

Alliance Water Resources, Inc. Operations Update

Martin County Water District

July 14, 2023

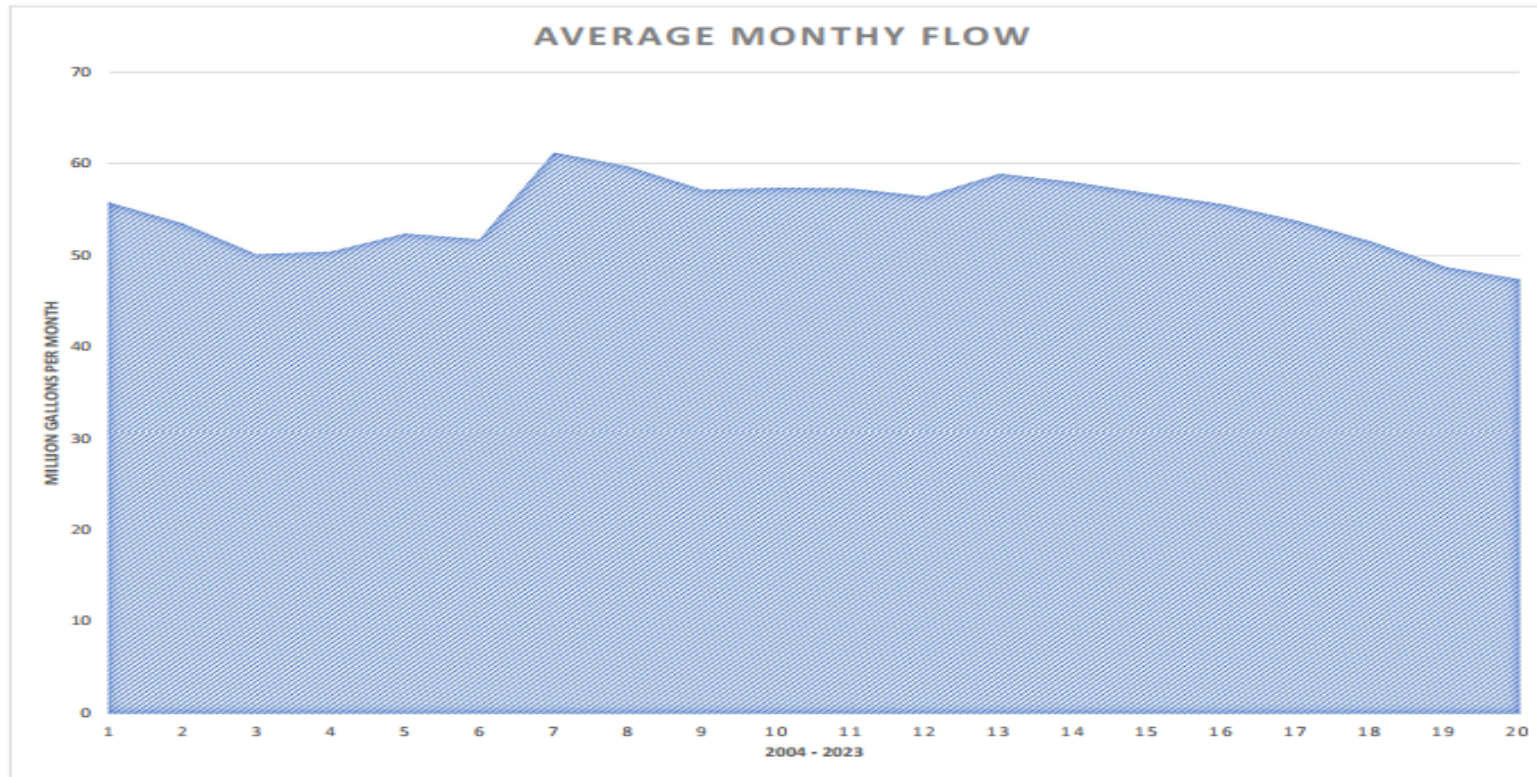
- 
- ▶ Water Loss Progress
 - ▶ Critical Needs and CIP
 - ▶ Project Updates
 - ▶ Discussion/Questions

