

MEMORANDUM

TO: South Texas Water Authority Board of Directors
FROM: Jose M Graveley, President
DATE: April 15, 2024
SUBJECT: Meeting Notice and Agenda for the South Texas Water Authority

A Regular Meeting of the STWA Board of Directors is scheduled for:

Tuesday, April 23, 2024
5:30 p.m.
Courthouse Annex Law Enforcement Center
1500 E. King
Kingsville TX 78363

The Board will consider and act upon any lawful subject which may come before it, including among others, the following:

Agenda

1. Call to order.
2. Citizen comments. This is an opportunity for citizens to address the Board of Directors concerning an issue of community interest that is not on the agenda. Comments on the agenda items must be made when the agenda item comes before the Board. The President may place a time limit on all comments. The response of the Board to any comment under this heading is limited to making a statement of specific factual information in response to the inquiry, or, reciting existing policy in response to the inquiry. Any deliberation of the issue is limited to a proposal to place it on the agenda for a later meeting.
3. Approval of Minutes. (Attachment 1)
4. Quarterly Report/Treasurer's Report/Payment of Bills. (Attachment 2)
5. Operation and Maintenance Reports. (Attachment 3)
 - O&M Report
 - CP Update
6. Alternative Water Source Options. (Attachment 4)
7. Authorization to purchase replacement pump for Central Pump Station to feed spurline. (Attachment 5)
8. Petition for Addition of Certain Lands to the South Texas Water Authority and setting of public hearing date, time and place. (Attachment 6)
 - a. Isaac Lee Felan – 1.31 acres, more or less, situated in the Casa Blanca Survey, Being Lot 16-H, The Ranch, an unrecorded subdivision, Nueces County, Texas

9. **Resolution 24-08.** Resolution of determination of validity of Petition for Addition of Certain Lands to the South Texas Water Authority and setting the date, time and place for a public hearing and authorizing publication of public hearing notice. (Isaac Lee Felan) (Attachment 7)
10. Presentation by Triton Energy Services: Project Nobel. (Attachment 8)
11. Administration Report.
12. Adjournment.

The Board may go into closed session at any time when permitted by Chapter 551, Government Code. Before going into closed session, a quorum of the Board must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551, Government Code, authorizing the closed session.

JMG/JM/fdl
Attachments

This meeting notice was posted on
STWA's website, www.stwa.org, and on
indoor and outdoor bulletin boards at
STWA's administrative offices,
2302 East Sage Road, Kingsville, Texas at
330 am on April 19, 2024

Assistant Secretary

ATTACHMENT 1

Approval of Minutes

SOUTH TEXAS WATER AUTHORITY
Minutes – Regular Board of Directors Meeting
March 19, 2024

Board Members Present:

Jose Graveley
Frances Garcia
Joe Morales
Angela Pena
Patsy Rodgers
Art Rodriguez

Board Members Absent:

Rudy Galvan, Jr
Imelda Garza
Kathleen Lowman

Staff Present:

John Marez
Frances De Leon
Jo Ella Wagner
Patrick Sendejo

Guests Present:

Michael Mintz, EV
Kasy Stinson, Seven Seas
Darrell Brownlow
James Beach, AGS
Maria Lucio
Bette Cranford
Sandra Arizmendi
Rogelio Rodriguez, WFX
Sergio Luna, I.C.E.

1. Call to Order.

Mr. Jose Graveley, Board President, called the Regular Meeting of the STWA Board of Directors to order at 5:30 p.m. A quorum was present.

2. Citizen Comments.

Mr. Graveley opened the floor to citizen's comments. Ms. Maria Lucio addressed the Board and stated that as a result of the proposed Avina Clean Hydrogen ammonia plant in the Robstown area, she is trying to make herself more aware of water issues.

Ms. Sandra Arizmendi of Robstown also approached the board and stated that she is concerned with Nueces County Water Control and Improvement District #3 agreement to serve the Avina plant next to her residence. She believes the plant poses a health issue and that they will consume a large amount of water.

Ms. Bette Cranford voiced her concerns about Corpus Christi and District #3 pulling vast amounts of water from the Nueces River.

The order of the agenda was changed to accommodate the guests.

6. Discussion of Alternative Water Sources.

Mr. Marez introduced Mr. Michael Mintz of the EV Group who gave a presentation on the Eshelman-Vogt Ranch Brackish Desal Project. He explained that the 3 to 4-year project involves drilling 3000 feet in the Catahoula Aquifer on the EV Ranch in Hebronville and transporting potable water to STWA through a 46-mile pipeline. The water would flow downhill, thereby reducing operating costs. Pressure is expected at 67 psi by arrival at Bishop and 4 psi at Robstown. Participation of other water systems would reduce the cost of the water and STWA would be able to participate in sales revenues. The aquifer water is expected to last at least 100 years.

3. Approval of Minutes.

Ms. Rodgers made a motion to approve the minutes of the February 27, 2024 Regular Meeting as presented. Mr. Rodriguez seconded. The motion passed by unanimous vote.

4. Quarterly Report/Treasurer's Report/Payment of Bills.

The following reports were presented for the Board's consideration:

- Treasurer's Report for period ending October 31, 2023
- Revenue Fund Income Statement for period ending October 31, 2023
- Tax Fund Income Statement for period ending October 31, 2023
- Special Services Income Statement for period ending October 31, 2023
- STWA Revenue Fund Balance Sheet – October 31, 2023
- STWA Revenue Fund Trial Balance for October, 2023
- STWA Debt Service Fund Income Statement for period ending October 31, 2023
- STWA Debt Service Fund Balance Sheet – October 31, 2023
- STWA Debt Service Fund Trial Balance – October, 2023
- STWA Capital Projects Fund Income Statement for period ending October 31, 2023
- STWA Capital Projects Fund Balance Sheet – October 31, 2023
- STWA Capital Projects Fund Trial Balance – October, 2023
- STWA 2012 Bond Election Report

The following invoices were presented for Board approval:

• Universal Rectifiers, Inc.	\$	4,559.00
• Universal Rectifiers, Inc.	\$	4,559.00
• Universal Rectifiers, Inc.	\$	4,559.00
• Universal Rectifiers, Inc.	\$	4,559.00
• Raftelis	\$	12,050.00
• Kleberg County Appraisal District	\$	5,922.01
• Nueces County Appraisal District	\$	2,980.00

Mr. Rodriguez made a motion to approve the Treasurer's Report and Payment of Bills as presented. Ms. Garcia seconded. The motion passed unanimously.

5. Operation and Maintenance Reports.

- O&M Report
- CP Update

Mr. Sendejo presented the O&M Report and CP Update. There were no questions from the Board.

7. TRWA 2024 Ballot for Proposed Bylaws Amendment.

Mr. Marez presented the Texas Rural Water Association 2024 Ballot for Proposed Bylaw Amendment. Ms. Rodgers made a motion to vote in favor of the Proposed Bylaws Amendment, Mr. Rodriguez seconded and all voted in favor.

8. Administration Report.

Mr. Marez stated that the water supply contract with the City of Corpus Christi ends in June 2025 and negotiations have included discussions that other water sources are being explored. He added that the April agenda will include an item on the potentially available water sources.

Mr. Marez also reported that STWA's application for Texas Water Development Board funding has been selected for the next round of funding for next year.

9. Adjournment.

Ms. Pena made a motion to adjourn the meeting at 6:38 p.m. Mr. Rodriguez seconded. All voted in favor.

Respectfully submitted,


Frances De Leon
Assistant Secretary

ATTACHMENT 2

Quarterly Report/Treasurer's Report/Payment of Bills

**SOUTH TEXAS WATER AUTHORITY
INVESTMENT REPORT
FOR QUARTER ENDED DECEMBER 31, 2023**

	BEGINNING	BEGINNING					ENDING	ENDING
	BOOK VALUE	MARKET VALUE	TRANSFERS	REVENUES	EXPENSES	INTEREST	BOOK VALUE	MARKET VALUE
	1-Oct-23	1-Oct-23	OCTOBER, NOVEMBER, & DECEMBER				31-Dec-23	31-Dec-23
CASH ACCOUNTS								
GENERAL ACCT - PROSPERITY BANK	462,537.56	462,537.56	(25,000.00)	533,360.05	795,965.07	279.20	175,211.74	175,211.74
GENERAL ACCT TEXPOOL 1371300002	4,339,996.26	4,339,692.46	(400,000.00)	396,112.10	0.00	58,235.13	4,394,343.49	4,394,299.55
GENERAL ACCT TEXSTAR 1111-000	279,545.65	279,494.21	0.00	0.00	0.00	3,772.48	283,318.13	283,310.20
PAYROLL ACCT - PROSPERITY BANK	33,036.06	33,036.06	255,000.00	0.00	250,661.72	30.24	37,404.58	37,404.58
OPERATIONS ACCT - PROSPERITY BANK	17,019.94	17,019.94	170,000.00	0.00	118,746.76	37.50	68,310.68	68,310.68
DEBT SERVICE ACCT TEXPOOL 1371300008	110,340.96	110,333.24	0.00	84,424.86	0.00	1,958.07	196,723.89	196,721.92
TOTAL CASH ACCOUNTS	5,242,476.43	5,242,113.47	0.00	1,013,897.01	1,165,373.55	64,312.62	5,155,312.51	5,155,258.67

	AVG. MAT. 12/31/2023	OCTOBER RATE	OCTOBER EARNING	NOVEMBER RATE	NOVEMBER EARNING	DECEMBER RATE	DECEMBER EARNING	TOTALS
GENERAL ACCT - PROSPERITY BANK	immediate	0.3000%	\$96.01	0.3000%	\$85.29	0.3000%	\$97.90	\$279.20
GENERAL ACCT TEXPOOL 1371300002	38 days	5.3600%	\$19,815.22	5.3700%	\$18,889.07	5.3700%	\$19,530.84	\$58,235.13
GENERAL ACCT TEXSTAR 1111-000	44 days	5.3231%	\$1,263.55	5.3307%	\$1,230.31	5.3378%	\$1,278.62	\$3,772.48
PAYROLL ACCT - PROSPERITY BANK	immediate	0.3000%	\$10.34	0.3000%	\$11.08	0.3000%	\$8.82	\$30.24
OPERATIONS ACCT - PROSPERITY BANK	immediate	0.3000%	\$12.43	0.3000%	\$14.81	0.3000%	\$10.26	\$37.50
DEBT SERVICE ACCT TEXPOOL 1371300008	38 days	5.3600%	<u>\$515.59</u>	5.3700%	<u>\$638.28</u>	5.3700%	<u>\$804.20</u>	<u>\$1,958.07</u>
TOTALS			\$21,713.14		\$20,868.84		\$21,730.64	\$64,312.62

THIS REPORT IS IN COMPLIANCE WITH THE STRATEGIES AS APPROVED AND THE PUBLIC FUNDS INVESTMENT ACT.


INVESTMENT OFFICER

SOUTH TEXAS WATER AUTHORITY
Treasurer's Report
For Period Ending November 30, 2023

STWA Water Sales:

<u>Entity</u>	<u>Water Usage (1,000 g)</u>	<u>Cost of Water from City of Corpus Christi \$2.330896 per 1000 g</u>	<u>Handling Charge @ \$0.50/1000g</u>	<u>Incremental Increase @ \$0.50/1000g</u>	<u>Out of District Surcharge and Pass-Thru Credit</u>	<u>Total Due</u>
Kingsville	11,731	\$27,343.74	\$5,865.50	\$0.00	\$0.00	\$33,209.24
Bishop	4,798	\$11,183.64	\$2,399.00	\$0.00	\$0.00	\$13,582.64
Agua Dulce	2,261	\$5,269.42	\$1,130.34	\$0.00	\$0.00	\$6,399.76
RWSC	8,688	\$20,250.82	\$4,344.00	\$0.00	\$0.00	\$24,594.82
Driscoll	2,461	\$5,736.34	\$1,230.50	\$0.00	\$0.00	\$6,966.84
NCWCID #5	1,309	\$3,052.07	\$654.70	\$654.70	\$1,071.99	\$5,433.46
NWSC	12,781	\$29,790.02	\$6,390.25	\$0.00	\$0.00	\$36,180.27
TOTAL	44,029	\$102,626.04	\$22,014.29	\$654.70	\$1,071.99	\$126,367.02

Water Cost and Usage for Period of:

	11/01/23	11/30/23
City of Corpus Christi Invoice for Cost of Water Purchased:		\$107,803.94
Gallons of Water Recorded by City of Corpus Christi:		46,250,000
Gallons of Water Recorded by STWA from Customer's Master Meters:		44,028,581
Water Loss Percentage:		4.80%

Annual Usage for FY 2024

	Annual
Gallons of Water Recorded by City of Corpus Christi:	90,650,000
Gallons of Water Recorded by STWA from Customer's Master Meters:	87,243,701
Water Loss Percentage: (year to date)	3.76%

**REVENUE FUND
INCOME STATEMENT
FOR PERIOD ENDING NOVEMBER 30, 2023**

16.39%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Water Service Revenue	102,626	207,801	1,489,786	14%	186,605	1,377,118
Handling Charge Revenue	22,014	44,567	277,916	16%	43,732	298,250
Premium Incremental Increase	655	1,433	10,800	13%	1,594	10,900
Surcharge - Out of District	884	1,768	10,500	17%	1,662	9,972
Interest Income	19,000	38,934	220,000	18%	23,362	215,200
Interest - Note	0	0	175	0%	2,218	3,750
Other Revenue						
Operating & Maintenance Fees	690	1,395	12,500	11%	1,323	10,700
Miscellaneous Revenues	343	1,729	12,000	14%	870	46,500
Industry Revenues	0	0	0	0%	0	625,710
TOTAL REVENUES	146,212	297,628	2,033,677	15%	261,366	2,598,100
EXPENDITURES						
Water Service Expenditures:						
Bulk Water Purchases	107,804	211,334	1,489,786	14%	175,375	1,377,118
Payroll Costs						
Salaries & Wages - Perm. Employees	48,199	79,563	406,135	20%	39,247	350,000
Salaries & Wages - Vacation Buyback	0	5,885	4,368	135%	5,113	0
Overtime - NWSC	0	0	0	0%	0	0
Stand-by Pay - NWSC	0	0	0	0%	0	0
Overtime - RWSC	0	0	0	0%	0	0
Stand-by Pay - RWSC	0	0	0	0%	0	0
Overtime - STWA	2,102	4,151	15,000	28%	4,081	30,000
Stand-by Pay - STWA	150	250	1,300	19%	250	1,425
Employee Retirement Premiums	8,398	12,500	68,713	18%	(2,966)	60,026
Group Insurance Premium	16,087	32,671	243,522	13%	21,137	192,699
Unemployment Compensation	(0)	(1)	70	-1%	1	165
Workers' Compensation	(559)	16,047	6,436	249%	13,931	11,800
Hospital Insurance Tax	1,051	1,559	6,029	26%	955	5,520
Supplies & Materials						
Repairs & Maintenance	5,269	16,126	150,000	11%	10,671	133,500
Meter Expense	0	0	5,000	0%	0	6,500
Tank Repairs	0	0	30,000	0%	0	10,000
Major Repairs	0	0	25,000	0%	0	25,000
Other Operating Expenditures:						
Professional Fees						
Legal	442	897	40,000	2%	928	25,000
Auditing	775	775	10,500	7%	9,500	10,500
Engineering	0	0	50,000	0%	0	12,500
Management & Consulting	3,400	11,263	25,000	45%	0	7,500
JMAE Management Consulting LLC	5,833	11,667	70,000	17%	11,666	70,000
Inspection	0	0	7,500	0%	0	6,000

16.39%

			2024	% OF 2024	2023	2023
Consum Supplies/Materials						
Postage	(41)	(85)	8,500	-1%	1,963	4,560
Printing/Office Supplies	2,893	5,749	37,500	15%	3,736	37,500
Janitorial/Site Maintenance	1,165	1,857	19,000	10%	2,239	18,500
Fuel/Lubricants/Repairs	3,265	6,866	85,000	8%	8,965	80,000
Chemicals/Water Samples	5,997	8,129	60,000	14%	10,593	59,750
Safety Equipment	0	104	2,000	5%	0	1,750
Small Tools	76	818	3,000	27%	0	4,000
Recurring Operating Costs						
Telephone/Communications	2,364	4,497	40,000	11%	5,756	35,500
Utilities	7,402	16,119	122,500	13%	14,520	115,000
D & O Liability Insurance	0	1,705	3,500	49%	1,705	3,500
Property Insurance	0	52,133	48,000	109%	44,647	45,000
General Liability	0	2,046	5,500	37%	1,820	3,000
Auto Insurance	0	3,770	3,100	122%	2,866	3,000
Travel/Training/Meetings-Staff	277	918	15,000	6%	1,126	22,500
Travel/Training/Meetings-Board of Dir.	0	434	10,000	4%	795	0
Travel/Training/Meetings-Legislation	0	0	0	0%	0	0
Rental-Equipment/Uniforms	2,988	4,000	6,000	67%	836	20,500
Dues/Subscriptions/Publication	900	4,167	17,500	24%	2,277	18,500
Pass Through Cost	0	0	400	0%	92	400
Miscellaneous						
Miscellaneous Expenditures	912	981	15,000	7%	1,658	15,000
Total Administrative & Operations Exp.	227,150	518,893	3,155,859	16%	395,483	2,823,213
Capital Outlay						
Capital Acquisition	3,499	3,499	230,500	2%	0	1,080,226
Engineering	0	0	50,000	0%	0	81,372
TOTAL EXPENDITURES (w/o D.S. exp.)	230,649	522,392	3,436,359	15%	395,483	3,984,811
Excess (Deficiencies) of Revenue Over Expenditures	(84,436)	(224,765)	(1,402,682)	16%	(134,117)	(1,386,711)
OTHER FINANCE SOURCE (USES)						
Transfer to Other Funds						
Transfer from Tax Account	0	0	(1,650,724)	0%	0	(1,620,400)
Extra Ordinary Income						
Disposition of Assets (Surplus Sale)	0	0	(1,500)	0%	0	0
TOTAL OTHER FINANCING SOURCES (USES)	0	0	(1,652,224)	0%	0	(1,620,400)
EXCESS (DEFICIENCIES) OF REVENUES OVER OTHER SOURCES (USES)						
	(84,436)	(224,765)	249,542		(134,117)	233,689
NET INCOME	(84,436)	(224,765)	249,542		(134,117)	233,689

**TAX FUND
INCOME STATEMENT
FOR PERIOD ENDING NOVEMBER 30, 2023**

16.39%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	157,055	217,329	1,659,615	13%	193,934	1,685,710
Delinquent Tax Revenue	3,514	6,236	37,000	17%	6,164	39,177
Penalty & Interest - Tax Accounts	1,566	3,387	26,000	13%	2,590	28,866
Miscellaneous	-9	(12)	0	0%	-49	0
TOTAL TAXES & INTEREST	162,126	226,941	1,722,615	13%	202,639	1,753,753
EXPENDITURES						
Tax Collector Fees	2,942	2,942	60,627	5%	46,716	60,200
Appraisal Districts	0	0	11,264	0%	8,185	29,950
TOTAL EXPENDITURES	2,942	2,942	71,891	4%	54,901	90,150
 Transfer to General Fund	 0	 0	 1,650,724	 0%	 0	 1,620,400
 EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES	 159,185	 224,000	 0		 147,738	 43,203

**SPECIAL SERVICES
INCOME STATEMENT
FOR PERIOD ENDING NOVEMBER 30, 2023**

16.39%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ricardo Water Supply Corporation	26,289	58,535	463,829	13%	54,471	352,349
Nueces Water Supply Corporation	29,843	58,623	457,150	13%	57,872	380,461
TOTAL REVENUES	56,133	117,158	920,979	13%	112,343	732,810
EXPENDITURES						
Personnel	32,927	66,475	460,842	14%	81,408	430,850
Administrator	2,500	5,000	30,000	17%	2,500	30,000
Overhead	27,234	55,985	408,138	14%	54,220	392,226
TOTAL EXPENDITURES *	62,660	127,459	898,980	14%	138,128	853,076
EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES	(6,528)	(10,301)	21,999		(25,785)	(120,266)

