0"x0.75"			S25 L3
	SS		EA	2	BRS
	0307	SADDLE,SERVICE,BRASS,6.0"x1.0"			S25 L3
	SS		EA	2	BRS
	0308	SADDLE,SERVICE,BRASS,6.0"x1.5"			S25 L2
	SS		EA	2	BRS
	0309	SADDLE,SERVICE,BRASS,6.0"x2.0"			S26 L4
	SS		EA	2	BRS
	0310	SADDLE,SERVICE,BRASS,8.0"x0.75"			S26 L2
	SS		EA	2	BRS
	0311	SADDLE,SERVICE,BRASS,8.0"x1.0"			S26 L2
	SS		EA	2	BRS
	0312	SADDLE,SERVICE,DOUBLESTRAP,IRON,5.0"X2.0"			
	SS		EA	2	STL
	0313	SADDLE,SERVICE,BRASS,8.0"x2.0"			S26 L4
	SS		EA	2	BRS
	0314	SADDLE,SERVICE,BRASS,C900,PIPE,10"x0.75"			
	SS		EA	2	BRS
	0315	SADDLE,SERVICE,BRASS,C900,PIPE,12"x0.75"			S24 L1
	SS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0316	SADDLE,SERVICE,BRASS,C900,PIPE,12"x2.0"		
	SS		EA	2	BRS
	0317	SADDLE,SERVICE,BRASS,C900,PIPE,4.0"x0.75"		S26 L6
	SS		EA	2	BRS
	0318	SADDLE,SERVICE,BRASS,C900,PIPE,4.0"x1.0"		S26 L6
	SS		EA	2	BRS
	0319	SADDLE,SERVICE,BRASS,C900,PIPE,4.0"x2.0"		S26 L6
	SS		EA	2	BRS
	0320	SADDLE,SERVICE,BRASS,C900,PIPE,6.0"x0.75"		S26 L6
	SS		EA	2	BRS
	0321	SADDLE,SERVICE,BRASS,C900,PIPE,6.0"x1.0"		S26 L6
	SS		EA	2	BRS
	0322	SADDLE,SERVICE,BRASS,C900,PIPE,6.0"x2.0"		S26 L6
	SS		EA	2	BRS
	0323	SADDLE,SERVICE,BRASS,C900,PIPE,8.0"x0.75"		S26 L5
	SS		EA	2	BRS
	0324	SADDLE,SERVICE,BRASS,C900,PIPE,8.0"x1.0"		S26 L5
	SS		EA	2	BRS
	0325	SADDLE,SERVICE,BRASS,C900,PIPE,8.0"x2.0"		S26 L5
	SS		EA	2	BRS
	0326	SPLICER,BRASS,COUPLING,1.0"X1.5"		S25L8
	SS		EA	2	BRS
	0327	SPLICER,BRASS,COUPLING,0.75"		S25 L5
	SS		EA	2	BRS
	0328	SPLICER,BRASS,COUPLING,1.0"		S25 L6
	SS		EA	2	BRS
	0329	SPLICER,BRASS,COUPLING,1.5"		S23 L3
	SS		EA	2	BRS
	0330	SPLICER,BRASS,COUPLING,2.0"		S23 L3
	SS		EA	2	BRS
	0331	TEE,BRASS,0.25"		
	FS		EA	2	
	0332	TEE,BRASS,0.5"		
	FS		EA	2	
	0333	CONNECTOR,TEE,BRASS,0.75"		S24 L2
	FS		EA	2	BRS

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0334	CONNECTOR,TEE,BRASS,1.0"		S24 L2
	SS		EA	2	BRS
	0335	CONNECTOR,TEE,BRASS,1.25"		S24 L2
	SS		EA	2	BRS
	0336	CONNECTOR,TEE,BRASS,1.5"		S24 L2
	SS		EA	2	BRS
	0337	TEE,BRASS,1/8"		
	FS		EA	2	
	0338	CONNECTOR,TEE,BRASS,2.0"		S24 L2
	SS		EA	2	BRS
	0339	CONNECTOR,TEE,BRASS,3.0"		S24L2
	SS		EA	2	BRS
	0340	TEE,BRASS,2.5"		
	SS		EA	2	BRS
	0341	UNION,BRASS,0.25"		
	FS		EA	2	
	0342	UNION,BRASS,0.5"		
	SS		EA	2	
	0343	UNION,BRASS,0.75"		
	SS		EA	2	
	0344	UNION,BRASS,1.0"		S23 L3
	SS		EA	2	BRS
	0345	UNION,BRASS,1.25"		
	SS		EA	2	
	0346	UNION,BRASS,1.5"		S23 L3
	SS		EA	2	BRS
	0347	UNION,BRASS,2.0"		S23 L2
	SS		EA	2	BRS
	0348	UNION,BRASS,3/8"		
	FS		EA	2	
	0349	VALVE,BUTTERFLY,10.0"		S11L7
	SS		EA	2	STL
	0350	VALVE,BUTTERFLY,3.0"		S11 L7
	SS		EA	2	STL
	0351	VALVE,BUTTERFLY,4.0"		S11 L7
	SS		EA	2	STL