20+ YEAR PRODUCTION RECORD

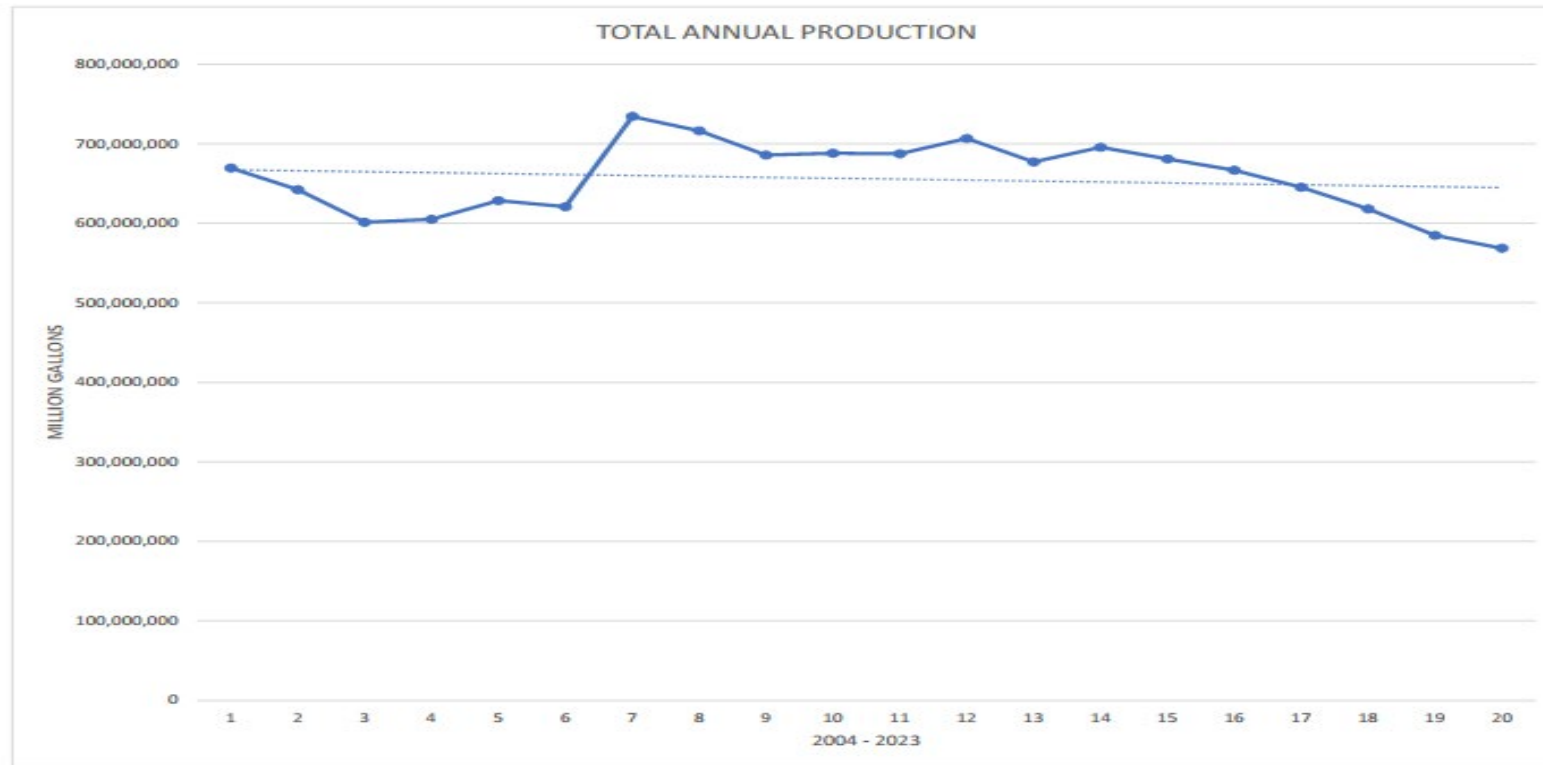
- JUNE OF 2023 WATER PRODUCTION 41,875,000 GALLONS
- 2009 SINGLE MONTH LOWEST PRODUCTION WAS 47,448,000 GALLONS
- WHEN TRACKING PRODUCTION RATES OVER THE YEARS 1996 SEEMS TO BE THE MAGIC YEAR FOR DRAMATIC INCREASE IN PRODUCTION

	MIN GPD	MAX GPD	MIN MONTHLY FLOW	MAX MONTHLY FLOW	TOTAL ANNUAL FLOW	AVG
2004	1.46	1.990	51,719,700	60,280,000	669,548,800	55.795
2005	0.819	1.948	51,171,000	58,099,000	642,168,000	53.514
2006	1.418	1.849	47,563,000	52,013,000	601,335,000	50.111
2007	1.218	1.958	48,511,000	53,017,000	604,962,000	50.413
2008	1.415	1.865	49,653,000	54,539,000	628,504,000	52.375
2009	0.687	1.902	47,448,000	55,241,000	620,896,500	51.741
2010	1.275	2.217	51,126,000	67,429,000	734,334,000	61.195
2011	1.327	2.117	55,588,000	69,282,000	716,222,000	59.685
2012	0.416	2.039	53,011,000	61,876,000	685,765,000	57.147
2013	1.178	2.012	53,988,000	59,649,000	688,024,000	57.335
2014	1.183	2.075	53,363,000	61,153,000	687,412,000	57.284
2015	1.251	2.238	55,721,000	62,189,000	706,633,000	56.430
2016	1.485	2.065	54,195,000	61,026,000	677,164,000	58.886
2017	1.534	2.155	52,618,000	62,634,000	695,581,000	57.965
2018	0.998	2.027	52,875,000	61,406,000	680,970,000	56.748
2019	1.393	2.007	51,959,000	59,636,000	666,648,000	55.554
2020	1.376	1.908	49,852,000	55,159,000	645,180,000	53.765
2021	0.703	1.922	48,544,000	57,957,000	618,015,000	51.501
2022	0.894	1.801	47,331,000	54,843,000	584,756,000	48.730
2023	1.189	1.738	41,875,000	50,762,000	568,666,000	47.388