04/19/24
14:24:02

SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 11 / 23

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101 Water

Assets

Current Assets

STWA - Operations	39,162.81	
STWA - General	391,097.74	
STWA - Payroll	36,544.24	
Petty Cash	150.00	
TexPool	4,195,438.00	
Tax Accounts Receivable	195,916.75	
Allowance for Uncollect Taxes	(88,575.35)	
Interlocal Rec - Tax Assessor	10,180.13	
Agua Dulce-Water	12,632.42	
Bishop - Water	23,970.79	
Driscoll - Water	21,751.36	
Kingsville - Water	75,680.10	
NCWCID 5 - Water	23,688.64	
Ricardo WSC - Water	24,594.81	
Nueces WSC - Water	36,180.27	
Ricardo WSC - General & Admin	18,510.92	
Nueces WSC - General & Admin	18,329.65	
Interlocal Rec-Bishop	407.34	
Interlocal Rec-Driscoll	2,122.04	
Interlocal Rec-Ricardo	7,778.49	
Interlocal Rec-Nueces	11,513.67	
NWSC Credit Card	(116.44)	
Due From Capital Projects Fund	829.04	
Due from Debt Service Fund	1,619.07	
Prepaid Expenses	33,326.28	
Inventory	41,746.65	

Total Current Assets		5,134,479.42

Other Assets

Notes Receivable-Not Current	11,668.00	

Total Other Assets		11,668.00

Total Assets ----- **5,146,147.42**

04/19/24
14:24:02

SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 11 / 23

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101 Water

Liabilities and Equity

Current Liabilities

Trade Accounts Payable	144,910.84	
Conversion Trade Accounts Payable	333.16	
Salaries & Wages Payable	2,549.04	
Federal WH Taxes Payable	231.79	
Medicare Payable	665.32	
Unemployment Ins Payable	11,781.42	
Emply Loan WH Payble	(675.44)	
Emply Insurance WH Payble	(8,293.20)	
Emply AFLAC Ins WH Payble	(50.53)	
Emply Nationwide WH Payble	200.00	
Emply Advance WH Payble	(539.46)	
Emply Other WH Payble	5,589.47	
Miscellaneous Payables	14,302.90	
Compensated Absences	14,605.08	
Deferred Tax Revenue	107,341.40	

Total Current Liabilities		292,951.79

Other Liabilities

Due to Debt Service Fund	549.44	
Due to Capital Projects Fund	0.02	

Total Other Liabilities		549.46

Total Liabilities

293,501.25

Equity

Retained Earnings	4,821,966.67	
Assigned Fund Bal. - Inventory	41,746.65	
CURRENT YEAR INCOME/(LOSS)	(11,067.15)	

Total Equity		4,852,646.17

Total Liabilities & Equity

5,146,147.42

101 Water

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
10100 STWA - Operations	29,590.72	50,446.72	40,874.63	9,572.09	39,162.81
10200 STWA - General	295,754.73	567,450.56	472,107.55	95,343.01	391,097.74
10400 STWA - Payroll	28,006.65	127,929.08	119,391.49	8,537.59	36,544.24
10800 Petty Cash	150.00	0.00	0.00	0.00	150.00
11300 TexPool	4,412,934.29	182,503.71	400,000.00	(217,496.29)	4,195,438.00
12100 Tax Accounts Receivable	195,916.75	0.00	0.00	0.00	195,916.75
12101 Allowance for Uncollect Taxes (	88,575.35)	0.00	0.00	0.00	(88,575.35)
12120 Interlocal Rec - Tax Assessor	11,832.68	10,179.94	11,832.49	(1,652.55)	10,180.13
12201 Agua Dulce-Water	14,148.77	6,399.76	7,916.11	(1,516.35)	12,632.42
12202 Bishop - Water	10,388.15	13,582.64	0.00	13,582.64	23,970.79
12203 Driscoll - Water	24,751.13	6,966.84	9,966.61	(2,999.77)	21,751.36
12204 Kingsville - Water	68,412.47	33,209.24	25,941.61	7,267.63	75,680.10
12205 NCWCID 5 - Water	24,358.68	5,433.46	6,103.50	(670.04)	23,688.64
12206 Ricardo WSC - Water	24,174.78	24,594.82	24,174.79	420.03	24,594.81
12207 Nueces WSC - Water	29,925.70	36,180.27	29,925.70	6,254.57	36,180.27
12208 Ricardo WSC - General & Admin	18,672.11	18,510.92	18,672.11	(161.19)	18,510.92
12209 Nueces WSC - General & Admin	18,227.32	18,329.65	18,227.32	102.33	18,329.65
12500 Interlocal Rec-Bishop	407.34	343.12	343.12	0.00	407.34
12700 Interlocal Rec-Driscoll	2,420.84	689.82	988.62	(298.80)	2,122.04
12900 Interlocal Rec-Ricardo	13,573.33	7,778.49	13,573.33	(5,794.84)	7,778.49
12901 RWSC-Credit Card	808.62	0.00	808.62	(808.62)	0.00
13000 Interlocal Rec-Nueces	10,552.63	11,513.67	10,552.63	961.04	11,513.67
13001 NWSC Credit Card	11.78	42.98	171.20	(128.22)	(116.44)
13510 Due From Capital Projects Fund	829.04	0.00	0.00	0.00	829.04
13520 Due from Debt Service Fund	1,454.82	164.25	0.00	164.25	1,619.07
14200 Prepaid Expenses	33,326.28	32,705.92	32,705.92	0.00	33,326.28
15500 Inventory	41,746.65	0.00	0.00	0.00	41,746.65
18910 Notes Receivable-Not Current	11,668.00	0.00	0.00	0.00	11,668.00
Total ASSETS	5,235,468.91	1,154,955.86	1,244,277.35	(89,321.49)	5,146,147.42
LIABILITIES AND FUND EQUITY					
20300 Trade Accounts Payable	281,195.35	305,253.58	168,969.07	(136,284.51)	144,910.84
20310 Conversion Trade Accounts Paya	333.16	0.00	0.00	0.00	333.16
20400 Salaries & Wages Payable	24,906.24	24,906.24	2,549.04	(22,357.20)	2,549.04
21051 Federal WH Taxes Payable	231.79	0.00	0.00	0.00	231.79
21052 Medicare Payable	665.32	0.00	0.00	0.00	665.32
21062 Unemployment Ins Payable	11,781.42	0.00	0.00	0.00	11,781.42
21063 Emphy Loan WH Payble	(675.44)	0.00	0.00	0.00	(675.44)
21064 Emphy Insurance WH Payble	(7,759.77)	533.43	0.00	533.43	(8,293.20)
21065 Emphy AFLAC Ins WH Payble	(424.01)	1,422.08	1,795.56	373.48	(50.53)
21067 Emphy Nationwide WH Payble	200.00	0.00	0.00	0.00	200.00
21068 Emphy Advance WH Payble	(539.46)	0.00	0.00	0.00	(539.46)

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SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 11 / 23

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101 Water

Account	Beginning	Debit	Credit	Net Change	Ending Balance
21069 Empl Other WH Payble	5,639.46	49.99	0.00	(49.99)	5,589.47
21100 Miscellaneous Payables	13,180.46	0.00	1,122.44	1,122.44	14,302.90
21500 Compensated Absences	14,605.08	0.00	0.00	0.00	14,605.08
21700 Deferred Tax Revenue	107,341.40	0.00	0.00	0.00	107,341.40
24100 Due to Debt Service Fund	361.62	0.00	187.82	187.82	549.44
24200 Due to Capital Projects Fund	0.02	0.00	0.00	0.00	0.02
28400 Retained Earnings	4,821,966.67	0.00	0.00	0.00	4,821,966.67
28410 Assigned Fund Bal. - Inventory	41,746.65	0.00	0.00	0.00	41,746.65
28999 Net Income Current Year (	79,287.05)	321,381.60	389,601.50	68,219.90 (	11,067.15)
Total LIABILITIES AND FUND EQUITY	5,235,468.91	653,546.92	564,225.43 (	89,321.49)	5,146,147.42

**DEBT SERVICE FUND
INCOME STATEMENT
FOR PERIOD ENDING NOVEMBER 30, 2023**

16.39%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	33,362	46,157	369,941	12%	40,575	353,225
Delinquent Tax Revenue	752	1,382	9,000	15%	1,417	9,450
Penalty & Interest - Tax Accounts	305	721	5,000	14%	568	6,485
Out-of-District Surcharge	188	376	1,370	27%	348	2,086
Interest on Temporary Investments	638	1,154	9,000	13%	765	14,310
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>-10</u>	<u>-10</u>
TOTAL TAXES & INTEREST	35,245	49,789	394,311	13%	43,663	385,546
OTHER FINANCING SOURCES						
Excess Bond Proceeds	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL OTHER FINANCE SOURCES	0	0	0		0	0
TOTAL REVENUE AND OTHER FINANCE SOURCES	35,245	49,789	394,311	13%	43,663	385,546
EXPENDITURES						
Fiscal Agent Fees	0	0	200	0%	0	200
Bond Interest Expense	0	0	94,000	0%	0	101,350
Bond Principal Payments	0	0	255,000	0%	0	245,000
Tax Collector Fees	0	0	14,927	0%	9,771	12,500
Appraisal District Fees	0	0	6,014	0%	0	5,750
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL EXPENDITURES	0	0	370,141	0%	9,771	364,800
EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES	35,245	49,789	24,170		33,892	20,746

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SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 11 / 23

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310 Debt Service

Assets

Current Assets

TexPool	157,779.08
Tax Accounts Receivable	58,238.39
Allowance for Uncollect Taxes	(11,370.61)
Interlocal Rec - Tax Assessor	2,169.80
Due from General Fund	549.44

Total Current Assets 207,366.10

Total Assets 207,366.10

Liabilities and Equity

Current Liabilities

Deferred Tax Revenue	46,867.78
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Total Current Liabilities 46,867.78

Other Liabilities

Due to General Fund	1,619.07
---------------------	----------

Total Other Liabilities 1,619.07

Total Liabilities 48,486.85

Equity

Fund Balance	109,090.09
CURRENT YEAR INCOME/(LOSS)	49,789.16

Total Equity 158,879.25

Total Liabilities & Equity 207,366.10

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SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 11 / 23

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310 Debt Service

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
11300 TexPool	122,206.80	35,572.28	0.00	35,572.28	157,779.08
12100 Tax Accounts Receivable	58,238.39	0.00	0.00	0.00	58,238.39
12101 Allowance for Uncollect Taxes (	11,370.61)	0.00	0.00	0.00	11,370.61)
12120 Interlocal Rec - Tax Assessor	2,520.40	2,169.80	2,520.40	(350.60)	2,169.80
13511 Due from General Fund	361.62	187.82	0.00	187.82	549.44
Total ASSETS	171,956.60	37,929.90	2,520.40	35,409.50	207,366.10
LIABILITIES AND FUND EQUITY					
21700 Deferred Tax Revenue	46,867.78	0.00	0.00	0.00	46,867.78
24300 Due to General Fund	1,454.82	0.00	164.25	164.25	1,619.07
28300 Fund Balance	109,090.09	0.00	0.00	0.00	109,090.09
28999 Net Income Current Year	14,543.91	164.25	35,409.50	35,245.25	49,789.16
Total LIABILITIES AND FUND EQUITY	171,956.60	164.25	35,573.75	35,409.50	207,366.10

**CAPITAL PROJECTS FUND
INCOME STATEMENT
FOR PERIOD ENDING NOVEMBER 30, 2023**

16.39%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Bond Proceeds	0	0	0	0%	0	0
Interest Income	1,230	2,494	9,500	26%	2,107	17,000
Other Income	0	0	0	0%	0	0
TOTAL REVENUE AND OTHER FINANCE SOURCES	1,230	2,494	9,500	26%	2,107	17,000
 EXPENDITURES						
Right of Way Acquisition	0	0	0	0%	0	0
Engineering Fees	0	0	0	0%	0	0
Construction Costs	0	0	0	0%	0	0
42" Line-Cathodic Protection	0	0	269,855	0%	13,605	50,000
Pipeline Condition Assessment	0	0	0	0%	0	0
Legal & Administrative Fees	0	0	0	0%	0	0
Cost of Bond Issuance	0	0	0	0%	0	0
Miscellaneous Fees	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL EXPENDITURES	0	0	269,855	0%	13,605	50,000
 EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES						
	1,230	2,494	(260,355)		(11,498)	(33,000)

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SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 11 / 23

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410 Capital Projects

Assets

Current Assets
TexStar

282,039.41

Total Current Assets

282,039.41

Total Assets

282,039.41

Liabilities and Equity

Other Liabilities
Due to General Fund

829.04

Total Other Liabilities

829.04

Total Liabilities

829.04

Equity

Fund Balance
CURRENT YEAR INCOME/(LOSS)

278,716.51
2,493.86

Total Equity

281,210.37

Total Liabilities & Equity

282,039.41

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SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 11 / 23

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410 Capital Projects

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
11400 TexStar	280,809.10	1,230.31	0.00	1,230.31	282,039.41
Total ASSETS	280,809.10	1,230.31	0.00	1,230.31	282,039.41
LIABILITIES AND FUND EQUITY					
24300 Due to General Fund	829.04	0.00	0.00	0.00	829.04
28300 Fund Balance	278,716.51	0.00	0.00	0.00	278,716.51
28999 Net Income Current Year	1,263.55	0.00	1,230.31	1,230.31	2,493.86
Total LIABILITIES AND FUND EQUITY	280,809.10	0.00	1,230.31	1,230.31	282,039.41

SOUTH TEXAS WATER AUTHORITY
Treasurer's Report
For Period Ending December 31, 2023

STWA Water Sales:

<u>Entity</u>	<u>Water Usage (1,000 g)</u>	<u>Cost of Water from City of Corpus Christi \$2.358642 per 1000 g</u>	<u>Handling Charge @ \$0.50/1000g</u>	<u>Incremental Increase @ \$0.50/1000g</u>	<u>Out of District Surcharge and Pass-Thru Credit</u>	<u>Total Due</u>
Kingsville	14,417	\$34,004.54	\$7,208.50	\$0.00	\$0.00	\$41,213.04
Bishop	4,342	\$10,241.22	\$2,171.00	\$0.00	\$0.00	\$12,412.22
Agua Dulce	2,222	\$5,241.34	\$1,111.09	\$0.00	\$0.00	\$6,352.43
RWSC	10,320	\$24,341.19	\$5,160.00	\$0.00	\$0.00	\$29,501.19
Driscoll	2,631	\$6,205.59	\$1,315.50	\$0.00	\$0.00	\$7,521.09
NCWCID #5	1,387	\$3,270.85	\$693.38	\$693.38	\$1,071.99	\$5,729.59
NWSC	11,997	\$28,295.61	\$5,998.29	\$0.00	\$0.00	\$34,293.90
TOTAL	47,316	\$111,600.34	\$23,657.75	\$693.38	\$1,071.99	\$137,023.46

Water Cost and Usage for Period of:

	11/30/23	01/02/24
City of Corpus Christi Invoice for Cost of Water Purchased:		\$123,121.11
Gallons of Water Recorded by City of Corpus Christi:		52,200,000
Gallons of Water Recorded by STWA from Customer's Master Meters:		47,315,506
Water Loss Percentage:		9.36%

Annual Usage for FY 2024

	Annual
Gallons of Water Recorded by City of Corpus Christi:	142,850,000
Gallons of Water Recorded by STWA from Customer's Master Meters:	134,559,207
Water Loss Percentage: (year to date)	5.80%

**REVENUE FUND
INCOME STATEMENT
FOR PERIOD ENDING DECEMBER 31, 2023**

25.00%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Water Service Revenue	111,600	319,402	1,489,786	21%	282,644	1,377,118
Handling Charge Revenue	23,658	68,225	277,916	25%	66,270	298,250
Premium Incremental Increase	693	2,126	10,800	20%	2,570	10,900
Surcharge - Out of District	884	2,653	10,500	25%	2,493	9,972
Interest Income	19,648	58,582	220,000	27%	37,914	215,200
Interest - Note	0	0	175	0%	2,218	3,750
Other Revenue						
Operating & Maintenance Fees	737	(2,760)	12,500	-22%	2,086	10,700
Miscellaneous Revenues	4,139	5,868	12,000	49%	2,817	46,500
Industry Revenues	0	0	0	0%	0	625,710
TOTAL REVENUES	161,360	454,095	2,033,677	22%	399,012	2,598,100
EXPENDITURES						
Water Service Expenditures:						
Bulk Water Purchases	123,121	334,455	1,489,786	22%	275,301	1,377,118
Payroll Costs						
Salaries & Wages - Perm. Employees	12,426	87,834	406,135	22%	70,824	350,000
Salaries & Wages - Vacation Buyback	0	5,885	4,368	135%	5,113	0
Overtime - NWSC	0	702	0	0%	0	0
Stand-by Pay - NWSC	0	50	0	0%	0	0
Overtime - RWSC	0	2,732	0	0%	0	0
Stand-by Pay - RWSC	0	50	0	0%	0	0
Overtime - STWA	1,426	5,577	15,000	37%	9,959	30,000
Stand-by Pay - STWA	100	350	1,300	27%	350	1,425
Employee Retirement Premiums	6,304	18,695	68,713	27%	97	60,026
Group Insurance Premium	14,638	46,273	243,522	19%	38,962	192,699
Unemployment Compensation	(25)	(25)	70	-36%	1	165
Workers' Compensation	(666)	15,353	6,436	239%	14,557	11,800
Hospital Insurance Tax	164	1,714	6,029	28%	1,420	5,520
Supplies & Materials						
Repairs & Maintenance	6,683	22,809	150,000	15%	12,888	133,500
Meter Expense	0	0	5,000	0%	0	6,500
Tank Repairs	0	0	30,000	0%	0	10,000
Major Repairs	0	0	25,000	0%	0	25,000
Other Operating Expenditures:						
Professional Fees						
Legal	0	897	40,000	2%	1,920	25,000
Auditing	8,100	8,875	10,500	85%	9,500	10,500
Engineering	0	0	50,000	0%	0	12,500
Management & Consulting	7,400	18,663	25,000	75%	0	7,500
JMAE Management Consulting LLC	5,833	17,500	70,000	25%	17,499	70,000
Inspection	0	0	7,500	0%	0	6,000

			2024	% OF 2024	2023	2023
Consum Supplies/Materials						
Postage	(45)	(166)	8,500	-2%	1,912	4,560
Printing/Office Supplies	2,518	8,362	37,500	22%	6,660	37,500
Janitorial/Site Maintenance	925	2,782	19,000	15%	3,164	18,500
Fuel/Lubricants/Repairs	2,381	8,856	85,000	10%	14,502	80,000
Chemicals/Water Samples	385	8,514	60,000	14%	13,030	59,750
Safety Equipment	58	162	2,000	8%	702	1,750
Small Tools	141	959	3,000	32%	0	4,000
Recurring Operating Costs						
Telephone/Communications	2,537	7,034	40,000	18%	8,656	35,500
Utilities	7,823	23,942	122,500	20%	21,192	115,000
D & O Liability Insurance	0	1,705	3,500	49%	1,705	3,500
Property Insurance	0	52,133	48,000	109%	44,647	45,000
General Liability	0	2,046	5,500	37%	1,820	3,000
Auto Insurance	0	3,770	3,100	122%	2,866	3,000
Travel/Training/Meetings-Staff	140	1,058	15,000	7%	1,410	22,500
Travel/Training/Meetings-Board of Dir.	442	876	10,000	9%	1,397	0
Travel/Training/Meetings-Legislation	0	0	0	0%	0	0
Rental-Equipment/Uniforms	2,861	6,861	6,000	114%	1,108	20,500
Dues/Subscriptions/Publication	1,401	5,568	17,500	32%	2,690	18,500
Pass Through Cost	0	0	400	0%	176	400
Miscellaneous						
Miscellaneous Expenditures	1,681	2,662	15,000	18%	3,769	15,000
Total Administrative & Operations Exp.	208,754	725,510	3,155,859	23%	589,797	2,823,213
Capital Outlay						
Capital Acquisition	15,728	19,227	230,500	8%	0	1,080,226
Engineering	0	0	50,000	0%	0	81,372
TOTAL EXPENDITURES (w/o D.S. exp.)	224,481	744,736	3,436,359	22%	589,797	3,984,811
Excess (Deficiencies) of						
Revenue Over Expenditures	(63,122)	(290,641)	(1,402,682)	21%	(190,785)	(1,386,711)
OTHER FINANCE SOURCE (USES)						
Transfer to Other Funds						
Transfer from Tax Account	0	0	(1,650,724)	0%	0	(1,620,400)
Extra Ordinary Income						
Disposition of Assets (Surplus Sale)	0	0	(1,500)	0%	0	0
TOTAL OTHER FINANCING SOURCES (USES)	0	0	(1,652,224)	0%	0	(1,620,400)
EXCESS (DEFICIENCIES) OF REVENUES OVER OTHER SOURCES (USES)						
	(63,122)	(290,641)	249,542		(190,785)	233,689
NET INCOME	(63,122)	(290,641)	249,542		(190,785)	233,689