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description		Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0352	VALVE,BUTTERFLY,6.0"			S11 L6
	SS		EA	2	STL
	0353	VALVE,BUTTERFLY,8.0"			S11 L6
	SS		EA	2	STL
	0354	SADDLE,BRASS,C900,16"X3/4"			
	SS		EA	2	BRS
	0355	SADDLE,IRON,C-900,18"X3/4"			
	SS		EA	2	CST
	0357	STRAINER,CAST IRON,0.75"			S16L1
	IS		EA	2	CST
	0362	CONCRETE,SACK,80 LB			OUTSIDE
	FS		EA	2	
	0363	SPLICER,SHARKBITE,3/4"			WAREHOUSE
	SS		EA	2	BRS
	0365	SPLICER,SHARKBITE,1"			WAREHOUSE
	SS		EA	2	BRS
	0366	90,ELBOW,SHARKBITE,3/4"			WAREHOUSE
	SS		EA	2	BRS
	0367	90,ELBOW,SHARKBITE,1"			WAREHOUSE
	SS		EA	2	BRS
	0373	GLOBE,CHECK VALVE,8.0"			
	SS		EA	2	DUC
	0374	WAFER,CHECK VALE,2.5",STAINLESS			
	SS		EA	2	SST
	0375	GLOBE,CHECK VALVE,3.0"			S10 L5
	SS		EA	2	BRZ
	0376	GLOBE,CHECK VALVE,4.0"			S10 L5
	SS		EA	2	BRZ
	0377	GLOBE,CHECK VALVE,6.0"			S10 L5
	SS		EA	2	BRZ
	0378	WAFER,CHECK VALVE,2.0"			
	SS		EA	2	BRZ
	0379	WAFER,CHECK VALVE,3.0"			
	SS		EA	2	BRZ
	0380	WAFER,CHECK VALVE,4.0"			
	SS		EA	2	BRZ

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User Name : NICK

Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description		Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0381	WAFER,CHECK VALVE,6.0"			
	SS		EA	2	BRZ
	0382	VALVE,CHECK,THREADED,2.0"			
	SS		EA	2	BRZ
	0383	VALVE,CHECK,WELL,4.0"			S20 L5
	SS		EA	2	BRZ
	0384	VALVE,CHECK,WELL,5.0"			S20 L5
	SS		EA	2	BRZ
	0385	VALVE,CHECK,WELL,6.0"			S20 L5
	SS		EA	2	BRZ
	0386	VALVE,CHECK,WELL,8.0"			S20 L5
	SS		EA	2	BRZ
	0387	COLLAR,CLAMP,1.5"x7.5"			S14 L1
	SS		EA	2	STL
	0388	COLLAR,CLAMP,10"x7.5"			S14 L3
	SS		EA	2	STL
	0389	COLLAR,CLAMP,12"x7.5"			S14 L4
	SS		EA	2	STL
	0390	COLLAR,CLAMP,2.0"x7.5"			S14 L1
	SS		EA	2	STL
	0391	COLLAR,CLAMP,2.5"x7.5"			S14 L1
	SS		EA	2	STL
	0392	COLLAR,CLAMP,3.0"x7.5"			S14 L1
	SS		EA	2	STL
	0393	COLLAR,CLAMP,3.5"x7.5"			S14 L1
	SS		EA	2	STL
	0394	COLLAR,CLAMP,4.0"x7.5"			S14 L2
	SS		EA	2	STL
	0395	COLLAR,CLAMP,5.0"x556"			S14 L3
	SS		EA	2	STL
	0396	COLLAR,CLAMP,5.0"X5.25"			S14 L2
	SS		EA	2	STL
	0397	COLLAR,CLAMP,6.0"x7.5"			S14 L2
	SS		EA	2	STL
	0398	COLLAR,CLAMP,8.0"x7.5"			S14 L3
	SS		EA	2	STL