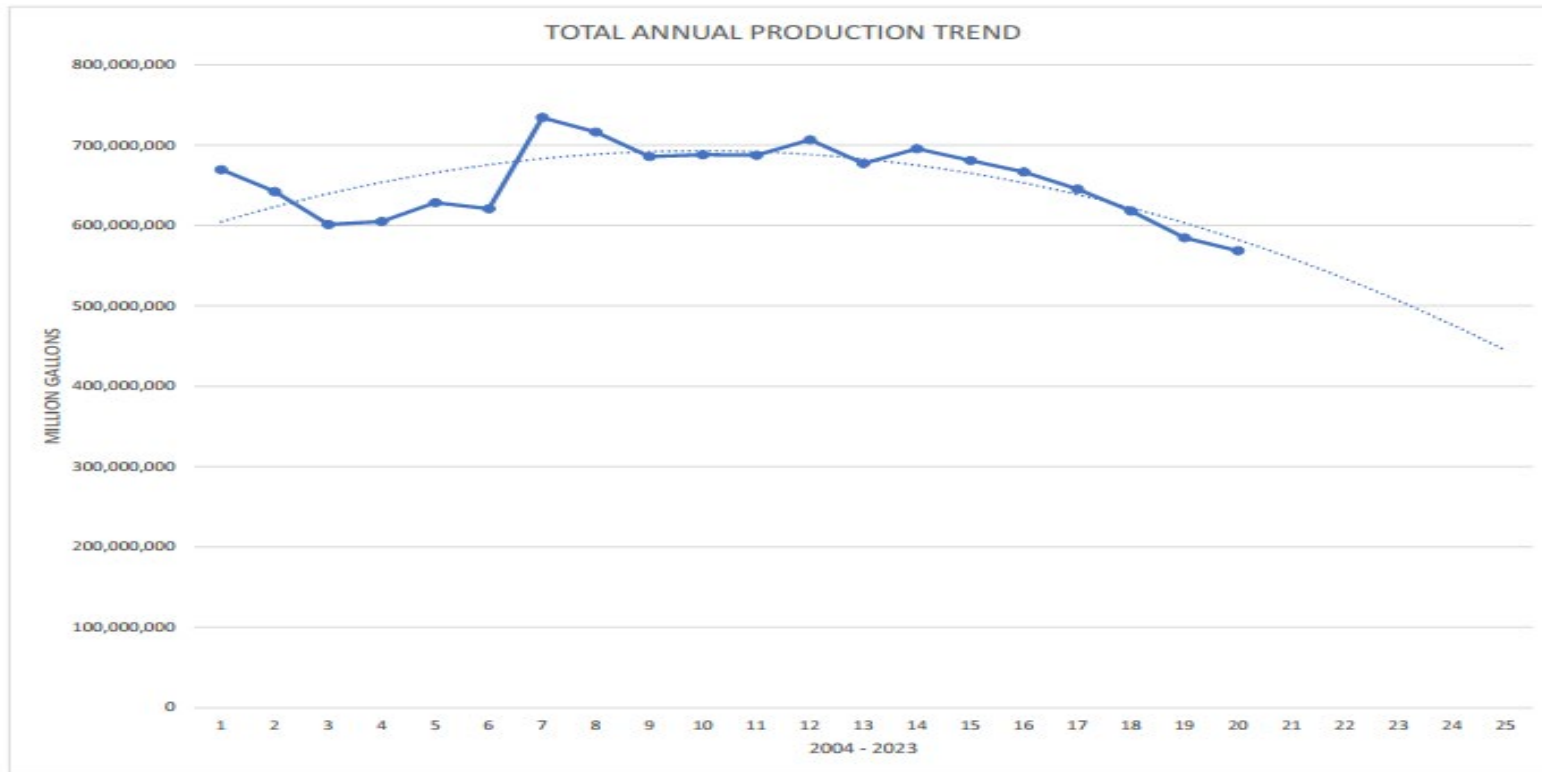
20 YEAR AVERAGE MONTHLY PRODUCTION



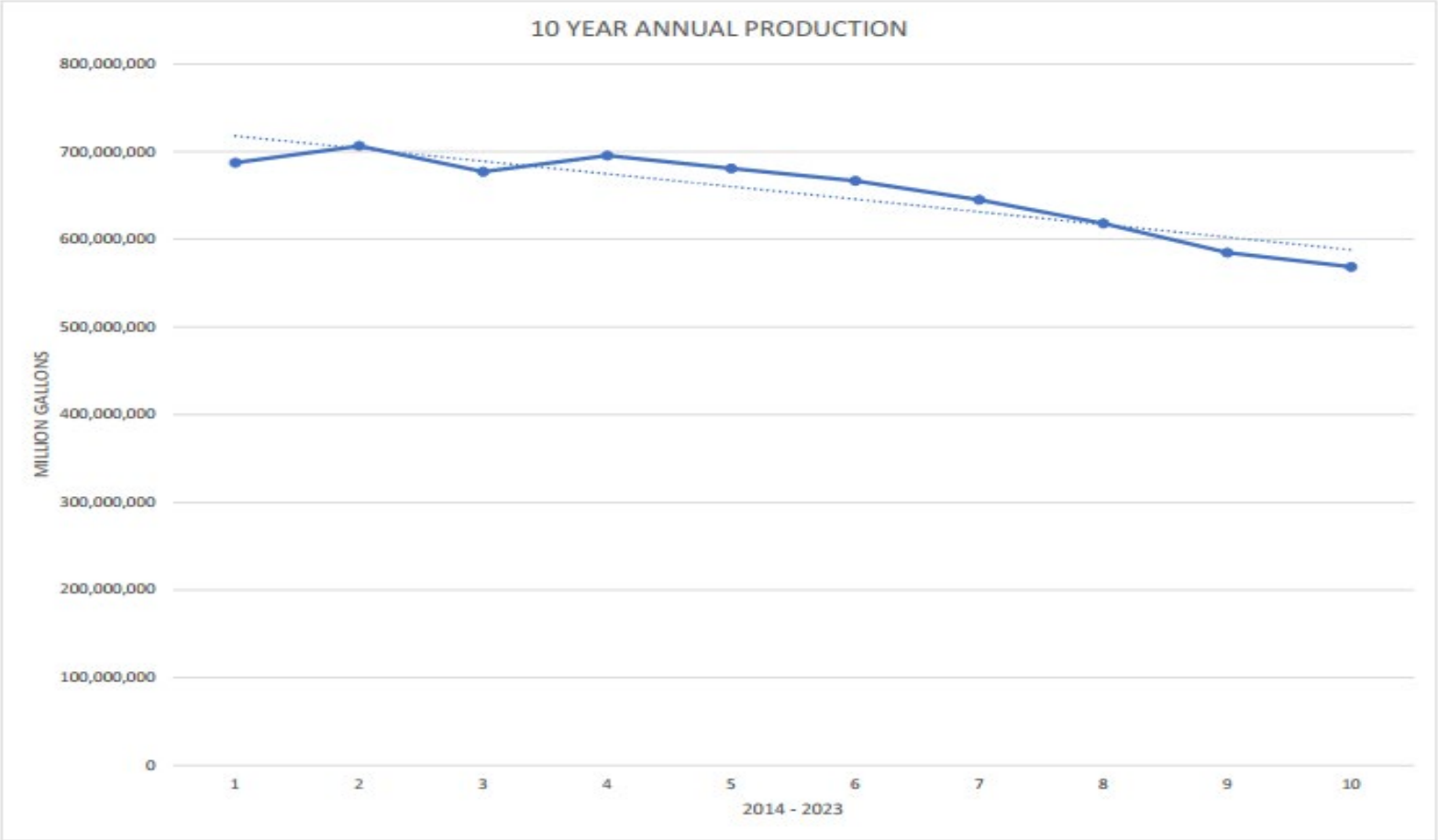
20 YEAR ANNUAL PRODUCTION

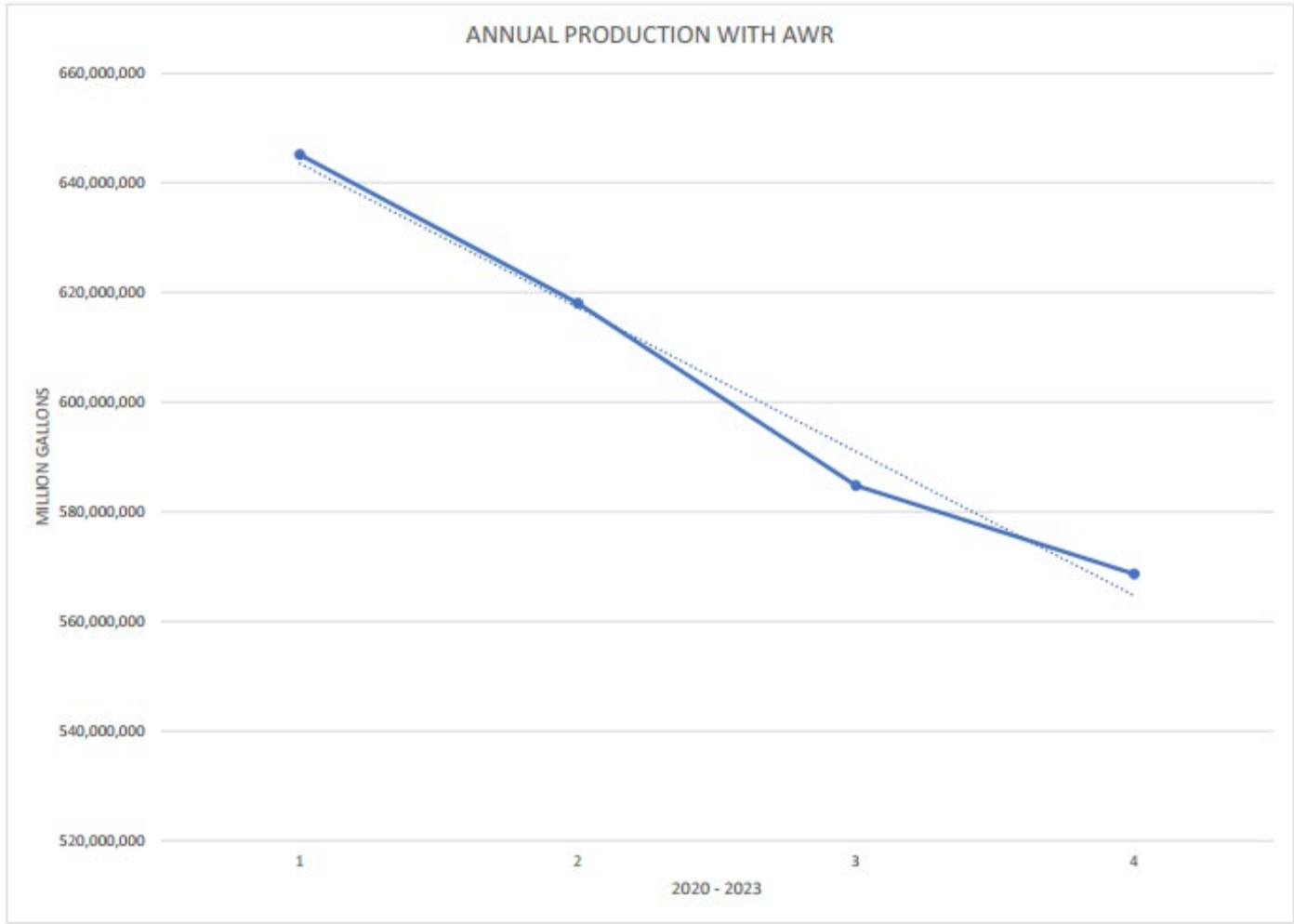


CURRENT 25 YEAR PRODUCTION TREND



10 YEAR PRODUCTION





WATER LOSS THROUGH THE YEARS WITH AWR

MONTH	PRODUCTION	CONSUMPTION	OTHER KNOWN USE	LOSS
2020				
JAN	56,546,000	14,830,000	828,000	72%
FEB	50,284,000	12,846,000	699,000	73%
MAR	53,702,000	11,651,000	732,000	77%
APR	52,441,000	12,727,000	806,000	74%
MAY	54,077,000	15,431,000	745,000	70%
JUN	52,524,000	13,154,000	734,000	74%
JUL	54,433,000	19,448,000	900,000	63%
AUG	55,159,000	15,005,000	905,000	71%
SEPT	53,436,000	13,425,000	904,000	73%
OCT	55,673,000	15,610,000	829,000	70%
NOV	53,448,000	16,818,000	872,000	67%
DEC	55,505,000	13,028,000	987,000	75%
TOTAL	647,228,000	173,973,000	9,941,000	72%
2021				
JAN	59,453,000	12,255,000	878,000	78%
FEB	49,582,000	12,790,000	744,000	73%
MAR	55,257,000	11,678,000	848,000	77%
APR	50,859,000	13,070,000	911,000	73%
MAY	52,395,000	14,355,000	955,000	71%