**TAX FUND
INCOME STATEMENT
FOR PERIOD ENDING DECEMBER 31, 2023**

25.00%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	223,270	440,600	1,659,615	27%	582,861	1,685,710
Delinquent Tax Revenue	2,104	8,176	37,000	22%	10,203	39,177
Penalty & Interest - Tax Accounts	882	4,269	26,000	16%	4,175	28,866
Miscellaneous	-9	(21)	0	0%	-55	0
TOTAL TAXES & INTEREST	226,246	453,023	1,722,615	26%	597,184	1,753,753
EXPENDITURES						
Tax Collector Fees	26,835	29,776	60,627	49%	48,711	60,200
Appraisal Districts	7,342	7,342	11,264	65%	8,185	29,950
TOTAL EXPENDITURES	34,177	37,119	71,891	52%	56,896	90,150
 Transfer to General Fund	 0	 0	 1,650,724	 0%	 0	 1,620,400
 EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES	 192,069	 415,905	 0		 540,288	 43,203

**SPECIAL SERVICES
INCOME STATEMENT
FOR PERIOD ENDING DECEMBER 31, 2023**

25.00%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ricardo Water Supply Corporation	25,932	84,466	463,829	18%	81,445	352,349
Nueces Water Supply Corporation	30,052	88,676	457,150	19%	87,749	380,461
TOTAL REVENUES	55,984	173,142	920,979	19%	169,194	732,810
EXPENDITURES						
Personnel	43,695	110,169	460,842	24%	110,736	430,850
Administrator	2,500	7,500	30,000	25%	7,500	30,000
Overhead	28,959	84,944	408,138	21%	80,397	392,226
TOTAL EXPENDITURES *	75,154	202,613	898,980	23%	198,633	853,076
EXCESS REVENUES & OTHER FINANCING SOURCES OVER(UNDER) EXPENDITURES AND OTHER USES	(19,170)	(29,471)	21,999		(29,439)	(120,266)

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SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 12 / 23

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101 Water

Assets

Current Assets

STWA - Operations	68,310.68	
STWA - General	175,211.74	
STWA - Payroll	37,434.07	
Petty Cash	150.00	
TexPool	4,394,343.51	
Tax Accounts Receivable	195,916.75	
Allowance for Uncollect Taxes	(88,575.35)	
Interlocal Rec - Tax Assessor	57,050.11	
Agua Dulce-Water	12,752.19	
Bishop - Water	22,994.44	
Driscoll - Water	14,467.91	
Kingsville - Water	74,422.30	
NCWCID 5 - Water	29,418.23	
Ricardo WSC - Water	29,501.18	
Nueces WSC - Water	70,474.17	
Ricardo WSC - General & Admin	18,828.91	
Nueces WSC - General & Admin	36,638.27	
Interlocal Rec-Bishop	(0.03)	
Interlocal Rec-Driscoll	1,393.26	
Interlocal Rec-Ricardo	14,881.10	
RWSC-Credit Card	636.13	
Interlocal Rec-Nueces	23,257.44	
NWSC Credit Card	189.27	
Due From Capital Projects Fund	829.04	
Due from Debt Service Fund	1,620.86	
Due from D.S .-Collect Service	6,698.01	
Prepaid Expenses	21,061.56	
Inventory	41,746.65	

Total Current Assets		5,261,652.40

Other Assets

Notes Receivable-Not Current	1,395.30	

Total Other Assets		1,395.30

Total Assets		5,263,047.70

04/19/24
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SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 12 / 23

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101 Water

Liabilities and Equity

Current Liabilities

Trade Accounts Payable	148,141.38	
Conversion Trade Accounts Payable	333.16	
Salaries & Wages Payable	5,098.08	
Federal WH Taxes Payable	231.79	
Medicare Payable	665.32	
Unemployment Ins Payable	11,781.42	
Emply Loan WH Payble	(675.44)	
Emply Insurance WH Payble	(8,744.35)	
Emply AFLAC Ins WH Payble	616.50	
Emply Nationwide WH Payble	200.00	
Emply Advance WH Payble	(539.46)	
Emply Other WH Payble	5,589.47	
Miscellaneous Payables	15,242.32	
Compensated Absences	14,605.08	
Deferred Tax Revenue	107,341.40	

Total Current Liabilities		299,886.67

Other Liabilities

Due to Debt Service Fund	737.26	
Due to Capital Projects Fund	0.02	

Total Other Liabilities		737.28

Total Liabilities

300,623.95

Equity

Retained Earnings	4,821,966.67	
Assigned Fund Bal. - Inventory	41,746.65	
CURRENT YEAR INCOME/(LOSS)	98,710.43	

Total Equity		4,962,423.75

Total Liabilities & Equity

5,263,047.70

SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 12 / 23

101 Water

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
10100 STWA - Operations	39,162.81	60,037.58	30,889.71	29,147.87	68,310.68
10200 STWA - General	391,097.74	136,428.39	352,314.39	(215,886.00)	175,211.74
10400 STWA - Payroll	36,544.24	63,037.35	62,147.52	889.83	37,434.07
10800 Petty Cash	150.00	0.00	0.00	0.00	150.00
11300 TexPool	4,195,438.00	198,905.51	0.00	198,905.51	4,394,343.51
12100 Tax Accounts Receivable	195,916.75	0.00	0.00	0.00	195,916.75
12101 Allowance for Uncollect Taxes (	88,575.35)	0.00	0.00	0.00	(88,575.35)
12120 Interlocal Rec - Tax Assessor	10,180.13	57,049.92	10,179.94	46,869.98	57,050.11
12201 Agua Dulce-Water	12,632.42	6,352.43	6,232.66	119.77	12,752.19
12202 Bishop - Water	23,970.79	12,412.22	13,388.57	(976.35)	22,994.44
12203 Driscoll - Water	21,751.36	7,521.09	14,804.54	(7,283.45)	14,467.91
12204 Kingsville - Water	75,680.10	41,213.04	42,470.84	(1,257.80)	74,422.30
12205 NCWCID 5 - Water	23,688.64	5,729.59	0.00	5,729.59	29,418.23
12206 Ricardo WSC - Water	24,594.81	29,501.19	24,594.82	4,906.37	29,501.18
12207 Nueces WSC - Water	36,180.27	34,293.90	0.00	34,293.90	70,474.17
12208 Ricardo WSC - General & Admin	18,510.92	18,828.91	18,510.92	317.99	18,828.91
12209 Nueces WSC - General & Admin	18,329.65	18,308.62	0.00	18,308.62	36,638.27
12500 Interlocal Rec-Bishop	407.34	0.00	407.37	(407.37)	(0.03)
12700 Interlocal Rec-Driscoll	2,122.04	737.47	1,466.25	(728.78)	1,393.26
12900 Interlocal Rec-Ricardo	7,778.49	7,102.61	0.00	7,102.61	14,881.10
12901 RWSC-Credit Card	0.00	636.13	0.00	636.13	636.13
13000 Interlocal Rec-Nueces	11,513.67	11,743.77	0.00	11,743.77	23,257.44
13001 NWSC Credit Card (	116.44)	348.69	42.98	305.71	189.27
13510 Due From Capital Projects Fund	829.04	0.00	0.00	0.00	829.04
13520 Due from Debt Service Fund	1,619.07	1.79	0.00	1.79	1,620.86
13530 Due from D.S.-Collect Service	0.00	6,698.01	0.00	6,698.01	6,698.01
14200 Prepaid Expenses	33,326.28	20,441.20	32,705.92	(12,264.72)	21,061.56
15500 Inventory	41,746.65	0.00	0.00	0.00	41,746.65
18910 Notes Receivable-Not Current	11,668.00	0.00	10,272.70	(10,272.70)	1,395.30
Total ASSETS	5,146,147.42	737,329.41	620,429.13	116,900.28	5,263,047.70
LIABILITIES AND FUND EQUITY					
20300 Trade Accounts Payable	144,910.84	242,762.90	245,993.44	3,230.54	148,141.38
20310 Conversion Trade Accounts Paya	333.16	0.00	0.00	0.00	333.16
20400 Salaries & Wages Payable	2,549.04	2,549.04	5,098.08	2,549.04	5,098.08
21051 Federal WH Taxes Payable	231.79	0.00	0.00	0.00	231.79
21052 Medicare Payable	665.32	0.00	0.00	0.00	665.32
21062 Unemployment Ins Payable	11,781.42	0.00	0.00	0.00	11,781.42
21063 Emphy loan WH Payble (	675.44)	0.00	0.00	0.00	(675.44)
21064 Emphy Insurance WH Payble (	8,293.20)	451.15	0.00	(451.15)	(8,744.35)
21065 Emphy AFLAC Ins WH Payble (	50.53)	1,422.08	2,089.11	667.03	616.50
21067 Emphy Nationwide WH Payble	200.00	0.00	0.00	0.00	200.00

04/19/24
15:42:38

SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 12 / 23

Page: 2 of 2
Report ID: L120

101 Water

Account	Beginning	Debit	Credit	Net Change	Ending Balance
21068 Empl Advance WH Payble (	539.46)	0.00	0.00	0.00	(539.46)
21069 Empl Other WH Payble	5,589.47	0.00	0.00	0.00	5,589.47
21100 Miscellaneous Payables	14,302.90	0.00	939.42	939.42	15,242.32
21500 Compensated Absences	14,605.08	0.00	0.00	0.00	14,605.08
21700 Deferred Tax Revenue	107,341.40	0.00	0.00	0.00	107,341.40
24100 Due to Debt Service Fund	549.44	0.00	187.82	187.82	737.26
24200 Due to Capital Projects Fund	0.02	0.00	0.00	0.00	0.02
28400 Retained Earnings	4,821,966.67	0.00	0.00	0.00	4,821,966.67
28410 Assigned Fund Bal. - Inventory	41,746.65	0.00	0.00	0.00	41,746.65
28999 Net Income Current Year (	11,067.15)	343,256.40	453,033.98	109,777.58	98,710.43
Total LIABILITIES AND FUND EQUITY	5,146,147.42	590,441.57	707,341.85	116,900.28	5,263,047.70

**DEBT SERVICE FUND
INCOME STATEMENT
FOR PERIOD ENDING DECEMBER 31, 2023**

25.00%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Ad-Valorem - Current	47,428	93,585	369,941	25%	121,922	353,225
Delinquent Tax Revenue	471	1,852	9,000	21%	2,408	9,450
Penalty & Interest - Tax Accounts	201	922	5,000	18%	961	6,485
Out-of-District Surcharge	188	563	1,370	41%	521	2,086
Interest on Temporary Investments	804	1,958	9,000	22%	1,434	14,310
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>-10</u>	<u>-10</u>
TOTAL TAXES & INTEREST	49,091	98,881	394,311	25%	127,236	385,546
OTHER FINANCING SOURCES						
Excess Bond Proceeds	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL OTHER FINANCE SOURCES	0	0	0		0	0
TOTAL REVENUE AND OTHER FINANCE SOURCES	49,091	98,881	394,311	25%	127,236	385,546
EXPENDITURES						
Fiscal Agent Fees	0	0	200	0%	0	200
Bond Interest Expense	0	0	94,000	0%	0	101,350
Bond Principal Payments	0	0	255,000	0%	0	245,000
Tax Collector Fees	5,138	5,138	14,927	34%	10,188	12,500
Appraisal District Fees	1,560	1,560	6,014	26%	0	5,750
Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL EXPENDITURES	6,698	6,698	370,141	2%	10,188	364,800
EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES						
	42,393	92,183	24,170		117,048	20,746

04/19/24
14:39:21

SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 12 / 23

Page: 1 of 1
Report ID: L150

310 Debt Service

Assets

Current Assets

TexPool	196,723.89
Tax Accounts Receivable	58,238.39
Allowance for Uncollect Taxes	(11,370.61)
Interlocal Rec - Tax Assessor	12,130.18
Due from General Fund	737.26

Total Current Assets 256,459.11

Total Assets 256,459.11

Liabilities and Equity

Current Liabilities

Deferred Tax Revenue	46,867.78
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Total Current Liabilities 46,867.78

Other Liabilities

Due to General Fund	8,318.87
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Total Other Liabilities 8,318.87

Total Liabilities 55,186.65

Equity

Fund Balance	109,090.09
CURRENT YEAR INCOME/(LOSS)	92,182.37

Total Equity 201,272.46

Total Liabilities & Equity 256,459.11

04/19/24
14:38:39

SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 12 / 23

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Report ID: L120

310 Debt Service

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
11300 TexPool	157,779.08	38,944.81	0.00	38,944.81	196,723.89
12100 Tax Accounts Receivable	58,238.39	0.00	0.00	0.00	58,238.39
12101 Allowance for Uncollect Taxes (	11,370.61)	0.00	0.00	0.00	(11,370.61)
12120 Interlocal Rec - Tax Assessor	2,169.80	12,130.18	2,169.80	9,960.38	12,130.18
13511 Due from General Fund	549.44	187.82	0.00	187.82	737.26
Total ASSETS	207,366.10	51,262.81	2,169.80	49,093.01	256,459.11
LIABILITIES AND FUND EQUITY					
21700 Deferred Tax Revenue	46,867.78	0.00	0.00	0.00	46,867.78
24300 Due to General Fund	1,619.07	0.00	6,699.80	6,699.80	8,318.87
28300 Fund Balance	109,090.09	0.00	0.00	0.00	109,090.09
28999 Net Income Current Year	49,789.16	6,699.80	49,093.01	42,393.21	92,182.37
Total LIABILITIES AND FUND EQUITY	207,366.10	6,699.80	55,792.81	49,093.01	256,459.11

**CAPITAL PROJECTS FUND
INCOME STATEMENT
FOR PERIOD ENDING DECEMBER 31, 2023**

25.00%

	MONTHLY	YEAR TO DATE	2024 ADOPTED BUDGET	% OF 2024 ADOPTED BUDGET	2023 YEAR TO DATE	2023 FINAL BUDGET
REVENUES						
Bond Proceeds	0	0	0	0%	0	0
Interest Income	1,279	3,772	9,500	40%	3,436	17,000
Other Income	0	0	0	0%	0	0
TOTAL REVENUE AND OTHER FINANCE SOURCES	1,279	3,772	9,500	40%	3,436	17,000
 EXPENDITURES						
Right of Way Acquisition	0	0	0	0%	0	0
Engineering Fees	0	0	0	0%	0	0
Construction Costs	0	0	0	0%	0	0
42" Line-Cathodic Protection	0	0	269,855	0%	16,906	50,000
Pipeline Condition Assessment	0	0	0	0%	0	0
Legal & Administrative Fees	0	0	0	0%	0	0
Cost of Bond Issuance	0	0	0	0%	0	0
Miscellaneous Fees	<u>0</u>	<u>0</u>	<u>0</u>	0%	<u>0</u>	<u>0</u>
TOTAL EXPENDITURES	0	0	269,855	0%	16,906	50,000
 EXCESS REVENUES OVER(UNDER) EXPENDITURES AND OTHER USES						
	1,279	3,772	(260,355)		(13,470)	(33,000)

04/19/24
14:42:24

SOUTH TEXAS WATER AUTHORITY
Balance Sheet
For the Accounting Period: 12 / 23

Page: 1 of 1
Report ID: L150

410 Capital Projects

Assets

Current Assets
TexStar

283,318.03

Total Current Assets

283,318.03

Total Assets

283,318.03

Liabilities and Equity

Other Liabilities
Due to General Fund

829.04

Total Other Liabilities

829.04

Total Liabilities

829.04

Equity

Fund Balance
CURRENT YEAR INCOME/(LOSS)

278,716.51

3,772.48

Total Equity

282,488.99

Total Liabilities & Equity

283,318.03

04/19/24
14:41:47

SOUTH TEXAS WATER AUTHORITY
Trial Balance
For the Accounting Period: 12 / 23

Page: 1 of 1
Report ID: L120

410 Capital Projects

Account	Beginning	Debit	Credit	Net Change	Ending Balance
ASSETS					
11400 TexStar	282,039.41	1,278.62	0.00	1,278.62	283,318.03
Total ASSETS	282,039.41	1,278.62	0.00	1,278.62	283,318.03
LIABILITIES AND FUND EQUITY					
24300 Due to General Fund	829.04	0.00	0.00	0.00	829.04
28300 Fund Balance	278,716.51	0.00	0.00	0.00	278,716.51
28999 Net Income Current Year	2,493.86	0.00	1,278.62	1,278.62	3,772.48
Total LIABILITIES AND FUND EQUITY	282,039.41	0.00	1,278.62	1,278.62	283,318.03



INVOICE

Bill To:
 South Texas Water Authority (STWA)
 2302 E. Sage Rd
 Kingsville TX 78363