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code	Measure Code	Type Code	Material Code
	0399	VALVE,CORP. STOP,MIPTxCTS,0.75"		S25 L4
	SS		EA	2	BRS
	0400	VALVE,CORP. STOP,MIPTxCTS,1.0"		S25 L6
	SS		EA	2	BRS
	0401	VALVE,CORP. STOP,MIPTxCTS,1.25"		
	SS		EA	2	BRS
	0402	VALVE,CORP. STOP,MIPTxCTS,1.5"		S25 L7
	SS		EA	2	BRS
	0403	VALVE,CORP. STOP,MIPTxCTS,2.0"		S25 L8
	SS		EA	2	BRS
	0404	VALVE,CORP. STOP,MIPTxFIPT,0.75"		S25 L4
	SS		EA	2	BRS
	0405	VALVE,CORP. STOP,MIPTxFIPT,1.0"		S25 L7
	SS		EA	2	BRS
	0406	VALVE,CORP. STOP,MIPTxFIPT,1.5"		S25 L7
	SS		EA	2	BRS
	0407	VALVE,CORP. STOP,MIPTxFIPT,2.0"		S25 L8
	SS		EA	2	BRS
	0408	VALVE,CORP. STOP,MIPTxMIPT,0.75"		S25 L4
	SS		EA	2	BRS
	0409	VALVE,CORP. STOP,MIPTxMIPT,1.0"		S25 L6
	SS		EA	2	BRS
	0410	VALVE,CORP. STOP,MIPTxMIPT,1.25"		
	SS		EA	2	BRS
	0411	VALVE,CORP. STOP,MIPTxMIPT,1.5"		S25 L7
	SS		EA	2	BRS
	0412	VALVE,CORP. STOP,MIPTxMIPT,2.0"		S25 L8
	SS		EA	2	BRS
	0413	COUPLING,HYMAX,2.0"		SAL3
	DL		EA	2	STL
	0414	COUPLING,HYMAX,4.0"		SAL3
	DL		EA	2	STL
	0415	COUPLING,HYMAX,6.0"		SAL3
	SS		EA	2	STL
	0416	COUPLING,HYMAX,8.0"		SAL3
	SS		EA	2	STL

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Store Code : 100 **Description** : WAREHOUSE

Sort By : Item **Include inactive status** ☐

Physical Count	Stock code	Stock description	Alternate Sort Key	Bin
	Category Code	Size Code / Measure Code / Type Code		Material Code
	0423	VALVE,CURB STOP,HT HANDLE,NON-LOCKING,0.75"		S25L3
	DL	EA 2		BRS
	0424	VALVE,CURB STOP,FIPTxFIPT,0.75"		S25 L4
	SS	EA 2		BRS
	0426	VALVE,CURB STOP,1.0"		S25 L6
	SS	EA 2		BRS
	0427	VALVE,CURB STOP,1.25"		S25 L6
	SS	EA 2		BRS
	0428	VALVE,CURB STOP,1.5"		S25 L6
	SS	EA 2		BRS
	0429	VALVE,CURB STOP,2.0"		S25 L7
	SS	EA 2		BRS
	0431	COIL,SOLENOID VALVE,120 VOLTS		S4L3
	IS	EA 2		ELC
	0434	REPAIR KIT,CLA-VALVE,6”		SDL1
	IS	EA 2		MSC
	0435	REPAIR KIT,CLA-VALVE,4”		SDL1
	IS	EA 2		MSC
	0470	VALVE,CHECK,DUAL,MNxFIPT,0.75"		S25L4
	DL	EA 2		BRS
	0471	VALVE,CHECK,DUAL,0.75"		S25 L4
	SS	EA 2		BRS
	0472	VALVE,CHECK,DUAL,1.0"		S25 L7
	SS	EA 2		BRS
	0473	TAPE,DUCT,ROLL		
	FS	EA 2		
	0477	EJECTOR,CHLORINE,100 PPD		LAB
	IS	EA 2		MSC
	0478	REPAIR KIT,CHLORINE EJECTOR		LAB
	DL	EA 2		MSC
	0481	FAN,EXHAUST,ELECTRIC,12",120/60		ER
	DL	EA 2		STL
	0482	FAN,EXHAUST,ELECTRIC,18",120/60		ER
	DL	EA 2		STL
	0483	FAN,EXHAUST,ELECTRIC,24",120/60		ER
	DL	EA 2		STL