JUN	50,619,000	16,136,000	1,126,000	66%
JUL	52,152,000	13,937,000	1,160,000	71%
AUG	54,175,000	13,141,000	1,226,000	73%
SEPT	51,326,000	17,268,000	879,000	65%
OCT	54,261,000	8,448,000	610,000	83%
NOV	52,900,000	14,015,000	971,000	72%
DEC	55,333,000	10,570,000	785,000	79%
TOTAL	638,312,000	157,663,000	11,093,000	74%
2022				
JAN	52376000	13531000	984000	72%
FEB	50301000	12437000	954000	73%
MAR	54170000	12399000	961000	75%
APR	50411000	13922000	907000	71%
MAY	51788000	17117000	1118000	65%
JUNE	50170000	13638000	1048000	71%
JULY	50568000	13381000	815000	72%
AUGUST	54843000	12413000	916000	76%
SEPTEMBER	51011000	13890000	781000	71%
OCTOBER	50976000	10420000	851000	78%
NOVEMBER	48144000	12064000	1361000	72%
DECEMBER	59756000	12429000	0	79%
TOTAL	624,514,000	157,641,000	10,696,000	73%
2023				
JAN	52376000	13531000	984000	72%
FEB	50301000	12437000	954000	73%
MAR	50762000	10040000	879000	78%
APR	46018000	16586000	469000	63%
MAY	47131000	14714000	429000	68%
JUNE	41875000	15401000	457000	62%
TOTAL	288,463,000	82,709,000	4,172,000	70%