DATE:
 March 21, 2024
 INVOICE # 23124.003

Attention: Mr. John Marez, Executive Director

PROJECT: 42-inch Transmission Line Tap and Service Line - Construction

DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	PREVIOUSLY INVOICED	CURRENT AMOUNT DUE	REMAINING BALANCE
CONSTRUCTION					
Superintendent	\$ 15,091.20	50.00%	\$ 7,545.60	\$ -	\$ 7,545.60
Superintendent Truck	\$ 4,800.00	50.00%	\$ 2,400.00	\$ -	\$ 2,400.00
Senior Field Engineer	\$ 5,840.00	50.00%	\$ 2,920.00	\$ -	\$ 2,920.00
Senior Field Engineer Truck	\$ 1,200.00	50.00%	\$ 600.00	\$ -	\$ 600.00
Health & Safety Officer	\$ 15,091.20	50.00%	\$ 7,545.60	\$ -	\$ 7,545.60
Health & Safety Officer Truck	\$ 4,800.00	50.00%	\$ 2,400.00	\$ -	\$ 2,400.00
Admin/Clerical	\$ 2,080.00	50.00%	\$ 1,040.00	\$ -	\$ 1,040.00
Furnish and Install 42" Tap Line	\$ 130,640.21	100.00%	\$ 130,640.21	\$ -	\$ -
Furnish and Install 8" Dip	\$ 4,852.80	100.00%	\$ 4,852.80	\$ -	\$ -
Furnish and Install 12" Dip	\$ 4,742.70	100.00%	\$ 4,742.70	\$ -	\$ -
Furnish and Install 12" 45 Degree Bend	\$ 2,713.66	100.00%	\$ 2,713.66	\$ -	\$ -
Furnish and Install 8" 45 Degree Bend	\$ 1,600.18	100.00%	\$ 1,600.18	\$ -	\$ -
Furnish and Install 12"x8" Reducer	\$ 1,142.62	100.00%	\$ 1,142.62	\$ -	\$ -
Furnish and Install 16"x12" Reducer	\$ 1,903.74	100.00%	\$ 1,903.74	\$ -	\$ -
Furnish and Install 16" Gate Valve	\$ 19,909.51	100.00%	\$ 19,909.51	\$ -	\$ -
Furnish and Install 12" Gate Valve	\$ 15,008.20	100.00%	\$ 15,008.20	\$ -	\$ -
Install 8" Meter	\$ 891.32	100.00%	\$ 891.32	\$ -	\$ -
Furnish and Install 8" Flanged Backflow Preventer	\$ 29,959.39	100.00%	\$ 29,959.39	\$ -	\$ -
Furnish and Install 8" Cap with Blowoff Assembly	\$ 998.89	100.00%	\$ 998.89	\$ -	\$ -
Trench Safety	\$ 4,940.00	100.00%	\$ 4,940.00	\$ -	\$ -
Trench Safety Extra Depth	\$ 5,060.25	100.00%	\$ 5,060.25	\$ -	\$ -
Furnish and Install Stabilized Cement Sand	\$ 23,634.40	100.00%	\$ 23,634.40	\$ -	\$ -
Furnish and Install Construction Entrance/Exit	\$ 3,835.00	100.00%	\$ 3,835.00	\$ -	\$ -
Furnish and Install 8" Concrete Pad	\$ 17,998.90	100.00%	\$ 17,998.90	\$ -	\$ -
Preconstruction Exploratory/Utility Location	\$ 8,925.00	100.00%	\$ 8,925.00	\$ -	\$ -
8" Bypass with 8" Gate Valve	\$ 7,402.95	100.00%	\$ 7,402.95	\$ -	\$ -
8" Gate Valve	\$ 2,143.95	100.00%	\$ 2,143.95	\$ -	\$ -
Subcontractor Bonds and Insurance	\$ 4,348.34	100.00%	\$ 4,348.34	\$ -	\$ -
Mobilization (Tap)	\$ 14,632.50	100.00%	\$ 14,632.50	\$ -	\$ -
Mobilization (All Weather Road)	\$ 15,000.00	0.00%	\$ -	\$ -	\$ 15,000.00
Clearing and Grubbing	\$ 6,000.00	0.00%	\$ -	\$ -	\$ 6,000.00
Silt Fencing	\$ 15,000.00	0.00%	\$ -	\$ -	\$ 15,000.00
Construction Entrance	\$ 5,000.00	0.00%	\$ -	\$ -	\$ 5,000.00
Base Materials for All Weather Road	\$ 37,500.00	0.00%	\$ -	\$ -	\$ 37,500.00
Vehicle Gate	\$ 10,000.00	0.00%	\$ -	\$ -	\$ 10,000.00
Security Fencing - Chain Link Fence	\$ 15,000.00	0.00%	\$ -	\$ -	\$ 15,000.00
8" Honeywell Water Meter	\$ 12,055.11	100.00%	\$ 12,055.11	\$ -	\$ -
Skeedo Can Rental	\$ 430.00	50.00%	\$ 215.00	\$ -	\$ 215.00
Geotech-Material Testing	\$ 6,000.00	0.00%	\$ -	\$ -	\$ 6,000.00
ADDITIONAL SERVICES					
10% Subcontractor Markup	\$ 30,728.25	93.82%	\$ 28,828.47	\$ 0.00	\$ 1,899.78
Payment and Performance Bond	\$ 15,035.36	100.00%	\$ 15,035.36	\$ -	\$ -
Contingency 10% of Construction	\$ 50,869.83		\$ -	\$ -	\$ 50,869.83
Additional Engineering & Design Services				\$ 50,331.33	
TOTAL	\$ 574,823.46		\$ 363,416.45	\$ 50,331.33	\$ 136,624.48

Please remit to:
 International Consulting Engineers
 261 Saratoga Blvd
 Corpus Christi, TX 78417

ATTACHMENT 3

Field Reports

To: STWA

From: Hector Barbosa NACE Corrosion Technologist # 186086

Date: April 19, 2024

Re: CP Department

The week of 3-11-24 through 3-15-2024 DEEP WELL #1 at Co. Rd. 4 was installed and energized.

Set rectifier at 4 volts and 20 amps. Checked polarization on 42" line and it was up by 400 mv.

As a reminder of our ongoing work to thoroughly protect the 42" line, the ARV valves need to be addressed as soon as possible to reduce cp current accumulation at ARV sites. Because ARV 's are constantly under water and high humidity, atmospheric corrosion is quickly attacking metal valves. I have researched and found a special coating product that will seal metal from water and humidity conditions. This coating will protect as well as extend the life of ARV's and CP current and the integrity of our 42" main line

During the week of 3-26 24 to 3-28-24, DEEP WELL #4 at Co. Rd. 36 was installed. We are still waiting on NEC to install power to energize.

The CP department has been helping out with one calls and identifying valves and lines for mapping system.

We are presently working on AEP to install power at the Tesla location. if possible, we will install DEEP WELL and wait on AEP. I will be pushing AEP as well as NEC power. Project is coming along well.

Thank You Hector Barbosa

ATTACHMENT 4

Alternative Water Sources

Memo

To: South Texas Water Authority Board of Directors
From: John Marez, Exec Dir/Admin
Date: April 19, 2024
Topic: Alternate Water Source Options

Background:

The issue of studying and implementing alternate water sources for the STWA has been a commitment from both our Management Team and board. During our meeting on January 23, 2024, the board instructed staff to research regional water supplies and prospective water sources to explore future water availability to the Authority and its wholesale customers. Consequently, during our February and March board meetings various interest with water capacity have made presentations to the board for their review of what is available as water sources in our area. After collaborating with our management team, ICE Engineers and the Water Finance Exchange, over a period of months now have researched water sources and can offer the board general sources to explore through a proposal/bid process.

Analysis:

Surface Water

Corpus Christi's surface water option faces drought vulnerability, prompting exploration of additional sources to meet STWA and regional wholesale demand. This has the likelihood of increased water rates but being part of a larger regional system could have the potential to reduce cost based on wholesale water systems.

Groundwater

Untapped groundwater offers the potential of a lower cost per 1,000 gallons due to availability in our region and could allow for STWA to take ownership. The potential for initial or long-term finances, but requires a sizeable cost for a transmission line could increase the cost for all users.

Seawater/Brackish:

Saline water treatment is a growing trend for water usage throughout the world, however, perception challenges depend on by-product disposal location and the cost sharing between residents and large water volume users.

Water Reclamation:

Stormwater, wastewater or captured potable water is emerging in some arid parts of the US and internationally. Overcoming the stigma of the quality of potable water that is treated remains a large barrier for communities to overcome.

Other Emerging Water Options:

Additional water options are becoming available in our region and will continue to be assessed by our team as we seek other alternatives to secure cheaper, more available or proprietary water sources.

Staff Recommendation:

Provide staff guidance on formal water source proposals.

Board Action:

Review water options and make a formal motion for future STWA water sources.

Summary:

Securing the right water source is a complex task, involving extensive screening and research by STWA Management and team of Subject Matter Experts of engineers and financial advisors. The board has the exclusive role in the decision-making process. Your insight regarding support, questions, concerns, or input on the available water sources in our region is essential to offer you future water options to select.

Background information will be provided to you separately.

ATTACHMENT 5

Pump Purchase – Central PS

Memo

To: South Texas Water Authority Board of Directors
From: Jo Ella Wagner – Assistant Executive Director/Finance Manager
Date: April 19, 2024
Re: Replacement pump at Central Pump Station

Background:

Over the last several months the Field Crew has been having difficulties keep pressures up at the Pump Stations that are fed from Central Pump Stations. Two pumps are used to feed water through the spur line to provide water to the northern parts of the STWA district. However, one of the pumps has been out of service for several months causing low pressure in Agua Dulce when Banquete and Sablatura Park are taking water.

Analysis:

Patrick Sendejo, O & M Manager, has been sending Field Techs out, sometimes late at night, to attempt to get more pressure to the Agua Dulce area. He has met with several vendors to get a replacement motor and other parts needed to repair the pump. Unfortunately, this pump is an original pump when the system was put into service approximately 40 years ago. The replacement parts are no longer being made but could possibly be custom made and then there is no guarantee that the pump would work. Smith Pump Company met with Patrick and provided STWA with a bid for a new pump at a cost of approximately \$34,500.

Staff Recommendation:

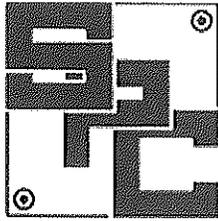
A new pump is desperately needed to feed the Authorities northern communities. Authorize staff to purchase a new pump from Smith Pump Company.

Board Action:

Determine whether to authorize staff to purchase a new pump from Smith Pump Company or seek additional bids.

Summarization:

The Authority's infrastructure is aging and finding replacement parts is becoming more and more difficult for staff to find. The pumps at Central Pump Station are original pumps and in need of replacing. Budgeting to replace one or two pumps each year might need to be addressed.



Smith Pump Company, Inc.

301 MB Industrial Blvd
Waco, TX 76712 US

Phone: 800-299-8909
Fax: 254-776-0023
www.smithpump.com

Quote No: 38422

Friday, March 29, 2024
Page: 1

Prepared For:

South Texas Water Authority

2302 E Sage Rd
Kingsville, TX 78363
Phone: (361) 592-9323

Shipping:

South Texas Water Authority

2302 E Sage Rd
Kingsville, TX 78363

Shipping Method

Bestway

Freight Terms

FOB Destination

Payment Terms

Check Out Terms

Salesperson:

TXSE - Ian Bell

Thank you for the opportunity to present our quotation for your upcoming project. Please give us a call if you require additional information.

Sincerely,

Andrew Kim

andrewk@smithpump.com

Line: 1

Part ID: 0900-M

Rev: 0

Pump-Flowserve Mark3 - New Motor

One (1) Flowserve Mark 3 End Suction Pump

***Note* Pump Requires 30 HP Motor**

Design Conditions

Q = 335 GPM TDH = 196' (85 psi)

P = 30 HP N = 3500 RPM

One (1) Flowserve 2K3x2-82 Mark 3 End Suction Pump

- Stainless Steel Construction for Potable Water Service

- Mechanical Seal Configuration

- 3" Suction Flange, 2" Discharge Flange on Centerline

- Woods Coupling w/ Std Spacer

Item of Delivery to Jobsite

Adder for New Baseplate and Motor

+\$3750

Lead Time: 4-5 Weeks

Items NOT Included

Off-Loading at Jobsite, Piping Modifications (If Required), Controls, Wiring, Conduit, Grout, Concrete,

Anchor Bolts, Field Service

Quantity	U/M	Unit Price	Discount	Discounted Unit Price	Discounted Unit Price (inc tax)	Line Price (inc tax)
1.00	EA	12,075.00000			12,829.68750	\$12,829.69 *

Line: 2

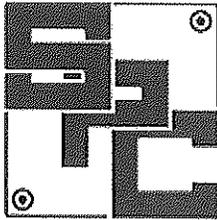
Part ID: 0900-M

Rev: 0

Pump-Flowserve Markk3 - Existing Motor

One (1) Flowserve Mark 3 End Suction Pump

Note* Will Run on Existing 25 HP Motor



Smith Pump Company, Inc.

301 MB Industrial Blvd
Waco, TX 76712 US

Phone: 800-299-8909
Fax: 254-776-0023
www.smithpump.com

Quote No: 38422

Friday, March 29, 2024

Page: 2

Design Conditions

Q = 300 GPM TDH = 175' (75 psi)
P = 25 HP N = 3500 RPM

- One (1) Flowserve 2K3x2-82 Mark 3 End Suction Pump
- Stainless Steel Construction for Potable Water Service
- Mechanical Seal Configuration
- 3" Suction Flange, 2" Discharge Flange on Centerline
- Woods Coupling w/ Std Spacer

Item of Delivery to Jobsite

Adder for New Baseplate and Shop Mounting/Coupling of Existing Motor
+\$2150

Lead Time: 4-5 Weeks

Items NOT Included

Off-Loading at Jobsite, Piping Modifications (If Required), Controls, Wiring, Conduit, Grout, Concrete, Anchor Bolts, Field Service

Quantity	U/M	Unit Price	Discount	Discounted Unit Price	Discounted Unit Price (inc tax)	Line Price (inc tax)
1.00	EA	12,075.00000			12,829.68750	\$12,829.69 *

Line: 3 PartID: 0900 Rev: 0

Pump-Goulds End Suction

Goulds 7BF Frame-Mounted End Suction Pump
Design Condition of ~330 GPM @ 175' TDH
To Reuse Existing Motor

- One (1) Goulds 7BF Bronze-Fitted End Suction Pump
- Bare Pump Only
- Mechanical Seal Configuration
- Bronze-Fitted, NSF Approved for Potable Water Applications
- 3" Suction, 2.5" TANGENTIAL Discharge

Item of Delivery to Jobsite

Lead Time: 8-10 Weeks

Items NOT Included

Off-Loading at Jobsite, Piping Modifications (If Required), Controls, Wiring, Conduit, Grout, Concrete, Anchor Bolts, Field Service

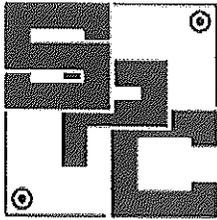
Quantity	U/M	Unit Price	Discount	Discounted Unit Price	Discounted Unit Price (inc tax)	Line Price (inc tax)
1.00	EA	4,115.00000			4,372.18750	\$4,372.19 *

Line: 4 PartID: 0900 Rev: 0

Pump-Berkeley End Suction

Goulds B2 Frame-Mounted End Suction Pump
Design Condition of ~330 GPM @ 175' TDH
To Reuse Existing Motor

- One (1) Berkeley Bronze-Fitted End Suction Pump
- Bare Pump Only



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301 MB Industrial Blvd
Waco, TX 76712 US

Phone: 800-299-8909
Fax: 254-776-0023
www.smithpump.com

Quote No: 38422

Friday, March 29, 2024

Page: 3

- Mechanical Seal Configuration
- Bronze-Fitted, NSF Approved for Potable Water Applications
- 3" Suction, 2.5" TANGENTIAL Discharge

Item of Delivery to Jobsite

Lead Time: 2-3 Weeks

Items NOT Included

Off-Loading at Jobsite, Piping Modifications (If Required), Controls, Wiring, Conduit, Grout, Concrete, Anchor Bolts, Field Service

Quantity	U/M	Unit Price	Discount	Discounted Unit Price	Discounted Unit Price (inc tax)	Line Price (inc tax)
1.00	EA	4,115.00000			4,372.18750	\$4,372.19 *

* Indicates which quantity price is included in the Total

Total:

\$34,403.75

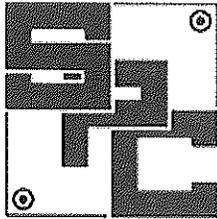
Prices are Valid Until Sunday, April 28, 2024

ACCEPTED BY: _____

PRINTED NAME: _____

PURCHASE ORDER (IF APPLICABLE): _____

SIGNED ON DATE: _____



Smith Pump Company, Inc.

301 MB Industrial Blvd
Waco, TX 76712 US

Phone: 800-299-8909
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Quote No: 38422

Friday, March 29, 2024

Page: 4

Terms and Conditions

- 1. Applicability** - These Terms and Conditions of Sale ("Terms") shall govern all sales of equipment or services to Customer. These Terms supersede any prior written or oral agreement, understanding, representation or promise and any pre-printed or standard terms and conditions contained in Customer's request for quote, purchase order, invoice, order acknowledgement or similar document. These Terms may not be amended, supplemented, changed or modified except by concurrent or subsequent written agreement signed by an authorized representative of both Smith Pump Company ("SPCO") and Customer. SPCO's acknowledgement of Customer's purchase order shall not constitute acceptance of any terms or conditions contained therein which are in any way inconsistent with the Terms. Any additional or different terms or conditions included in any acceptance of this quotation are expressly disclaimed and rejected in advance, and unless there is prior mutual agreement otherwise, shall not become a part of any contract resulting from this quotation.
- 2. Price** - Unless otherwise stated in this quotation, all prices are FOB shipping point. All transportation, insurance and similar charges incident to delivery shall be borne by the Customer. This quotation is valid for thirty (30) days only. Shipping dates are approximate and are based on prompt receipt of all necessary information. In the case of delay in furnishing complete information to SPCO, dates of shipment may be extended for a reasonable time. In the event SPCO provides transport services, these will be quoted as a lump sum price based on destination and shipping mode. In the event Customer requests a delay or suspension in the completion and/or shipment of equipment or services covered by this quotation, or any part thereof, for any reason, the parties shall agree upon any cost and/or scheduling impact of such delay and all such costs to Customer's account. Any delay period beyond thirty (30) days after original scheduled shipment date shall require Customer to (i) take title and risk of loss of any equipment covered by this quotation, and (ii) make arrangements for the storage of such equipment with SPCO or other party. SPCO's invoice, which is contractually based on shipment, shall be issued upon SPCO's readiness to ship the equipment covered by this quotation. SPCO shall not be liable for delay and delivery due to causes beyond its reasonable control including, but not limited to, acts of God, acts of government, acts of Customer, fires, labor disputes, boycotts, floods, epidemics, quarantine restrictions, war, insurrection, terrorism, riot, civil or military authority, freight embargos, transportation shortages or delays, unusually severe weather or inability to obtain necessary labor, materials or manufacturing facilities due to such causes. In the event of any such delay, the date of delivery shall be extended for a length of time equal to the period of the delay.
- 3. Warranty** - SPCO warrants new equipment or parts to be free from defects in materials and workmanship for a period of eighteen (18) months from the date of shipment or twelve (12) months from the date of startup or initial use, whichever comes first. SPCO SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR LIQUIDATED DAMAGES. NO EXPRESSED OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. Repairs performed by SPCO are warranted against defects in workmanship and/or materials for a period of twelve (12) months from the date of shipment. SPCO will not be responsible for any removal or reinstallation charges or transportation charges in cases where equipment has failed under these warranty conditions. SPCO's sole obligation and Customer's sole remedy under this warranty is repair or replacement at SPCO's election. Customer agrees to provide SPCO reasonable and clear access to any equipment covered by this warranty which may include removal of materials or structures as well as supplying any equipment, materials or structures which are necessary to provide reasonable access to the equipment being repaired or replaced. Costs to remove and/or reinstall equipment for warranty purposes shall be the responsibility of Customer. Replacement parts or repairs furnished under this warranty shall be subject to warranty provisions herein for the remaining warranty period. All equipment repaired or replaced will be re-warranted only for the remainder of the original warranty period. SPCO does not warrant the equipment covered by this quotation or any repair/replacement part against the effects of erosion, corrosion, or normal wear and tear due to operation or the environment. The warranty and remedies set forth herein are conditioned upon proper storage, installation, use and maintenance of the equipment covered by this quotation in all material respects, and in accordance with SPCO's written recommendations. Customer must notify SPCO in writing of any warranty claim during the warranty period or within thirty (30) days thereafter. SPCO will not be liable under this warranty if warranted goods have been exposed or subjected to any (1) maintenance, repair, installation, handling, packaging, transportation, storage, operation, or use which is improper or otherwise not in compliance with SPCO's instructions, (2) alteration, modification or repair by anyone other than SPCO or those specifically authorized by SPCO, (3) accident, contamination, foreign object damage, abuse, neglect, or negligence after shipment to Customer, (4) damage caused by failure of a SPCO supplied product not under warranty or by any hardware or software not supplied by SPCO, (5) use of counterfeit or replacement parts that are not manufactured by the manufacturer of goods provided by SPCO or approved by SPCO for use in goods provided by SPCO, or (6) goods which are normally consumed in operation or which have normal life inherently shorter than the warranty period including, but not limited to, consumables (e.g. lamps, batteries, storage capacitors).
- 4. Payment** - All prices are net cash to be paid thirty (30) days after date of invoice. Customer agrees to make payment within that period. Discounts will apply only as stated on the invoice. Invoices unpaid for thirty (30) days after issuance shall bear interest at the highest lawful rate due and payable on any invoiced account, which is delinquent and not paid within the stated terms. Should Customer for any reason fail to pay in accordance with these terms, Customer agrees to pay all collection costs, attorney's fees and expenses incurred in collecting payment. If Customer's financial condition is or becomes unsatisfactory to SPCO, SPCO reserves the right to (a) require payment from Customer on a cash in advance basis, (b) require a letter of credit or other acceptable security before shipment, (c) cancel shipment at any time prior to delivery without further obligation or liability on SPCO's part, (d) terminate any contract or obligation on the part of SPCO, or (e) require other special payment terms acceptable to SPCO to assure payment. All extensions of credit are subject to the approval of SPCO's credit department and management.
- 5. Joint Check Agreement** - If Customer fails to pay laborers and materialmen within thirty (30) days after payment by SPCO, SPCO will have the right to make future payments by check payable jointly to Customer and laborers or materialmen to the extent of unpaid indebtedness arising out of the job. SPCO will credit joint checks against the contract sum on the next payment application.
- 6. Taxes** - The amount of all federal, state or local taxes applicable to the sale, use, delivery or transportation of the equipment or services sold hereunder and all duties, imports, tariffs, and other similar levies shall be added to the contract price and paid by the Customer except where the Customer shall furnish an appropriate certificate of exemption.
- 7. Property Damage** - SPCO shall not be responsible for damage to topsoil or groundcover in connection with the work or service performed under this contract. SPCO shall not be responsible for claims arising from the pumping of water onto the ground which is necessary in connection with the service or work provided by SPCO. The customer agrees to hold SPCO harmless from claims arising out of damage caused by the pumping of water onto the ground.
- 8. Startup** - If the equipment supplied pursuant to this quotation has a warranty requirement, qualified SPCO personnel must be present during the initial equipment startup and commissioning. Failure to request and assure the presence of qualified SPCO personnel will void any warranty herein. Requests for startup must occur at least seven (7) days prior to the scheduled date of the startup.
- 9. Limitation of Liability** - The remedies set forth herein are exclusive and the total liability of SPCO with respect to this quotation, and any contract for goods or services arising from this quotation, or for any breach thereof, whether based on contract, warranty, torts (including negligence), indemnity, strict liability or otherwise, shall not exceed the quotation or sales price of the specific equipment or service which gives rise to the claim.
- 10. Setoff** - All amounts that Customer owes SPCO under this quotation shall be due and payable in accordance with the terms of the quotation. Customer shall not setoff such amounts or any portion thereof, whether or not liquidated, against sums which Customer asserts are due to it, its parent, affiliates, subsidiaries or other division under other transactions with SPCO.
- 11. Customer Cancellation** - Customer may cancel this order only upon written notice and payment to SPCO of reasonable and proper cancellation charges. In the event of cancellation, Customer must pay for all material, expense and labor costs incurred by SPCO in connection with the materials and services to be provided pursuant to this quotation, as well as all expenses relating to any specially fabricated materials and restocking charges.
- 12. Assignment** - Neither party may assign this order or any portion thereof without the advance, written consent of the other party, which consent shall not be unreasonably withheld.
- 13. Waiver/Severability** - Failure by SPCO to assert all or any of its rights upon any breach by Customer shall not be deemed a waiver of such rights either with respect to such breach or any subsequent breach, nor shall any waiver be implied from the acceptance of any payment. No waiver of any right shall extend to or affect any other right Customer may possess nor shall such waiver extend to any subsequent similar or dissimilar breach. If any portion of these Terms are determined to be illegal, invalid or unenforceable for any reason, such provision shall be deemed stricken for the purposes of the dispute in question and all other provisions shall remain in full force and effect.
- 14. Applicable Law** - The contract involving the sale of the equipment and services covered by this quotation shall be interpreted in accordance with the laws of the State of Texas. This contract is performable in McLennan County, Texas and venue for any court action in any way relating to or arising out of this contract shall be McLennan County, Texas.

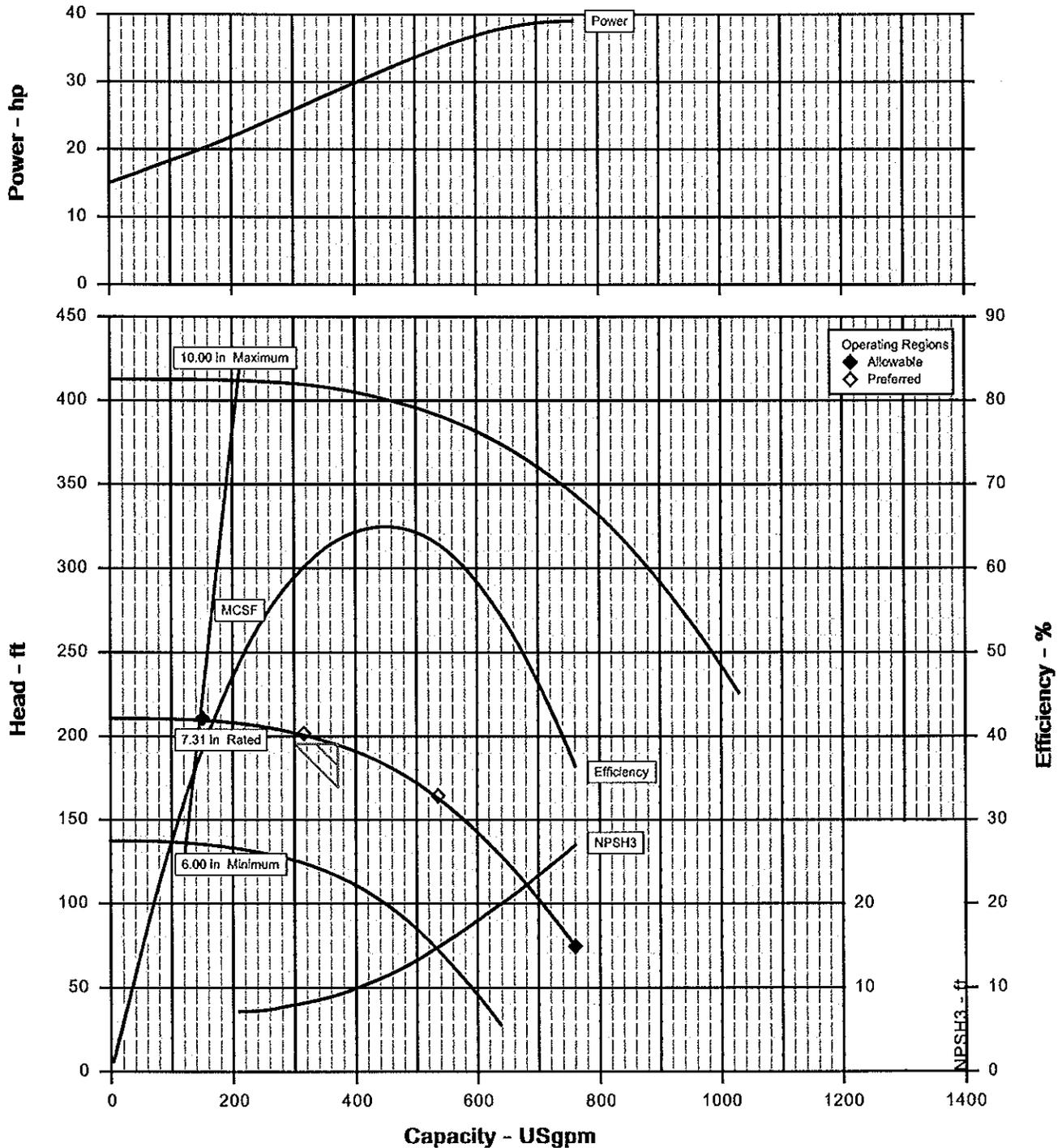


Pump size & type / Stages : 2K4x3-10RV M3 ST / 1
 Based on curve no. : MIII7900DV
 Impeller diameter : 7.31 in

Customer : -
 Item number : 2K4x3
 Service : -
 Flowserve reference : 4837410534
 Date : March 28, 2024

Capacity : 370.0 USgpm
 Head : 196.00 ft
 Density / Specific gravity : - / 1.000
 Pump speed : 3,550 rpm
 Ns / Nss (per eye) : 1,118 / 12,960 (US)
 Test tolerance : ANSI/HI 14.6 Grade 1U

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY....



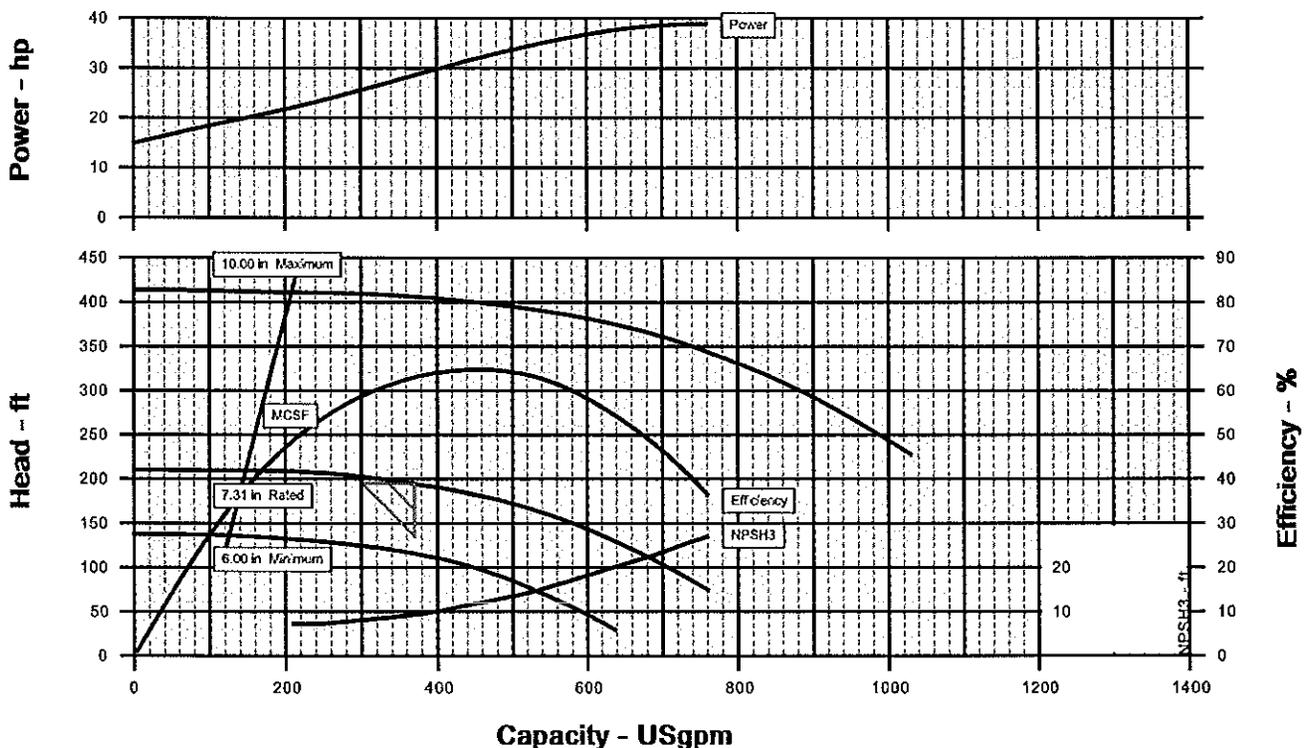
Customer	: -	Pump / Stages	: 2K4x3-10RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII7900DV
Item number	: 2K4x3	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024

Operating Conditions		Materials / Specification	
Capacity (rated/normal)	: 370.0 USGpm / -	Material column code	: D4
Water capacity (CQ=1.00)	: -	Pump specification	: ASME B73.1
Total developed head	: 196.00 ft	Other Requirements Hydraulic selection : No specification Construction : No specification Test tolerance : ANSI/HI 14.6 Grade 1U Driver Sizing : Max Power(MCSF to EOC) using SF Seal configuration : Single Seal	
Water head (CH=1.00)	: -		
NPSHa/NPSHa less margin	: 34.0 ft / -		
Maximum suction pressure	: 0.0 psig		

Liquid	
Liquid type	: Other
Liquid description	: -
Temperature	: 60 °F
Density / Specific gravity	: - / 1.000
Solid Size - Actual / Limit	: - / 0.6560 in
Viscosity / Vapor pressure	: 1.00 cSt / -

Performance			
Hydraulic power	: 18.3 hp	Impeller diameter	
Pump speed	: 3,550 rpm	Rated	: 7.31 in
Pump overall efficiency (CE=1.00)	: 64.1 %	Maximum	: 10.00 in
NPSH required (NPSH3)	: 9.3 ft	Minimum	: 6.00 in
Rated brake power	: 28.6 hp	Ns / Nss (per eye)	: 1,118 / 12,960 (US)
Maximum brake power	: 39.3 hp	Minimum continuous flow	: 150.5 USGpm
Driver power rating	: 40.0 hp / 29.8 kW	Maximum head at rated diameter	: 211.24 ft
Casing working pressure	: 91.4 psig	Flow at BEP	: 447.5 USGpm
(based on shut off @ cut dia/rated SG)		Flow as % of BEP	: 82.7 %
Maximum allowable	: 275.0 psig	Efficiency at normal flow	: -
Hydrostatic test pressure	: 413.0 psig	Impeller diameter ratio (rated/max)	: 73.1 %
Estimated rated seal chamber pressure	: 8.7 psig	Head rise to shut off	: 7.8 %
		Total head ratio (rated / max) / (max / rated)	: 48.1 % / 207.8 %

CURVES ARE APPROXIMATE. PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS: CAPACITY, HEAD, AND EFFICIENCY. MCSF PROVIDES MECHANICAL PROTECTION ONLY. MINIMUM THERMAL FLOW MUST BE CALCULATED FOR THE SPECIFIC FLUID AND OPERATING CONDITIONS.



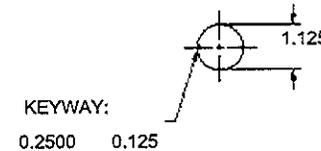
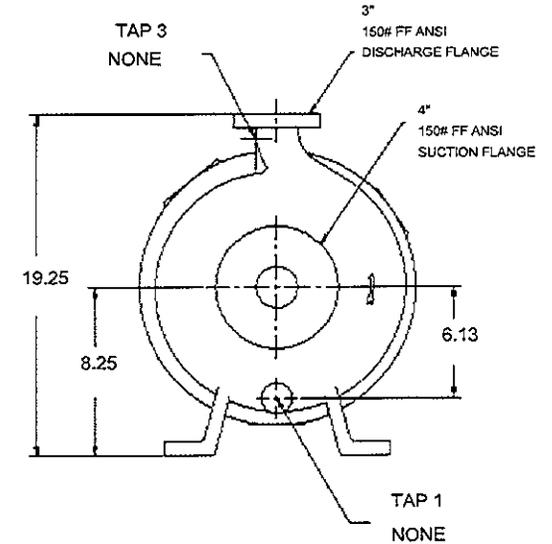
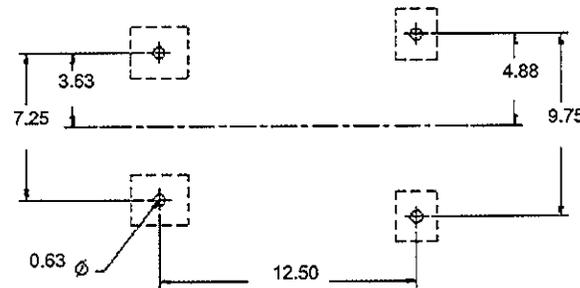
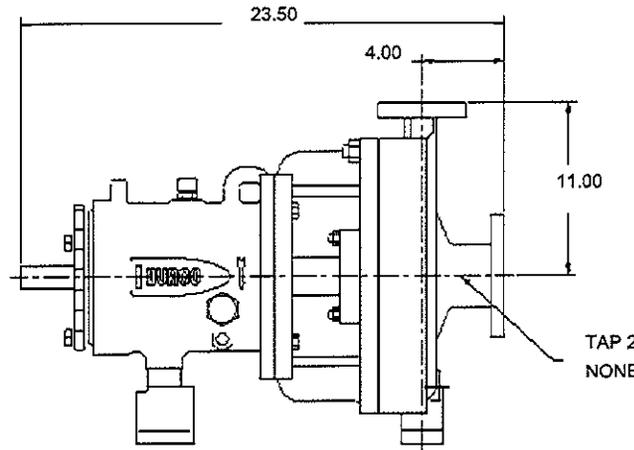


Construction Datasheet

Customer	: -	Pump / Stages	: 2K4x3-10RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII7900DV
Item number	: 2K4x3	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024
Construction		Driver Information	
Nozzles	Size	Rating	Face
Suction	4.00	150#	FF
Discharge	3.00	150#	FF
			Position
			End
			Top
Casing mounting	: Foot		
Casing split	: Radial		
Impeller type	: Reverse Vane		
Bearing type (radial)	: Sgl Row		
Bearing number (radial)	: 6310-C3		
Bearing type (thrust)	: Dbl Row		
Bearing number (thrust)	: 5310-AHC3		
Bearing lubrication	: Flood		
Rotation (view from driver)	: CW per Hyd. Institute		
			Manufacturer
			: Not Supplied By Flowserve
			Power
			: 40.0 hp / 29.8 kW
			Service factor (requested / actual)
			: 1.0 / 1.15
			Synchronous speed
			: 3,600 rpm
			Orientation / Mounting
			: Horizontal / Foot
			Driver type
			: NEMA
			Frame-size / material
			: 324TS / CAST IRON
			Enclosure
			: -
			Hazardous area class
			: -
			Explosion 'T' rating
			: -
			Volts / Phase / Hz
			: 460 / 3 / 60 Hz
			Amps-full load/locked rotor
			: - / -
			Motor starting
			: Direct on line (DOL)
			Insulation
			: -
			Temperature rise
			: -
			Bearings
			: Ball
			Lubrication
			: Grease
			Motor mounted by
			: Others
Materials		Sound Pressure (dBA @ 1.0 m)	
Casing	: 316SS (D4/CF8M)		
Impeller	: 316SS (D4/CF-8M)		
Seal chamber	: FML Box / (316SS)		
Shaft	: ZH/316SS ButtWelded		
Sleeve	: No Sleeve		
			Driver, expected
			: -
			Pump & driver, estimated
			: 83 Pump only
Baseplate, Coupling and Guard		Seal Information	
Baseplate type	: None		
Baseplate material	: N/A		
Baseplate size	: -		
Coupling manufacturer	: -		
Coupling size	: -		
Coupling / Shaft guard	: No Guard Supplied		
Shaft / seal guard	: None Supplied		
			Arrangement
			: Single Cartridge
			Size
			: 1.875
			Manufacturer / Type
			: Flowserve / ISC2 Pusher
			Material code (Man'f/API)
			: C2CPX----ECXV- / -
			Internal neck bushing
			: Not Available
Weights (Approx.)		Gland	
Bareshaft pump (net)	: 225.0 lb		
Baseplate (net)	: -		
Driver (net)	: 275.0 lb		
Shipping gross weight/volume	: 575.0 lb / 5.54 cu.ft		
			Gland material
			: 316SS
			Flush
			: .375" NPT
			Vent
			: .375" NPT
			Drain
			: .375" NPT
			Auxiliary seal device
			: Carbon Bushing
Testing		Piping	
Hydrostatic test	: Non witnessed		
Performance test	: None		
NPSH test	: None		
			Seal flush plan
			: Plan 03
			Seal flush construction
			: Not supplied
			Seal flush material
			: Not supplied
			Aux seal flush plan
			: Plan 61
			Aux seal flush construction
			: Not supplied
			Aux seal flush material
			: Not supplied
Notes			
-			
ANSI 3A w/site, magnetic drain plug			
-			
-			
-			
XSD Drawing No. 0000AMK3SXX2KXXFTRVSSMSFM			

Dimensions certified for construction when properly endorsed below. Refer to factory for any "" dimensions. DO NOT SCALE DRAWING

- NOTES:
1. Consult pump I.O.M. before installing the pump.
 2. Installation dimensions are +/- .13" (3mm), unless otherwise noted.
 3. Foundation bolts and piping should not be set rigidly before receipt of equipment.
 4. Allow a minimum of .75" (19mm) under baseplate for adjustment and grouting.
 5. All holes in flanges are offset from centrelines.
 6. Piping, foundations, and systems are the responsibility of others. Flowserve Pump Division data and comments are offered as an aid, but Flowserve Pump Division cannot assume responsibility for the system design or operation. It is recommended that a specialist skilled in this area be consulted to ensure a successful installation.