CURRENT TRACK

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

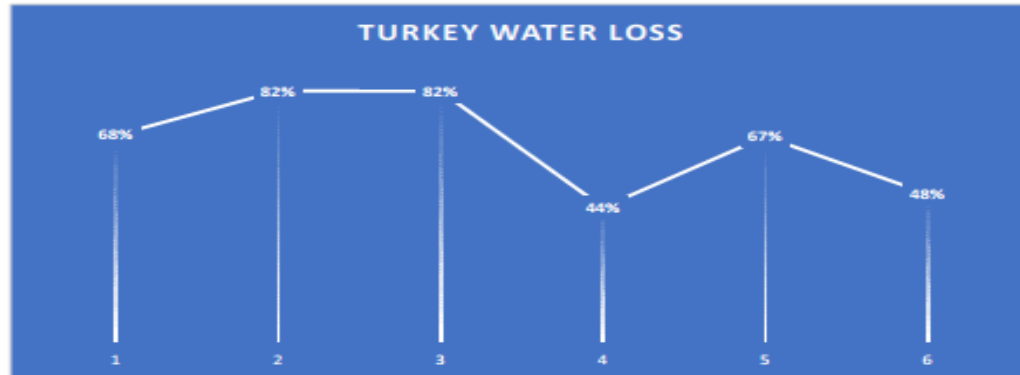
Water Utility:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	41,875
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	41,875
5	WATER SALES	
7	Residential	10,668
8	Commercial	3,047
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	1,686
13	Other Sales (explain)	
14	TOTAL WATER SALES	15,401
15	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	457
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	457
23	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	26,017
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	26,017
32	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
33	WATER LOSS PERCENTAGE	
34	(Line 31 divided by Line 4)	62.13%

MAY					
LAST READING	4358131	DATE	METER READING	PRODUCTION IN GALLONS	AVERAGE/WEEK
CUSTOMER COUNT	202	5/3/2023	4658071	299,940	408,232
		5/10/2023	4987330	329,259	
		5/17/2023	5345174	357,844	
		5/24/2023	5710903	365,729	
		5/31/2023	6399290	688,387	
		TOTAL PRODUCTION		2,041,159	
		TOTAL CONSUMPTION		672,440	
		WATER LOSS		67%	
JUNE					
LAST READING	6399290	DATE	METER READING	PRODUCTION IN GALLONS	AVERAGE/WEEK
CUSTOMER COUNT	202	6/7/2023	6770229	370,939	372,100
		6/14/2023	7158302	388,073	
		6/21/2023	7522018	363,716	
		6/28/2023	7887690	365,672	
		TOTAL PRODUCTION		1,488,400	
		TOTAL CONSUMPTION		769,230	
		WATER LOSS		48%	
JULY					
LAST READING	7887690	DATE	METER READING	PRODUCTION IN GALLONS	AVERAGE/WEEK
CUSTOMER COUNT		7/5/2023	8300043	412,353	(1,971,923)
		7/12/2023	8734749	434,706	
		7/19/2023		(8,734,749)	
		7/26/2023		-	
		TOTAL PRODUCTION		(7,887,690)	
		TOTAL CONSUMPTION			
		WATER LOSS		100%	

DM4 (Turkey Creek)	MONTHLY PRODUCTION	WEEKLY PRODUCTION	DAILY PRODUCTION	CONSUMPTION	WATER LOSS
2022					
January	3,181,171	795,293	113,613	864,540	73%
February	3,040,382	760,096	108,585	897,510	70%
March	3,481,597	696,319	99,474	616,740	82%
April	3,483,669	870,917	124,417	665,270	81%
May	3,055,865	763,966	109,138	825,370	73%
June	5,040,627	1,008,125	144,018	731,380	85%
July	3,377,925	844,481	120,640	991,430	71%
August	6,093,688	1,523,422	217,632	691,520	89%
September	3,307,924	826,981	118,140	712,590	78%
October	3,218,456	804,614	114,945	508,920	84%
November	3,226,741	645,348	92,193	751,590	77%
December	3,542,191	885,548	126,507	665,170	81%
2023					
January	2,950,560	737,640	105,377	957,530	68%
February	3,048,035	762,009	108,858	547,450	82%
March	3,400,406	680,081	97,154	613,010	82%
April	1,325,893	331,473	47,353	743,503	44%
May	2,041,159	408,232	58,319	672,440	67%
June	1,488,400	372,100	53,157	769,230	48%



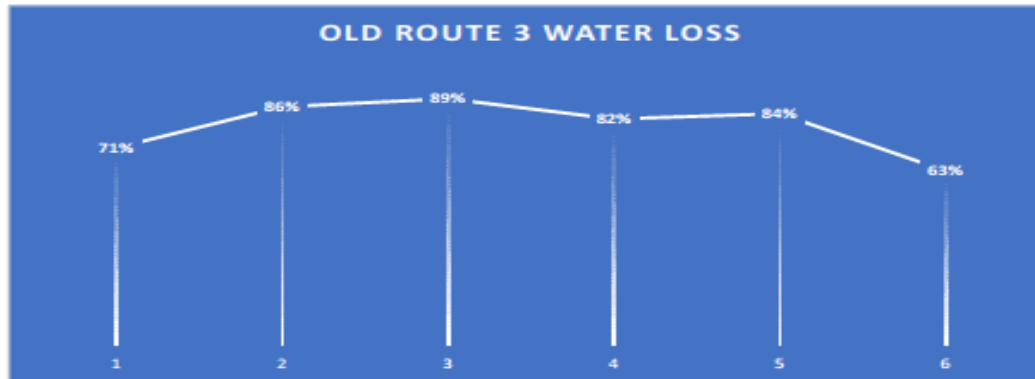
Notes

Monthly Loss is 719,170 Gallons

Daily Loss is 23,972 Gallons

16.7gpm is the Current Loss. (Most likely several small leaks)