ASME size A70
 Shaft Dia. at Seal: 1.875"
 Shaft Dia.at Cplg: 1.125"

ATO Scope of Supply - Certified for Construction

Customer	: -	Pump size & type	: 2K4x3-10RV M3 ST	Drawing number	: -
Item number	: 2K4x3	Pump speed / Stages	: 3,550 rpm / 1	Date	: March 28, 2024
Service	: -	Flow / Head	: 370.0 USgpm / 196.00 ft	Certified by / Date :	: -
Customer PO #	: -	Driver power / Frame	: 40.0 hp / 29.8 kW / 324TS	Seal type	: ISC2 Pusher
Flowserve reference	: 4837410534	Volts / Phase / Hz	: 460 / 3 / 60 Hz	Seal flush plan	: Plan 03

Customer	: -	Pump / Stages	: 2K4x3-10RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII7900DV
Item number	: 2K4x3	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024
Duty Conditions		Performance	
Quantity of pumps	: 1	Hydraulic power	: 18.3 hp
Liquid description	: -	Pump overall efficiency	: 64.1 %
Liquid type	: Other	NPSH3 @ Impeller eye	: 9.3 ft
Frequency	: 60 Hz	Rated brake power	: 28.6 hp
Flammable	: No	Maximum brake power	: 39.3 hp
Toxic	: No	Motor rating	: 40.0 hp / 29.8 kW
H2S	: No	Ns / Nss (per eye)	: 1,118 / 12,960 (US)
Rated flow	: 370.0 USgpm	MCSF	: 150.5 USgpm
Rated head	: 196.00 ft	Rated impeller diameter	: 7.31 in
NPSHa	: 34.0 ft	Maximum impeller diameter	: 10.00 in
Viscosity	: 1.00 cSt	Minimum impeller diameter	: 6.00 in
Specific gravity	: 1.000	Maximum head	: 211.24 ft
Maximum suction pressure	: 0.0 psig	Flow at BEP	: 447.5 USgpm
Rated suction pressure	: 0.0 psig	Flow as % of BEP	: 82.7 %
Maximum liquid temperature	: 60 °F	Rated/max diameter	: 73.1 %
Vapor pressure	: -	Head rise to shut off	: 7.8 %
Altitude	: -	Rated/max head	: 48.1 %
Static head	: -	Visc. capacity correction factor (CQ)	: 1.00
Pump length strategy used	: -	Visc. head correction factor (CH)	: 1.00
		Visc. efficiency correction factor (CE)	: 1.00
Selection status			
Product line	: Mark 3 & LoFlo ANSI	Business unit	: Chesapeake
Pump speed	: 3,550 rpm	Selection status	: Acceptable
Working Pressure Limits		Actual Pressure Values	
Casing assembly MRWP	: 91.4 psig	Casing pressure	: 91.4 psig
Suction region MRWP	: -	(based on shut off @ cut dia/rated SG)	
Discharge region MRWP	: N/A	Allowed discharge	: 275.0 psig
Casing Assembly MAWP	: 275.0 psig	Allowed suction	: 98.0 psig
Suction region MAWP	: 98.0 psig	Seal chamber pressure	: 8.7 psig
Discharge Region MAWP	: 275.0 psig	Maximum discharge pressure	: N/A
		Maximum suction pressure	: 0.0 psig
Materials		Casing design	: -
Requested pump material	: D4	Discharge flange rating	: N/A
Selected pump material	: D4	Suction flange rating	: N/A
Hydrostatic Test Pressures (when purchased)			
Casing hydrotest pressure	: 413.0 psig	Suction region hydrotest pressure	: 413.0 psig
Discharge region hydrotest pressure	: 413.0 psig		
Performance Corrections and Factors			
Mechanical Seal / Packing	: -	Bearing configuration	: -
Auxiliary seal	: -	Back wear ring supply	: No back rings fitted
Clearances	: -	Solid size	: -
Shaft configuration	: -	Solid size limit	: 0.6560 in
Orifice plate diameter	: -	Torque rating (max power)	: 1.11 hp/100 rpm
Energy density	: 0 hp/min	Torque rating (rated power)	: 0.81 hp/100 rpm
dN (API 7th) / dmN (API 8th)	: -	Torque limit	: 5.00 hp/100 rpm
		Pump WR ² at 3,550 rpm	: 0.55 lb-ft ²



Customer	: -	Pump / Stages	: 2K4x3-10RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII7900DV
Item number	: 2K4x3	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024

Shaft Deflection and Bearing Life

Shaft deflection (rated)	: -	Radial bearing life (shut off)	: -
Shaft deflection limit (rated)	: -	Radial bearing life limit (shut off)	: -
Shaft deflection (shut off)	: -	Thrust bearing life (rated)	: -
Shaft deflection limit (shut off)	: -	Thrust bearing life limit (rated)	: -
Radial bearing life (rated)	: -	Thrust bearing life (shut off)	: -
Radial bearing life limit (rated)	: -	Thrust bearing life limit (shut off)	: -

User Messages

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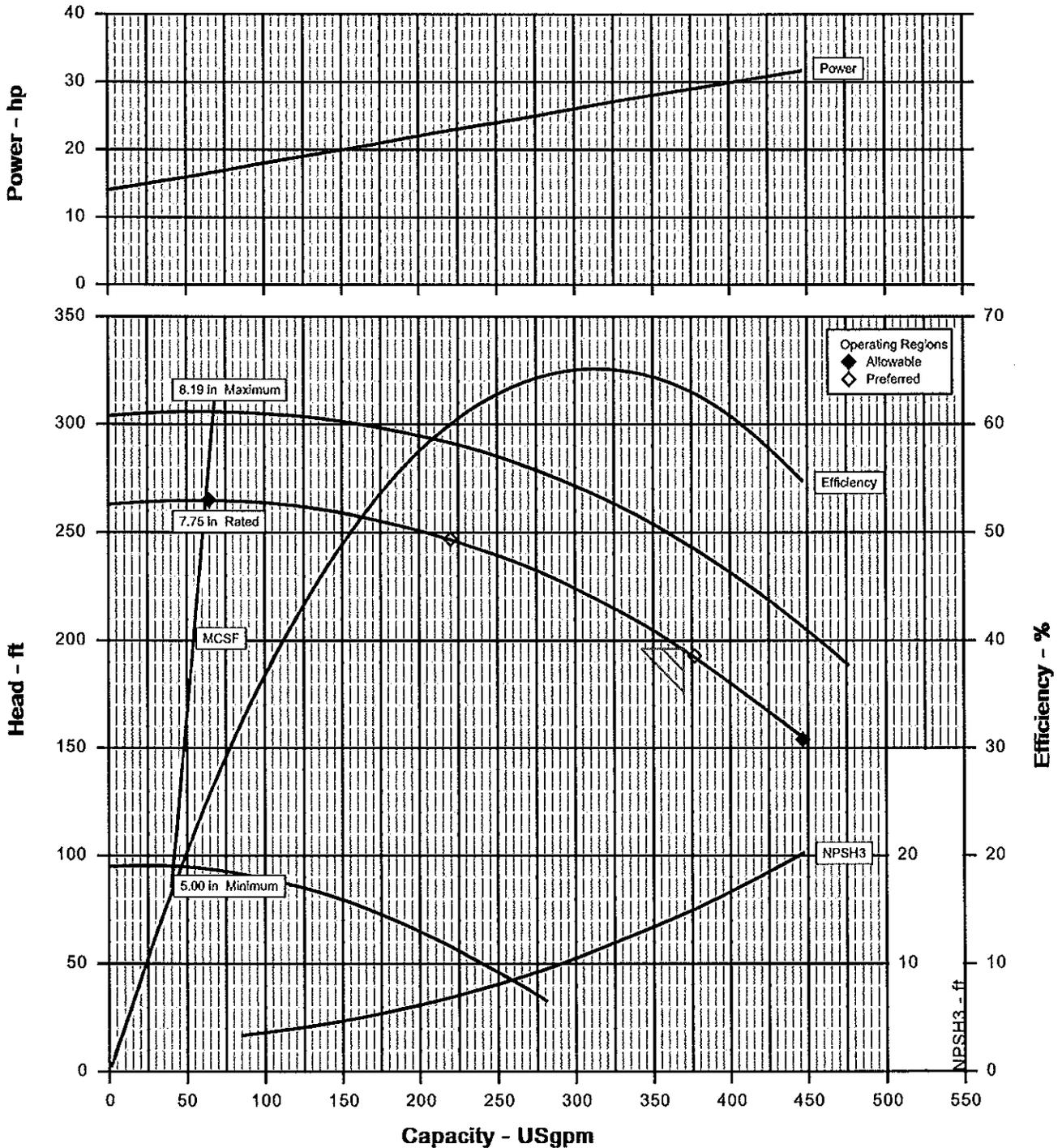


Pump size & type / Stages : 2K3x2-82RV M3 ST / 1
 Based on curve no. : MIII8360AV
 Impeller diameter : 7.75 in

Customer :-
 Item number : 2K3x2
 Service :-
 Flowserve reference : 4837410534
 Date : March 28, 2024

Capacity : 370.0 USgpm
 Head : 196.00 ft
 Density / Specific gravity : - / 1.000
 Pump speed : 3,550 rpm
 Ns / Nss (per eye) : 1,019 / 9,960 (US)
 Test tolerance : ANSI/HI 14.6 Grade 1U

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS, CAPACITY, HEAD, AND EFFICIENCY....



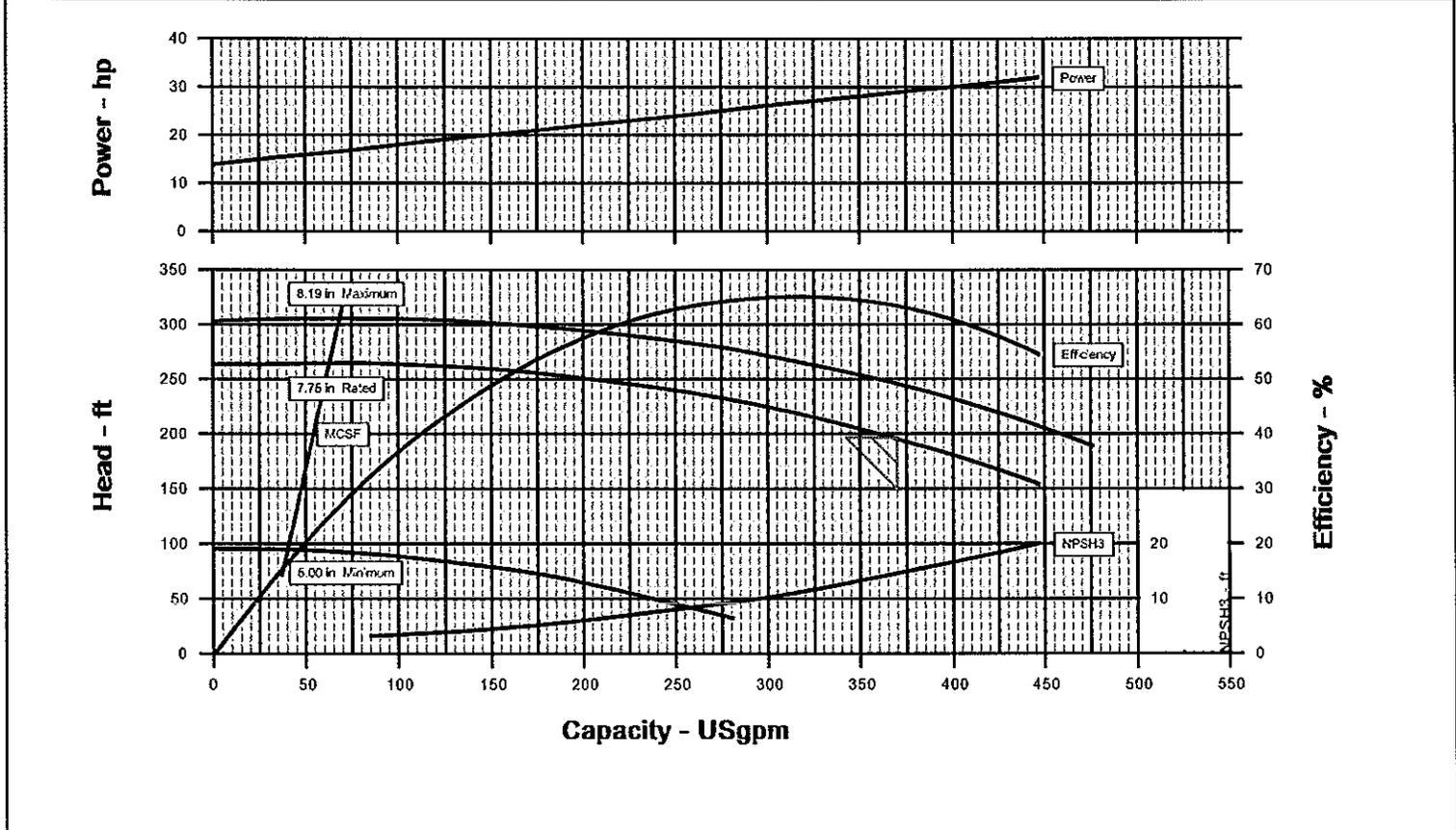
Customer	: -	Pump / Stages	: 2K3x2-82RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII8360AV
Item number	: 2K3x2	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024

Operating Conditions		Materials / Specification	
Capacity (rated/normal)	: 370.0 USgpm / -	Material column code	: D4
Water capacity (CQ=1.00)	: -	Pump specification	: ASME B73.1
Total developed head	: 196.00 ft	Other Requirements Hydraulic selection : No specification Construction : No specification Test tolerance : ANSI/HI 14.6 Grade 1U Driver Sizing : Max Power(MCSF to EOC) using SF Seal configuration : Single Seal	
Water head (CH=1.00)	: -		
NPSHa/NPSHa less margin	: 34.0 ft / -		
Maximum suction pressure	: 0.0 psig		

Liquid	
Liquid type	: Other
Liquid description	: -
Temperature	: 60 °F
Density / Specific gravity	: - / 1.000
Solid Size - Actual / Limit	: - / 0.5310 in
Viscosity / Vapor pressure	: 1.00 cSt / -

Performance			
Hydraulic power	: 18.3 hp	Impeller diameter	
Pump speed	: 3,550 rpm	Rated	: 7.75 in
Pump overall efficiency (CE=1.00)	: 63.6 %	Maximum	: 8.19 in
NPSH required (NPSH3)	: 14.6 ft	Minimum	: 5.00 in
Rated brake power	: 28.8 hp	Ns / Nss (per eye)	: 1,019 / 9,960 (US)
Maximum brake power	: 31.9 hp	Minimum continuous flow	: 64.1 USgpm
Driver power rating	: 40.0 hp / 29.8 kW	Maximum head at rated diameter	: 262.97 ft
Casing working pressure	: 113.8 psig	Flow at BEP	: 314.2 USgpm
(based on shut off @ cut dia/rated SG)		Flow as % of BEP	: 117.7 %
Maximum allowable	: 275.0 psig	Efficiency at normal flow	: -
Hydrostatic test pressure	: 413.0 psig	Impeller diameter ratio (rated/max)	: 94.7 %
Estimated rated seal chamber pressure	: 8.7 psig	Head rise to shut off	: 34.2 %
		Total head ratio (rated / max) / (max / rated)	: 79.7 % / 125.4 %

CURVES ARE APPROXIMATE. PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.
 MCSF PROVIDES MECHANICAL PROTECTION ONLY. MINIMUM THERMAL FLOW MUST BE CALCULATED FOR THE SPECIFIC FLUID AND OPERATING CONDITIONS.



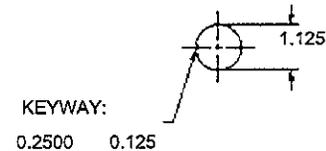
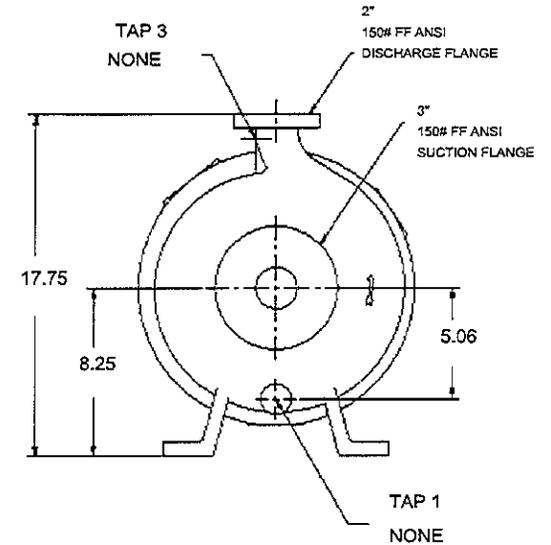
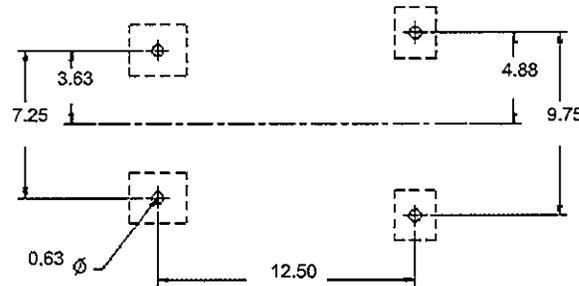
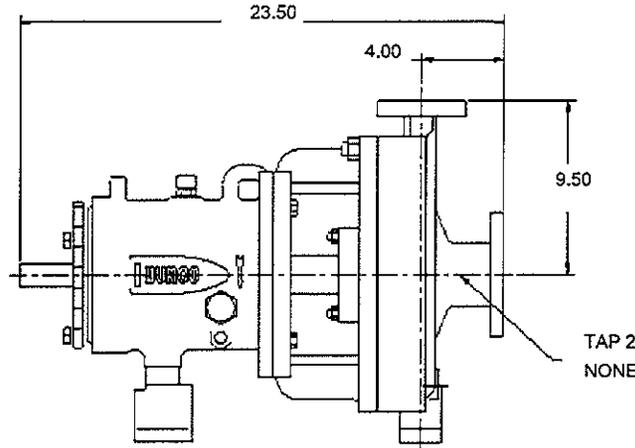


Construction Datasheet

Customer	: -	Pump / Stages	: 2K3x2-82RV M3 ST / 1				
Customer reference	: -	Based on curve no.	: MIII8360AV				
Item number	: 2K3x2	Flowserve reference	: 4837410534				
Service	: -	Date	: March 28, 2024				
Construction		Driver Information					
Nozzles	Size	Rating	Face	Position	Manufacturer	: Not Supplied By Flowserve	
Suction	3.00	150#	FF	End	Power	: 40.0 hp / 29.8 kW	
Discharge	2.00	150#	FF	Top	Service factor (requested / actual)	: 1.0 / 1.15	
Casing mounting	: Foot				Synchronous speed	: 3,600 rpm	
Casing split	: Radial				Orientation / Mounting	: Horizontal / Foot	
Impeller type	: Reverse Vane				Driver type	: NEMA	
Bearing type (radial)	: Sgl Row				Frame-size / material	: 324TS / CAST IRON	
Bearing number (radial)	: 6310-C3				Enclosure	: -	
Bearing type (thrust)	: Dbl Row				Hazardous area class	: -	
Bearing number (thrust)	: 5310-AHC3				Explosion 'T' rating	: -	
Bearing lubrication	: Flood				Volts / Phase / Hz	: 460 / 3 / 60 Hz	
Rotation (view from driver)	: CW per Hyd. Institute				Amps-full load/locked rotor	: - / -	
Materials		Sound Pressure (dBA @ 1.0 m)					
Casing	: 316SS (D4/CF8M)				Motor starting	: Direct on line (DOL)	
Impeller	: 316SS (D4/CF-8M)				Insulation	: -	
Seal chamber	: FML Box / (316SS)				Temperature rise	: -	
Shaft	: ZH/316SS ButtWelded				Bearings	: Ball	
Sleeve	: No Sleeve				Lubrication	: Grease	
Baseplate, Coupling and Guard		Seal Information					
Baseplate type	: None				Driver, expected	: -	
Baseplate material	: N/A				Pump & driver, estimated	: 83 Pump only	
Baseplate size	: -				Seal Information		
Coupling manufacturer	: -				Arrangement	: Single Cartridge	
Coupling size	: -				Size	: 1.875	
Coupling / Shaft guard	: No Guard Supplied				Manufacturer / Type	: Flowserve / ISC2 Pusher	
Shaft / seal guard	: None Supplied				Material code (Man'f/API)	: C2CPX---ECXV- / -	
Weights (Approx.)		Gland					
Bareshaft pump (net)	: 200.0 lb				Internal neck bushing	: Not Available	
Baseplate (net)	: -				Gland material	: 316SS	
Driver (net)	: 275.0 lb				Flush	: .375" NPT	
Shipping gross weight/volume	: 546.3 lb / 4.71 cu.ft				Vent	: .375" NPT	
Testing		Piping					
Hydrostatic test	: Non witnessed				Drain	: .375" NPT	
Performance test	: None				Auxiliary seal device	: Carbon Bushing	
NPSH test	: None				Piping		
Paint and Package		Seal flush plan		: Plan 03			
Pump paint	: FLS St'd PU Topcoat				Seal flush construction	: Not supplied	
Base grout surface prep	: N/A				Seal flush material	: Not supplied	
Shipment type	: Domestic				Aux seal flush plan	: Plan 61	
		Aux seal flush construction		: Not supplied			
		Aux seal flush material		: Not supplied			
Notes							
-							
ANSI 3A w/site, magnetic drain plug							
-							
-							
-							
XSD Drawing No. 0000AMK3SXX2KXXFTRVSSMSFM							

Dimensions certified for construction when properly endorsed below. Refer to factory for any "" dimensions. DO NOT SCALE DRAWING

- NOTES:
1. Consult pump I.O.M. before installing the pump.
 2. Installation dimensions are +/- .13" (3mm), unless otherwise noted.
 3. Foundation bolts and piping should not be set rigidly before receipt of equipment.
 4. Allow a minimum of .75" (19mm) under baseplate for adjustment and grouting.
 5. All holes in flanges are offset from centrelines.
 6. Piping, foundations, and systems are the responsibility of others. Flowserve Pump Division data and comments are offered as an aid, but Flowserve Pump Division cannot assume responsibility for the system design or operation. It is recommended that a specialist skilled in this area be consulted to ensure a successful installation.



ASME size A60
 Shaft Dia. at Seal: 1.875"
 Shaft Dia.at Cpig: 1.125"

ATO Scope of Supply - Certified for Construction

Customer	: -	Pump size & type	: 2K3x2-82RV M3 ST	Drawing number	: -
Item number	: 2K3x2	Pump speed / Stages	: 3,550 rpm / 1	Date	: March 28, 2024
Service	: -	Flow / Head	: 370.0 USgpm / 196.00 ft	Certified by / Date :	: -
Customer PO #	: -	Driver power / Frame	: 40.0 hp / 29.8 kW / 324TS	Seal type	: ISC2 Pusher
Flowserve reference	: 4837410534	Volts / Phase / Hz	: 460 / 3 / 60 Hz	Seal flush plan	: Plan 03

Customer	: -	Pump / Stages	: 2K3x2-82RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII8360AV
Item number	: 2K3x2	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024
Duty Conditions		Performance	
Quantity of pumps	: 1	Hydraulic power	: 18.3 hp
Liquid description	: -	Pump overall efficiency	: 63.6 %
Liquid type	: Other	NPSH3 @ Impeller eye	: 14.6 ft
Frequency	: 60 Hz	Rated brake power	: 28.8 hp
Flammable	: No	Maximum brake power	: 31.9 hp
Toxic	: No	Motor rating	: 40.0 hp / 29.8 kW
H2S	: No	Ns / Nss (per eye)	: 1,019 / 9,960 (US)
Rated flow	: 370.0 USgpm	MCSF	: 64.1 USgpm
Rated head	: 196.00 ft	Rated impeller diameter	: 7.75 in
NPSHa	: 34.0 ft	Maximum impeller diameter	: 8.19 in
Viscosity	: 1.00 cSt	Minimum impeller diameter	: 5.00 in
Specific gravity	: 1.000	Maximum head	: 262.97 ft
Maximum suction pressure	: 0.0 psig	Flow at BEP	: 314.2 USgpm
Rated suction pressure	: 0.0 psig	Flow as % of BEP	: 117.7 %
Maximum liquid temperature	: 60 °F	Rated/max diameter	: 94.7 %
Vapor pressure	: -	Head rise to shut off	: 34.2 %
Altitude	: -	Rated/max head	: 79.7 %
Static head	: -	Visc. capacity correction factor (CQ)	: 1.00
Pump length strategy used	: -	Visc. head correction factor (CH)	: 1.00
		Visc. efficiency correction factor (CE)	: 1.00
Selection status			
Product line	: Mark 3 & LoFlo ANSI	Business unit	: Chesapeake
Pump speed	: 3,550 rpm	Selection status	: Acceptable
Working Pressure Limits		Actual Pressure Values	
Casing assembly MRWP	: 113.8 psig	Casing pressure	: 113.8 psig
Suction region MRWP	: -	(based on shut off @ cut dia/rated SG)	
Discharge region MRWP	: N/A	Allowed discharge	: 275.0 psig
Casing Assembly MAWP	: 275.0 psig	Allowed suction	: 172.0 psig
Suction region MAWP	: 172.0 psig	Seal chamber pressure	: 8.7 psig
Discharge Region MAWP	: 275.0 psig	Maximum discharge pressure	: N/A
		Maximum suction pressure	: 0.0 psig
Materials		Casing design	: -
Requested pump material	: D4	Discharge flange rating	: N/A
Selected pump material	: D4	Suction flange rating	: N/A
Hydrostatic Test Pressures (when purchased)			
Casing hydrotest pressure	: 413.0 psig	Suction region hydrotest pressure	: 413.0 psig
Discharge region hydrotest pressure	: 413.0 psig		
Performance Corrections and Factors			
Mechanical Seal / Packing	: -	Bearing configuration	: -
Auxiliary seal	: -	Back wear ring supply	: No back rings fitted
Clearances	: -	Solid size	: -
Shaft configuration	: -	Solid size limit	: 0.5310 in
Orifice plate diameter	: -	Torque rating (max power)	: 0.90 hp/100 rpm
Energy density	: 0 hp/min	Torque rating (rated power)	: 0.81 hp/100 rpm
dN (API 7th) / dmN (API 8th)	: -	Torque limit	: 5.00 hp/100 rpm
		Pump WR ² at 3,550 rpm	: 0.38 lb-ft ²

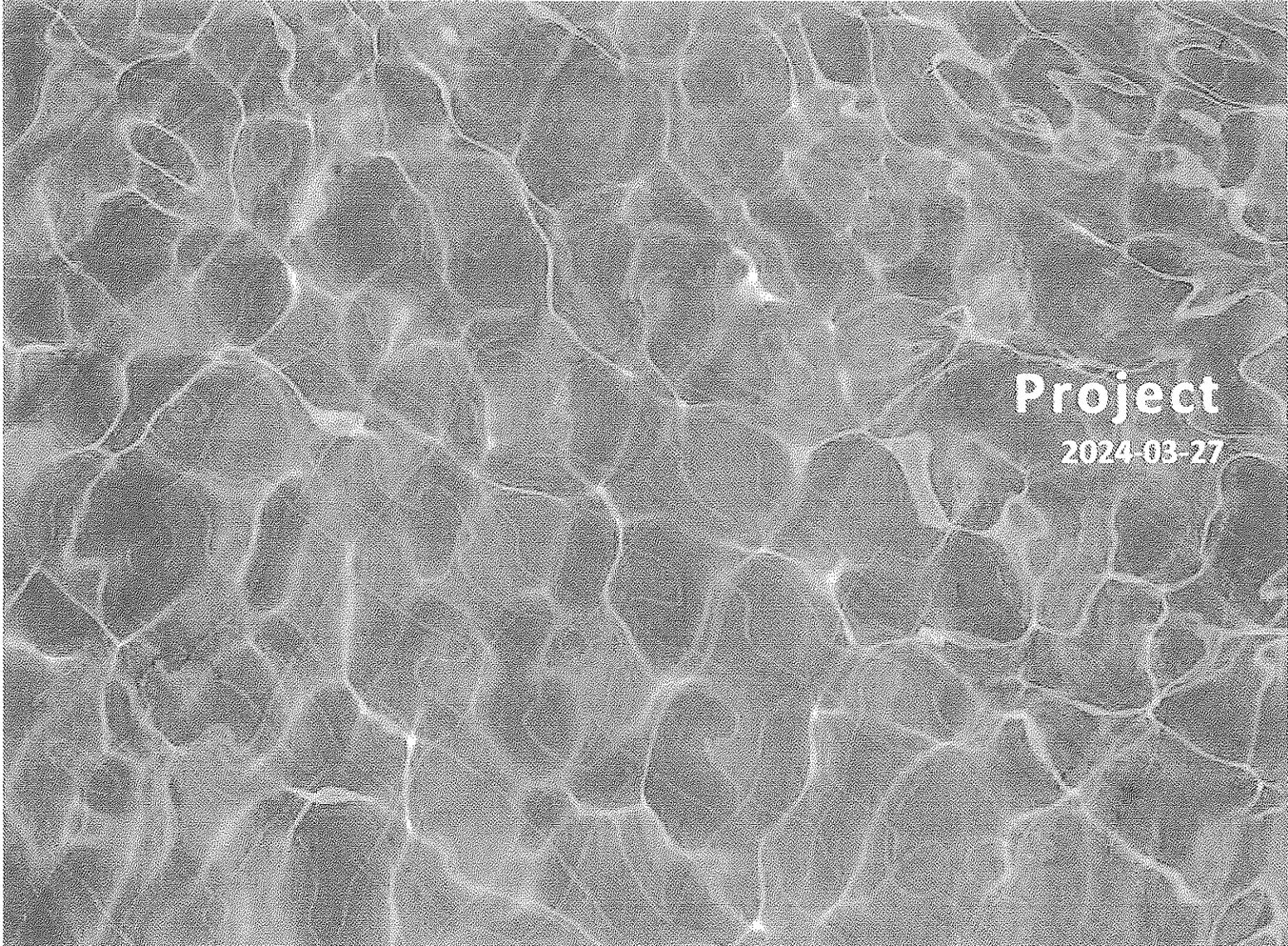
Customer	: -	Pump / Stages	: 2K3x2-82RV M3 ST / 1
Customer reference	: -	Based on curve no.	: MIII8360AV
Item number	: 2K3x2	Flowserve reference	: 4837410534
Service	: -	Date	: March 28, 2024

Shaft Deflection and Bearing Life

Shaft deflection (rated)	: -	Radial bearing life (shut off)	: -
Shaft deflection limit (rated)	: -	Radial bearing life limit (shut off)	: -
Shaft deflection (shut off)	: -	Thrust bearing life (rated)	: -
Shaft deflection limit (shut off)	: -	Thrust bearing life limit (rated)	: -
Radial bearing life (rated)	: -	Thrust bearing life (shut off)	: -
Radial bearing life limit (rated)	: -	Thrust bearing life limit (shut off)	: -

User Messages

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Project
2024-08-27

QUOTATION

Company

Contact

Phone No.

Email



10BF1N9H0 | Configuration Summary

PUMP

Pump Size	4 x 5 - 8	Speed	3500
Installation	Close Coupled		

MOTOR

Sizing Method	Max. shaft power	Frequency (Hz)	60
Service Factor	1	Poles	2
Upsize	No	Enclosure	TEPE
Overloading	No	Frame Size	254JM
		Power	20 hp
		Phase (~)	3
		Voltage	230/460 V

MATERIALS

Construction	BF (Bronze Fitted)
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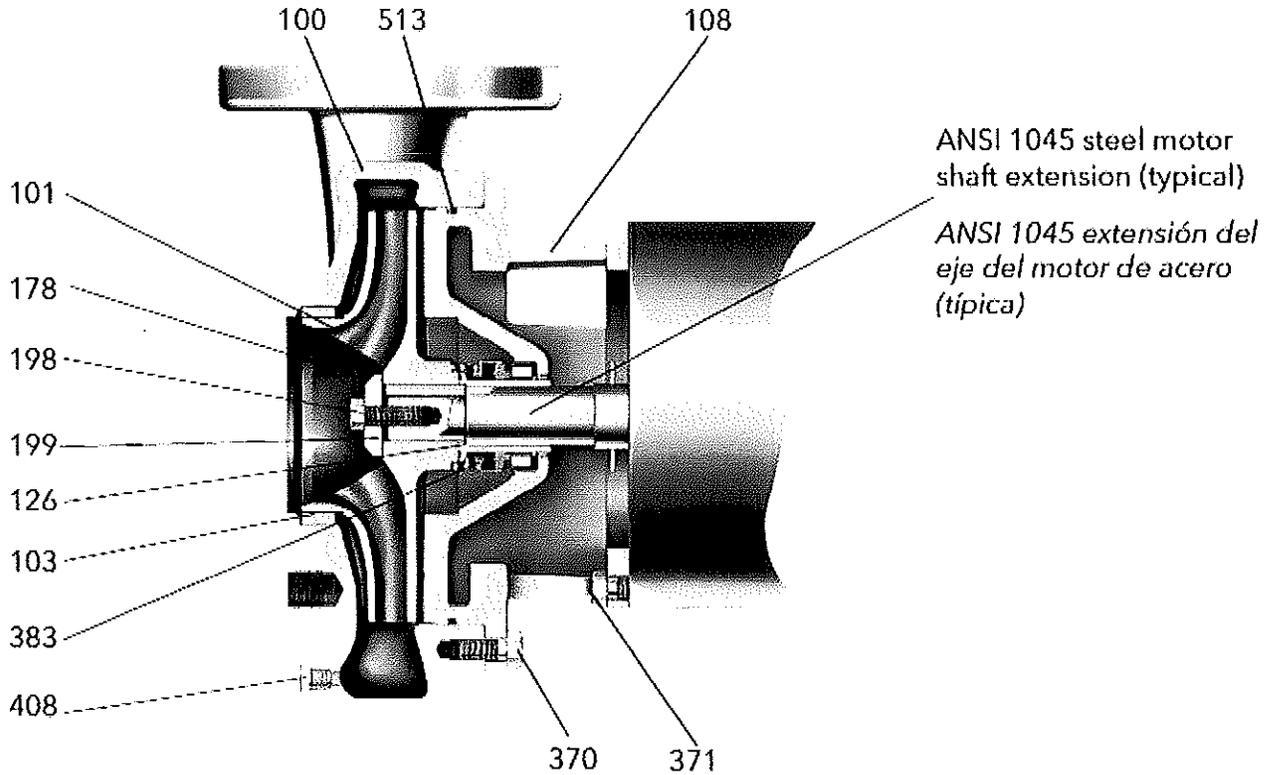
SEAL

Seal Design	Mechanical Seal	Rotating Face	Carbon
Type of Seal	Type 21	Stationary Face	Ceramic
		Elastomers	BUNA-N
		Metal Components	316 SS

STANDARD OPTIONS

Casing Rotation	12 o'clock	Connection	Flanged
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10BF1N9H0 | Product Details



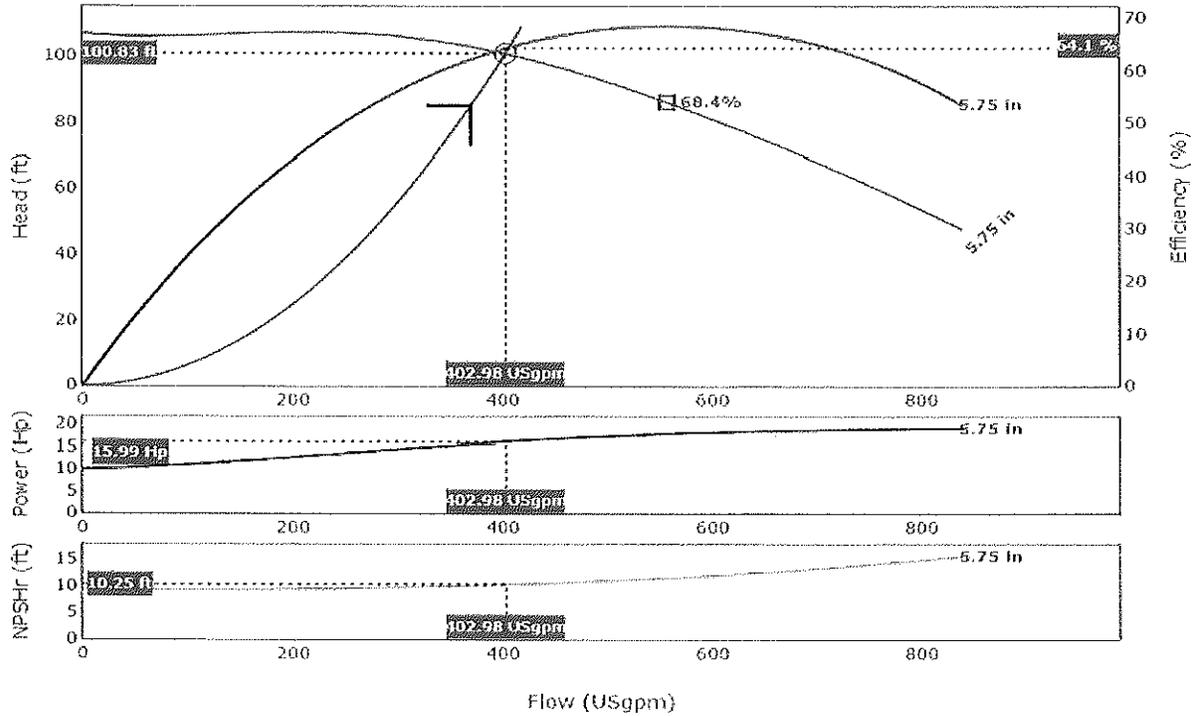
Material Details

Shaft sleeve (126)	AISI 300 Stainless Steel	Casing (100)	Cast iron ASTM A48 CL30
Pipe plug 1/4" or 3/8" (408)	Zinc Plated Steel	Impeller washer (199)	AISI 300 Stainless Steel
Impeller bolt (198)	AISI 300 Stainless Steel	Impeller (101)	ASTM B584, Modified C87500 – Lead Free
Mechanical seal (383)	See Mechanical Section	Hex head cap screw (adapter to motor) (371)	Zinc Plated Steel Grade 5
Casing wear ring (103)	Bismuth Bronze – Lead Free	O-ring (513)	BUNA-N (Std.)/EPR (opt.)/Viton (opt.)
Hex head cap screw (adapter to case) (370)	Zinc Plated Steel Grade 5		
Adapter/seal housing (108)	Cast iron ASTM A48 CL20		
Impeller key (178)	AISI 300 Stainless Steel		

Motor Data

There are no information available for the given configuration.