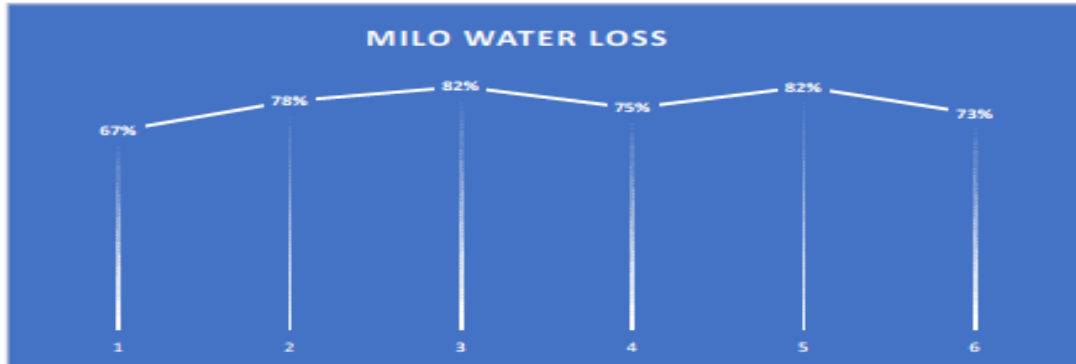
DM8 (292)	MONTHLY PRODUCTION	WEEKLY PRODUCTION	DAILY PRODUCTION	CONSUMPTION	WATER LOSS
2022					
January	4,168,883	1,042,221	148,889	848,120	80%
February	3,957,392	989,348	141,335	773,100	80%
March	4,072,174	814,435	116,348	625,240	85%
April	2,841,821	710,455	101,494	763,240	73%
May	2,274,713	568,678	81,240	823,510	64%
June	3,947,193	789,439	112,777	761,100	81%
July	2,283,381	570,845	81,549	792,630	65%
August	5,561,563	1,390,391	198,627	744,500	87%
September	3,552,270	888,068	126,867	1,069,760	70%
October	3,133,580	783,395	111,914	505,470	84%
November	3,194,452	638,890	91,270	622,170	81%
December	3,254,686	813,672	116,239	703,570	78%
2023					
January	3,457,715	864,429	123,490	989,570	71%
February	3,847,733	961,933	137,419	532,760	86%
March	5,029,887	1,005,977	143,711	548,130	89%
April	3,744,443	936,111	133,730	683,560	82%
May	3,779,004	755,801	107,972	616,190	84%
June	2,046,936	511,734	73,105	756,900	63%



Notes

Monthly loss is 1,290,036 gallons
 Daily loss is 43,001 gallons
 29.86 gpm loss (Most likely several small leaks, could be one large leak)

DMS (292)	MONTHLY PRODUCTION	WEEKLY PRODUCTION	DAILY PRODUCTION	CONSUMPTION	WATER LOSS
2022					
January	1,535,847	383,962	54,852	472,530	69%
February	146,832	36,708	5,244	408,790	-178%
March	2,014,832	402,966	57,567	346,570	83%
April	2,186,320	546,580	78,083	376,240	83%
May	1,778,069	444,517	63,502	449,710	75%
June	2,356,487	471,297	67,328	434,740	82%
July	1,721,624	430,406	61,487	445,690	74%
August	4,802,505	1,200,626	171,518	422,690	91%
September	2,594,037	648,509	92,644	494,050	81%
October	2,319,855	579,964	82,852	308,840	87%
November	2,123,368	424,674	60,668	454,200	79%
December	1,604,684	401,171	57,310	497,050	69%
2023					
January	1,512,066	378,017	54,002	492,360	67%
February	1,449,303	362,326	51,761	325,970	78%
March	1,543,252	308,650	44,093	271,750	82%
April	1,364,695	341,174	48,739	339,240	75%
May	1,760,186	440,047	62,864	311,620	82%
June	1,533,429	383,357	54,765	410,480	73%



Notes

Monthly loss is 1,122,949 gallons
 Daily loss is 37,431 gallons
 26 gpm leak. (Most likely several small leaks)

MARTIN COUNTY WATER DISTRICT 5 YEAR CAPITAL ITEMS						
CAPITAL PROJECTS IN GRANT PROCESS	PRIORITY	GRANT PORTAL YEAR	CONSTRUCTION YEAR	COST	FUNDING SOURCE	COMMENTS
40E SERVICE LINE REPLACEMENT AND 6" ABANDONMENT	1	2023		\$ 760,000	IN GRANT PORTAL	MOVING 50+ CUSTOMERS TO NEWER 10" LINE AND ELIMINATING OLD 6" LINE THAT IS BELIEVED TO BE LEAKING
TURKEY WATER LINE REPLACEMENT	2	2023		\$ 6,522,000	IN GRANT PORTAL	REPLACING LINE FROM THE WATER PLANT TO THE TURKEY TANK. THIS LINE HAS HAD MULTIPLE LEAKS OVER THE YEARS AND IS A CRITICAL POINT FOR A LARGE SERVICE AREA IN THE SYSTEM.
COLDWATER LINE REPLACEMENT	2	2023		\$ 5,419,000	IN GRANT PORTAL	UP TO 4 WATER LINES IN THE SAME AREA WITH MANY WEAK POINTS
WATER PLANT CLARIFIER #1 REHAB	1	2020	2023	\$ 250,000	AML	THIS PROJECT WILL BE COMPLETED AS PART OF A LARGER PROJECT CURRENTLY UNDERWAY. RAKE DRIVE BEARING IS OUT.
TURKEY STORAGE TANK REHAB	1	2023		\$ -	IN GRANT PORTAL	TANK IS ONE OF THE OLDEST AND IN THE WORST CONDITION IN OUR SYSTEM
Project 113-19-03 Replace Existing Mainline, Water Meters, Service Lines, Valves & Hydrants in the Warfield Area	3	2019		\$ 1,260,858	AML	EXISTING PROJECT BEING SOON
Projects 113-19-05 & 113-19-06 Rehabilitation of Otto Brown Booster Station, Line replacement to Middlefork Tank, Upgrade of Davella Booster Station	1	2019 Scope changed 2022		\$ 750,000		REPLACING EXISTING UNDERGROUND BOOSTER STATION IN THE SYSTEM TO ASSIST IN PROVIDING WATER TO THE AIRPORT, PRISON AND DAVELLA REGION.
FEMA BACKUP GENERATOR PROJECT	1	2022		\$ 1,320,000	FEMA	WILL BE GENERATOR AT REC AND FEW BOOSTER STATIONS AND THE RAW WATER INTAKE
METER REPLACEMENT PROJECT	1	2023		\$ 2,000,000	IN GRANT PORTAL	REDUCE WATER LOSS, EFFICIENCY IN OPERATIONS AND ELIMINATION OF HUMAN ERROR IN METER READING
HIGH SCHOOL PUMP STATION CHECK VALVE	3	2022		\$ 70,000.00		ENFORCE THE DISTRICT TO USE THE HIGH SCHOOL TANK TO PROVIDE WATER TO OTHER AREAS OF THE SYSTEM BESIDES THE HIGH SCHOOL
TOTAL				\$ 21,851,858		