10BF1N9H0 | Hydraulic Data & Performance Curve



Selection Criteria

Series	3656/3756 M - L Group
Name	10BF 3500rpm
Stages	1
Frequency	60 Hz
Impeller Diameters	1x 5.75"
Max Impeller Diameter (ref)	8.062 in
Min Impeller Diameter (ref)	5.75 in
Total Flow	370.00 USgpm
Total Head	85.00 ft
Pump Flow	370.00 USgpm
Pump Head	85.00 ft
Acceptance Grade	Manufacturer's Standard
System Type	Single Pump
Operating Pumps	1
Standby Pumps	No Standby Pump

Fluid Data

Fluid Type	Water
Fluid Temperature	68 °F
Specific Gravity	1
Density	62.31322 lb/ft ³
Dynamic Viscosity	1.00165 cP
Fluid Vapor Pressure	0.33929 psi

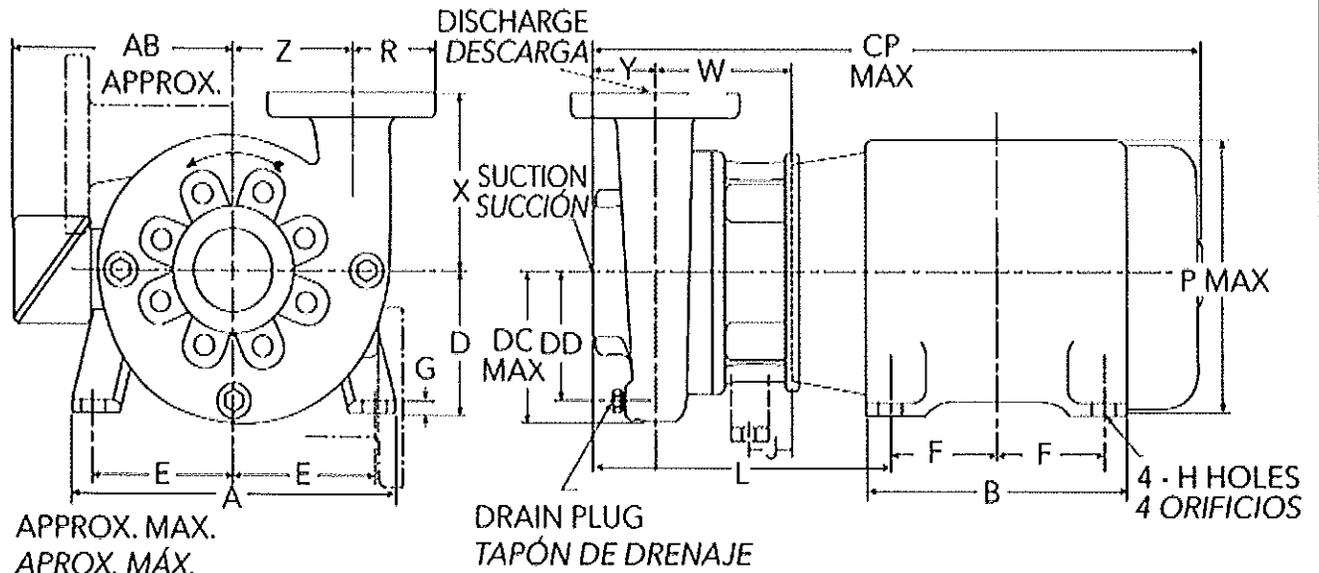
Design Point

Flow	402.98 USgpm
Head	100.83 ft
Efficiency	64.13 %
Shaft power (P2)	15.99 Hp
NPSHr	10.25 ft
Flow To Bep Ratio	72.3 %

Design Curve

Rated Speed	3,500 RPM
Max Flow	840 USgpm
H@QMin	107 ft
H@QMax	47.66 ft
BEP	68.4 %
BEP Flow	557.44 USgpm
BEP Head	86.15 ft
Max Operating Pressure	46.45 psi
Max P2	18.97 Hp

3656 M & L-Group Dimensions and Weights Grupo M y L, modelo 3656 - Peso y dimensiones



Dimensions

Suction	5 inch	Discharge	4 inch
DD	5.75 inch	P Max.	13.38 inch
A	12.13 inch	R	4.5 inch
B	11.73 inch	L	13.5 inch
D	6.25 inch	Weight (Motor)	308 lbs
E	5 inch	AB Max.	12.37 inch
F	4.12 inch	Z	5 inch
Y	3 inch	Weight (Pump Only)	99 lbs
NPT	0.38 inch		
Drain			
G	0.25 inch		
X	8 inch		
DC Max.	6.88 inch		
H	0.53 inch		
W	5.5 inch		
CP	37.08 inch		



Company

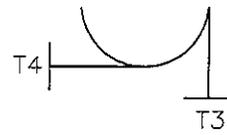
Contact

Phone No.

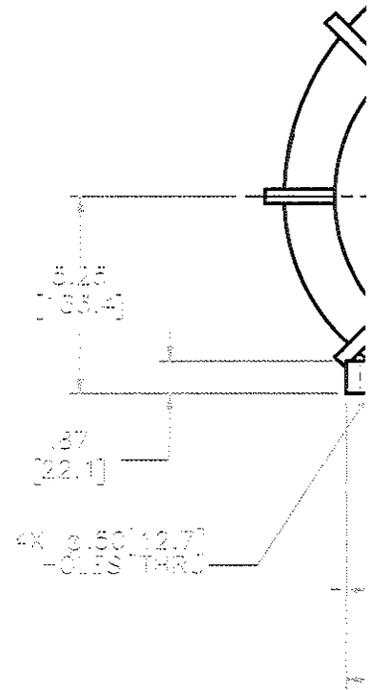
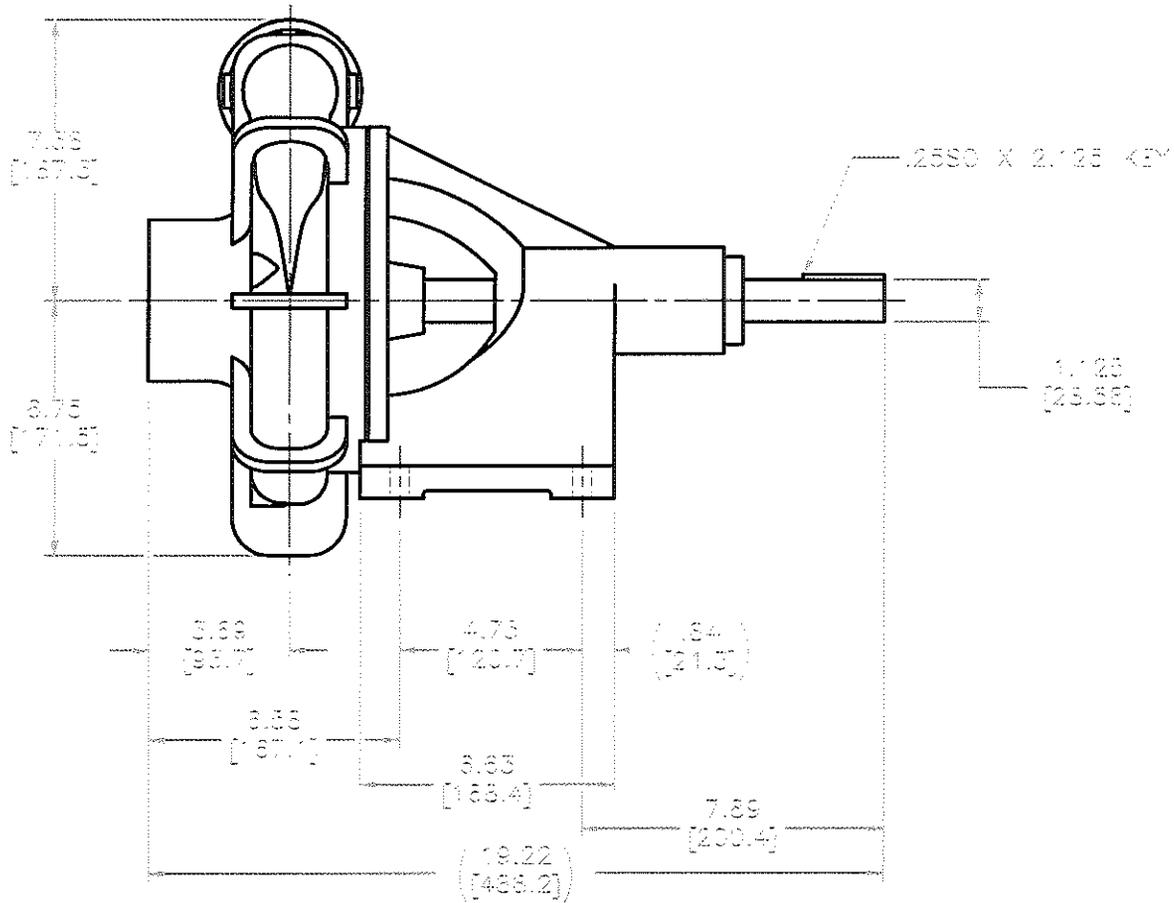
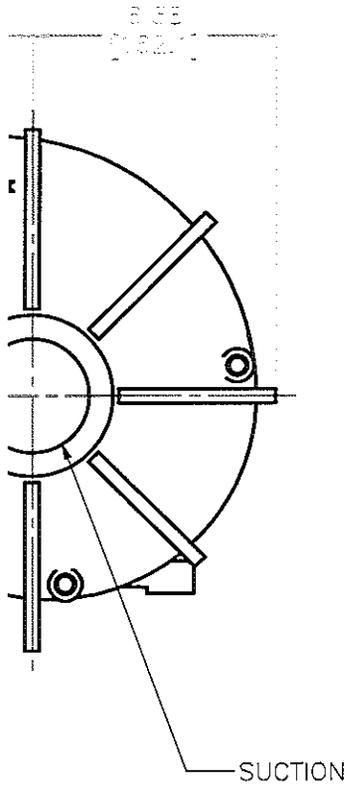
Email

stephen.hamelin@xylem.com

xylem



AVAILABLE DISCHARGE POSITIONS
 ROTATION : CLOCKWISE
 (WHEN VIEWED FROM THE DRIVER END)



N.A.
N.A.

COMPANY CONFIDENTIAL: Information contained herein is confidential, it is the property of PENTAIR. It is to be used solely for the purpose provided and it is not to be disclosed to others without the prior written consent of PENTAIR.

ATTACHMENT 6

Annexation Petition

Memo

To: South Texas Water Authority, Board of Directors
From: John Marez, Exec Dir/Admin
Date: April 19, 2024
Re: Annexation Petition - Set Time and Date for Public Hearing:
Resolution 24-08 – Isaac Lee Felan – 1.31 acres, more or less, Situated in the Casa Blanca Survey,
Being Lot 16-H, The Ranch, an unrecorded subdivision, Nueces County, Texas

Background:

Property owners requesting retail water service from the Nueces Water Supply Corporation are required to be annexed into STWA's district boundaries. This results in the new NWSC member paying the same costs as all other NWSC customers, specifically, a retail water bill from NWSC and property taxes to STWA. Isaac Lee Felan contacted our office to request service in The Ranch, an unrecorded subdivision and filed an annexation petition.

Resolution 24-08 sets the date and time for the required public hearing. The public hearing will be scheduled immediately prior to the next regular STWA Board meeting.

Analysis:

Adoption of Resolution 24-08 begins the annexation process and enables the NWSC to provide retail service to Isaac Lee Felan.

Staff Recommendation:

Adopt Resolution 24-08.

Board Action:

Determine whether to adopt Resolution.

Summary:

The annexation process is established by State law and staff is following the required steps to include this applicant annexed into the South Texas Water Authority district boundaries.

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

STATE OF TEXAS :
COUNTY OF NUECES :

TO THE BOARD OF DIRECTORS OF THE SOUTH TEXAS WATER AUTHORITY:

The undersigned (herein called "Petitioner"), holder of title to the territory described by metes and bounds in Exhibit "A" which is attached hereto and incorporated herein for all purposes, being all of the residents and landowners of such territory, as shown by the tax rolls of Nueces County, Texas, and acting pursuant to the provisions of Section 7, Chapter 436, Acts of the 66th Legislature, Regular Session, 1979, respectfully petitions the Board of Directors of South Texas Water Authority that the territory described by metes and bounds in Exhibit "A" be added to and become a part of the established South Texas Water Authority, and in support of this petition would show as follows:

I.

Fee simple title and full ownership of the aforesaid territory, which lies wholly within Nueces County, Texas, is vested in Petitioner.

II.

The addition of said territory to South Texas Water Authority is feasible and practical, would be to the best interest both to the territory and to the Authority and would benefit said territory.

III.

The Authority will be able to supply water, or have water supplied, to the added territory.

IV.

This petition shall constitute an election on the part of the Petitioner, its successors and assigns, for the aforesaid land and any improvements which may be constructed thereon to become liable for all present and future debts of the Authority in the same manner and to the same extent as other lands and improvements in the Authority are liable for the Authority's debts.

V.

Petitioner hereby authorizes the Board of Directors of the Authority to levy taxes and set rates sufficient to pay their share of the aforementioned outstanding indebtedness.

WHEREFORE, Petitioner prays that this petition be properly filed, as provided by law;

that the Board of Directors of South Texas Water Authority hear and consider the petition in keeping with the provisions of Section 7, Chapter 436, Acts of the 66th Legislature, Regular Session, 1979; and that this petition in all things be granted and that the territory described in Exhibit "A" be added to and become a part of the established South Texas Water Authority; that after this petition is granted the Board's order thereon be filed of record and be recorded in the Deed Records of Nueces County, Texas; and that the area described in Exhibit "A" be thereafter a component part of South Texas Water Authority.

EXECUTED this 12 day of April, 2024.

Isaac Lee Felan
Isaac Lee Felan- Petitioner

ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY of Kleberg

Subscribed and sworn to before me **Isaac Lee Felan** on this the 12Th day of April, 2024.

Monica H. Ayarzagotia
Notary Public

My Commission Expires: 6/5/2026

NOTARY SEAL

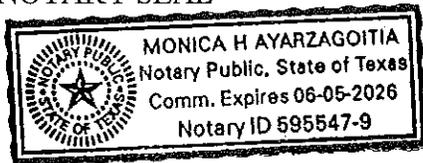


Exhibit "A"

To

PETITION FOR ADDITION OF CERTAIN LANDS TO
THE SOUTH TEXAS WATER AUTHORITY

1.31 Acres More or Less, Situated in The Casa Blanca Survey, Nueces County, Texas, Being Lot 16-H, The Ranch, An Unrecorded Subdivision; Said 1.31 Acres As Described In Deed Dated July 24, 2013, From Associates First Capital Corporation To Jeff L. Bevers Etux, In Clerk's File #2013031673, Official Public Records Of Nueces County, Texas.

ATTACHMENT 7

Resolution 24-08

SOUTH TEXAS WATER AUTHORITY

Resolution 24-08

RESOLUTION OF DETERMINATION OF VALIDITY OF ANNEXATION PETITION,
SETTING PUBLIC HEARING AND AUTHORIZING PUBLICATION OF NOTICE.

WHEREAS, Isaac Lee Felan (Petitioner), has filed the attached petition (the Petition) with the South Texas Water Authority requesting annexation of their property into the South Texas Water Authority in order to allow water service to the property to be provided by Nueces Water Supply Corporation, and

WHEREAS, the South Texas Water Authority Board of Directors has reviewed the Petition and finds that it meets all of the requirements for annexation into the South Texas Water Authority's District, and

WHEREAS, the Board of Directors hereby sets a public hearing to hear evidence for or against the proposed annexation of this property to be held on May 21, 2024 at 5:30 p.m. at the South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the South Texas Water Authority hereby authorizes the publication of the attached Notice of Public Hearing on Annexation for a public hearing to be held on May 21, 2024 at 5:30 p.m. at South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas. At such hearing all interested persons may appear and offer evidence for or against the proposed annexation of the property described in Exhibit A of the Petition.

Duly adopted this 19th day of April, 2024.

JOSE M. GRAVELEY, PRESIDENT

ATTEST:

IMELDA GARZA, SECRETARY/TREASURER

NOTICE OF PUBLIC HEARING ON ANNEXATION

THE STATE OF TEXAS
SOUTH TEXAS WATER AUTHORITY

Pursuant to a Resolution adopted by the Board of Directors of South Texas Water Authority, a hearing shall be held at the South Texas Water Authority, 2302 East Sage Road, Kingsville, Texas, on May 21, 2024 at 5:30 p.m. with respect to the Petition filed by Isaac Lee Felan for annexation of the territory described below, on the question of whether the territory sought to be annexed will be benefited by the improvements, works, and facilities then owned or operated or contemplated to be owned or operated by the Authority or by the other functions of the Authority. All interested persons may appear at such hearing and offer evidence for or against the proposed annexation.

Signed this the 23rd day of April, 2024.

Jose M. Graveley, President
Board of Directors
South Texas Water Authority

That certain lot or tract of land situated in Nueces County, Texas, and more particularly described as follows:

1.31 acres, more or less, situated in the Casa Blanca Survey, Nueces County, Texas, Being Lot 16-H, The Ranch, an unrecorded subdivision; Said 1.31 acres as described in deed dated July 24, 2013, From Associates First Capital Corporation to Jeff L. Bevers Etux, In Clerk's File #2013031673, Official Public Records of Nueces County, Texas.

ATTACHMENT 8

Triton Energy Sources

Memo

To: South Texas Water Authority Board of Directors
From: John Marez, Exec Dir/Admin
Date: April 19, 2024
Topic: Presentation by Triton Energy Services

Background:

Triton Energy Services is a company centered in Texas and our region that is proposing to deliver a processed water derivative from oil and gas refinement. Triton indicates the quality of their proposed water source is not established for public consumption but can be used to provide exclusive use by industry. With the growing need for water in our service area exploring nontraditional sources could prove beneficial for all end users especially for residential use.

Analysis:

This presentation is informational only and does not compete with our water system's interest in exploring potable water sources.

This industrial grade source has the potential to dramatically transform the reuse and delivery of water for non-consumption usage. Triton's water project has the ability to not only have an impact locally but holds worldwide implications as well.

Making attempts to avoid strain on potable water supplies could occur if the technology and any permitting requirements are attained.

Staff Recommendation:

Receive presentation.

Board Action:

No action is required.

Summary:

Water availability and scarcity is a growing concern for public water systems to meet residential needs while still providing for large water volume use. Exploring concepts similar to Triton's water source is essential to ensure long-term stability for the STWA, our wholesale customers and their end users.

PROJECT NOBEL

CURRENT FACTS

- Texas is a hub for economic development and industry
- The Coastal Bend is experiencing a surge of Industrial Development (Hydrogen / Carbon Capture / LNG / Ammonia / Lithium Refining / Etc)
- The Coastal Bend offers vast open land and relaxed local permitting requirements
- Water availability / water scarcity in the Coastal Bend will be detrimental to industry growth
- West Texas currently experiences on average 10 daily tremors / earthquakes with seismic activity felt as far south as San Antonio, TX
- 20 Million barrels of water are injected into the bedrock daily
- Coastal Bend Industry currently utilizes approximately 50MGDs Industrial water

COASTAL BEND CHALLENGES

- Industrial and Economic growth in the Coastal Bend will be contingent on water availability
- Our current water resource is not sustainable for the projected growth and the population will feel the effects
- Known industrial developments will require approximately 40MGDs of additional treated water
- Industry demand for water will continue to grow exponentially
- Lake Corpus Christi levels have averaged below 40% in 2023 with a current capacity at 32.5% (Nov 2023)
- In 2011 Lake levels dropped from 82% to 58% - Levels have not recovered since then

PROJECT NOBEL BENEFITS FOR TEXAS

- No cost to taxpayers / 100% privately funded
- Extract processed water from West Texas and transport it to the Coastal Bend via pipeline
- Project Nobel's treatment plant will provide 50MGDs (Phase I) for Coastal Bend Industry and preserve our potable sources for residents
- Health and Safety / Socio-Economic Benefits
 - Preserve our natural water source for residents enhancing quality of life and fostering healthy population growth
 - Enhance quality of life in West Texas, minimize seismic activity, improve property values, and support industry growth
 - Support industry growth not only in the Coastal Bend but across Texas
 - Improve the health of our bays by lowering salinity levels and promote ecosystem restoration
- Job Creation / Educational Advancement
 - Project Nobel Phase I investment will consist of \$3.9Billion creating Jobs for our local economy
 - Collaboration with Local Universities for technology developed by the 87th and 88th legislature
- Provides relief and mitigates current environmental challenges