CRITICAL NEEDS AND CIP

MARTIN COUNTY WATER DISTRICT CAPITAL ITEMS				
PROJECTS NOT IN GRANT PROCESS	PRIORITY	YEAR	COST	COMMENTS
INEZ WATER LINE AND VALVE REPLACEMENT	1		\$ 5,318,000.00	OLDEST SECTION OF THE SYSTEM CONSISTING OF AC LINE AND OLD SERVICES. 90% WATER LOSS
DISTRIBUTION BUILDING AND PIPE YARD	3		\$ 897,000.00	CURRENT STAFF USE THE WATERPLANT PARKING LOT FOR STORAGE OF VEHICLES AND PARTS. THE CURRENT EQUIPMENT AND VEHICLES ARE LEFT IN THE ELEMENTS WHICH CAUSE DAMAGE OVER TIME
292 BOOSTER STATION AND WATER LINE REPLACEMENT	1		\$ 9,293,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL. A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
BIG ELK WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2		\$ 2,433,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL. A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
BUFFALO HORN WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2		\$ 2,185,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL AND THE CHECK VALVES HAVE FAILED. THIS AREA CURRENTLY HAS 65% WATER LOSS AND A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
645 WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 1,255,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. THIS STATION NEEDS EQUIPPED WITH A MASTER METER FOR LEAK DETECTION IN THIS AREA.
WOLF CREEK/PIGEON ROOST WATER LINE REPLACEMENT	2		\$ 1,315,000.00	THE WATER LINE IN THIS AREA IS SUBJECT TO MULTIPLE BREAKS EACH YEAR AND CURRENTLY HAS 60% WATER LOSS. NEW LINE IN THIS AREA WITH VALVES WILL REDUCE WATER LOSS AND AID IN LEAK DETECTION IN OTHER LARGE PORTIONS OF THE SYSTEM.
MEATHOUSE WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 7,652,000.00	THIS WATER LINE IS THE FARTHEST AWAY FROM THE SYSTEM AND AN AREA THAT HAS SHOWN POTENTIAL FOR DBP ISSUES. THE BOOSTER STATION ONLY HAS ONE OPERATIONAL PUMP THAT MUST BE MANUALLY OPERATED CAUSING OPERATIONAL ISSUES. THIS STATION IS SUBJECT TO MULTIPLE POWER OUTAGES AND HAS NOT BACKUP POWER.
RODE WATER LINE REPLACEMENT	2		\$ 5,225,000.00	THIS AREA HAS BEEN SUBJECT TO MULTIPLE LEAKS. IT CURRENTLY
CASSELL BRANCH WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 1,574,000.00	
CREEK CROSSING REPLACEMENT	2		\$ 1,000,000.00	
VALVE INSERTION	2		\$ 750,000.00	VALVE VALVES IN THE SYSTEM ARE INOPERABLE AND IN NEED OF REPLACEMENT. ADDITIONALLY, VALVES ARE NEEDED FOR CONTINUED LEAK DETECTION
WATER PLANT HIGH SERVICE PUMP REPLACEMENT	1		\$ 850,000.00	BOTH PUMPS HAVE BEEN IN SERVICE FOR A LONG TIME AND ARE IN MUCH NEED OF REPLACEMENT
PASSENGER TRUCK 4X4	1	2024	\$ 60,000.00	CURRENT VEHICLES ARE INOPERABLE
1 ton 4x4 tool truck with Hoist, Generator, and Compressor	1	2023	\$ 120,000.00	CURRENT TRUCK IS OWNED BY SANITATION DISTRICT
ROAD BORE MACHINE	1		\$ 15,000.00	WOULD ALLOW THE DISTRICT TO DOT/DOWN TAPS AND BORES FOR WATER LINE INSTEAD OF CONTRACTING IT OUT.
ONLINE TURBIDIMETERS AND CONTROLLER	2		\$ 22,626.00	CURRENT TURBIDIMETERS ARE OBSOLETE
BIG LICK WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3		\$ 1,877,000.00	
PETER CAVE WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3		\$ 1,457,000.00	
KERMIT WATER LINE CONNECTION				
TOTAL			\$ 43,305,626.00	

MARTIN COUNTY WATER DISTRICT ANNUAL CAPITAL ITEMS			
RECURRING PROJECTS	YEAR	COST	COMMENTS
10% METER REPLACEMENT	ANNUALLY	\$ 80,000.00	AS REQUIRED BY PSC
TANK INSPECTIONS/CLEANING	ANNUALLY	\$ 7,000.00	1 TANK PER YEAR SHOULD HAVE THEM INSPECTED EVERY 10 YEARS
VEHICLE REPLACEMENT	ANNUALLY	\$50,000.00	ROUTINE FLEET MAINTENANCE AND CHANGE OUT NOT EQUIPMENT EXPENSE
TOTAL		\$ 137,000.00	

Water System Improvements Project Status Update

Martin County Water District

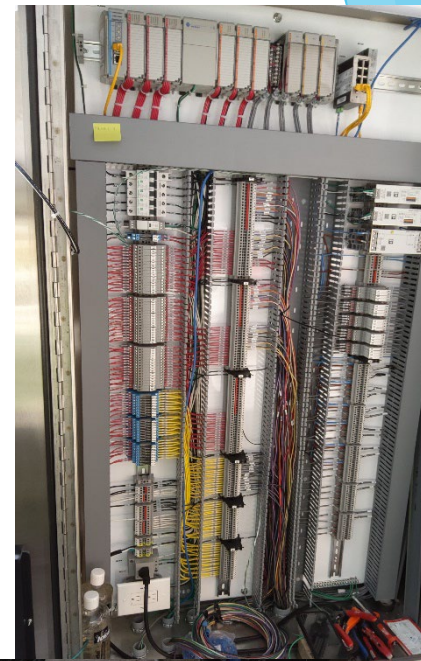
July 14, 2023

Projects Under Construction

WTP/RWI Improvements

► Work This Quarter:

- Completed Installation of Generator Transfer Switch
- Set and Wired-Up Generator
- Grouted & Backfilled the Backwash Gullet of Unit 1
- Completed Permanent Power Switch-over at RWI
- Completed new Chemical Injection Assembly
- Installed Remaining Hardware & Handrails at RWI



Project to Utilize Remaining ARC Funds

Kentucky 292 South Pumping Station & 292 South Tank Telemetry

► Need for the Project:

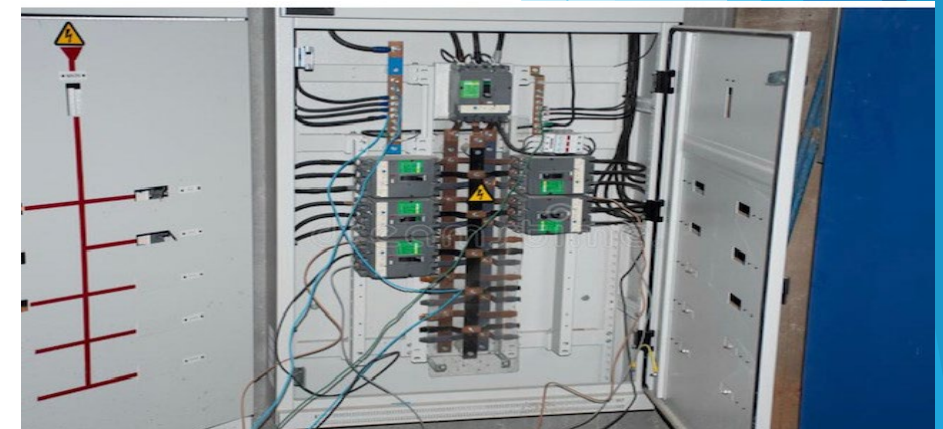
- ARC project has \$85,832 in unspent funds.
- Neither the Pumping Station nor Water Storage Tank it pumps to have operating telemetry.

► Major Items of Work:

- A solar powered tank site PLC-RTU with panel, coax & antenna
- A pump station PLC-RTU with panel, coax & antenna
- Level sensor for monitoring tank level
- Mechanical/Electrical Improvements to the Pumping Station

► Project Status:

- Design is complete. Project is ready for bidding.



Designed Projects

Mainline, Service Line, Meter Replacement In the Warfield Area

- ▶ **Project will Replace the following in the Warfield Area:**
 - Existing Mainline
 - Existing Meters & Service Line
 - Existing Valves & Hydrants

- ▶ **Status:**
 - Permits and Approvals (DOW, KYTC, Floodplain Management, Corps of Engineers, AML, etc.) required for construction were previously obtained.
 - \$1.5M in Additional Project Funding through the Corps of Engineers is now available. Project is ready for rebid. Plans and specifications are being sent to the Corps of Engineers with a request to readvertise the project.



Projects in Design

USP Big Sandy, Eastern Kentucky Business Park & Big Sandy Airport Water Improvements

▶ Components Remaining in Project from Original Scope

- Upgrade of the Existing Davella Pump Station. Construct Master Meter & Booster Chlorination.

▶ Proposed Revised Scope Components:

- Relocate the proposed Pump Station so that it replaces the existing Otto Brown Station. This station is beyond its useful life and subject to confined space constraints.
- Replace existing waterline in the vicinity of the Otto Brown Station that is subject to leaks.
- Provide Modifications to the Middle Fork Tank rather than construct a new tank.

▶ Project Status:

- All water lines have been designed. Pump Station designs are being finalized.



High School Pump Station/Tank Piping Modifications

▶ Construct Valve Vault and Check Valve

- Install Valve Vault and Check Valve to allow District to feed additional service areas with the High School Water Storage Tank.

▶ Project Status

- Design will be reviewed by the District and Constructed when Funding is Available.

FEMA Backup Generator Project

▶ **Project includes the following:**

- One Generator to operate 750-HP VFD Controlled RWI Pump
- Two Generators to operate 60-HP VFD Controlled Pumping Stations

▶ **Project Status:**

- The project has been approved by FEMA with a budget of \$1,320,000.
- Project design was approved to move forward on May 24th and is underway.



KYTC Utility Projects Awaiting Funding

KYTC Projects

▶ Hunters Lane Utility Relocation:

- Relocation of existing waterline to facilitate construction of a new bridge for the KYTC Bridging Kentucky Program

▶ KY 908 Guardrail:

- Relocation of existing 14” waterline along Route 908 to facilitate installation of new guardrail.

▶ Sester Branch Utility Relocation:

- Relocation of existing waterline to facilitate construction of a new bridge. Documents under review by KYTC.

▶ Kentucky 40 at Buck Creek :

- Relocation of existing waterline to facilitate construction of new bridges/culverts. Scope of work being finalized with KYTC.



Projects in Planning

Opinions of Probable Project Cost Prepared

- ▶ 40 East Water Improvement Project
- ▶ Coldwater Water Improvement Project
- ▶ Old Route 3 Water Improvement Project
- ▶ Water Treatment Plant to Turkey Tank Water Improvement Project
- ▶ Meter Replacement Project
- ▶ Turkey Water Storage Tank Rehabilitation/Painting
- ▶ Spicy Mountain Booster Pump Station and Water Line Extension Project
- ▶ Inez Water Line & Valve Replacement
- ▶ Distribution Building & Pipe Yard
- ▶ 292 Booster Station & Water Line Replacement
- ▶ Big Elk Water Line Replacement & Booster Station Rehabilitation



Opinions of Probable Project Cost Prepared

- ▶ Buffalo Horn Water Line Replacement & Booster Station Rehabilitation
- ▶ 645 Water Line Replacement & Booster Station Rehabilitation
- ▶ Wolf Creek/Pigeon Roost Water Line Replacement
- ▶ Meathouse Water Line Replacement & Booster Pump Station Rehabilitation
- ▶ Meter Replacement Project
- ▶ Hode Water Line Replacement
- ▶ Cassell Branch Water Line Replacement & Booster Pump Station Rehabilitation
- ▶ Creek Crossing Replacement
- ▶ Valve Insertion
- ▶ Water Plant High Service Pump Replacement
- ▶ Big Lick Water Line Replacement & Booster Pump Station Rehabilitation
- ▶ Peter Cave Water Line Replacement & Booster Pump Station Rehabilitation





Questions?