

**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
APPLICATION FOR A WATER ALLOCATION PERMIT**

VIOLATIONS ARE SUBJECT TO PENALTY PROVIDED BY 7 DEL. C. CHAPTER 60

MAIL TO:

OFFICIAL USE ONLY:

WATER ALLOCATIONS BRANCH
DNREC - DIVISION OF WATER
89 KINGS HIGHWAY
DOVER, DE 19901
(302) 739-9945
<http://www.dnrecstate.de.us>

DNREC ALLOCATION NO. 87-0009
DRBC DOCKET NO. D-83-22 CP

PLEASE TYPE OR PRINT



1. Owner Name *Town of Milton*
Address *115 Federal Street*
City *Milton* State *DE* Zip *19808* Phone # *302-684-4110*
Email *jkersey@ci.milton.de.us* (*James Kersey, Water Superintendent*)
2. Project Name *Water Allocation Update and Well 9 (Federal St)*
Address *115 Federal Street*
City *Milton* State *DE* Zip *19808* Phone # *302-684-4110*
3. Date of Application *1/30/2024*
4. Name, address, and telephone # of geologist (or engineer):
Pennoni
Christiana Executive Campus
121 Continental Drive, Suite 207
Newark, DE 19713
5. Attach a map (USGS 7 1/2-minute quadrangle only) with clearly marked locations of all facilities (wells, streams, and pond intakes). Applications for irrigation systems must also show the acreage served by each facility. All applications must show, if applicable, the locations of service areas, water tanks, interconnections, and property/corporate boundaries.
6. Purpose (check): Public Industrial Process Industrial Cooling Irrigation Commercial Contaminant /Recovery Other _____
7. Facility information: (attach additional sheet(s) if needed)

A. Facility Local ID	B. Facility Permit No.	C. Maximum Pump Capacity (GPM)	D. Maximum Use (GPD)	E. Acreage Total/ Irrigated
<i>Well 2 - 31433</i>	<i>87-009A-R2M</i>	<i>250</i>	<i>360,000</i>	<i>N/A</i>
<i>Well 4 -52308</i>	<i>87-009A-R2M</i>	<i>260</i>	<i>374,000</i>	<i>N/A</i>
<i>Well 5 - 52309</i>	<i>87-009A-R2M</i>	<i>260</i>	<i>374,000</i>	<i>N/A</i>
<i>Well 7 - 224973</i>	<i>87-009A-R2M</i>	<i>400</i>	<i>550,000</i>	<i>N/A</i>
<i>Well 8 - 265-497</i>	<i>87-009A-R2M</i>	<i>150</i>	<i>216,000</i>	<i>N/A</i>
<i>Well 9 - TBD</i>	<i>87-009A-R2M</i>	<i>500</i>	<i>720,000</i>	<i>N/A</i>

Note:

Current production comes from 2, 4, and 7. Future production is expected to add Well 9 once the well and WTP are constructed and operational.

See the attached emergency response plan prepared and adopted by the Town of Milton.
Per 215-1 of the Town Code "The Town Manager or designee shall be and is hereby authorized to issue an order directing that water shall not be used for washing vehicles or sprinkling of streets, grass, shrubs, or gardens in the event of a shortage of water or if an emergency exists."

A. Identification of all priority uses for water throughout the system or service area, priority locations, water usage restriction schedules, implementation procedures, and any alternate sources of water.
Priorities for services are fire, schools, and residences. Priorities for operations are the Chandler Street wells and treatment facility for production and treatment to provide potable water.
Water use restriction begin with reduction for irrigation of lawns and non-agricultural production. Customers would be notified through the Town alert system or by mailer with their utility bill and through website postings.
There is no interconnection for other water sources outside of the Towns well production, Therefore any additional water would need to be delivered from a separate source.

22. AFFIDAVIT

I, *James Kersey*, hereby affirm this application and any plans, reports, or documents submitted with this application to be true and correct to the best of my knowledge and belief.

Signature 
Date 1/30/24

SWORN TO AND SUBSCRIBED before me the 30th day of January A.D., 2024.

Stephanie L. Coulbourne
NOTARY PUBLIC

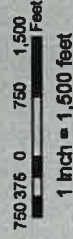
*Applications for withdrawal for agricultural irrigation are not required to be notarized.

STEPHANIE L. COULBOURNE
NOTARY PUBLIC
STATE OF DELAWARE
My Commission Expires 01/16/2026

Town of Milton, Delaware
Exhibit L: Town of Milton Water System Map
 Exhibit Revised June 2023

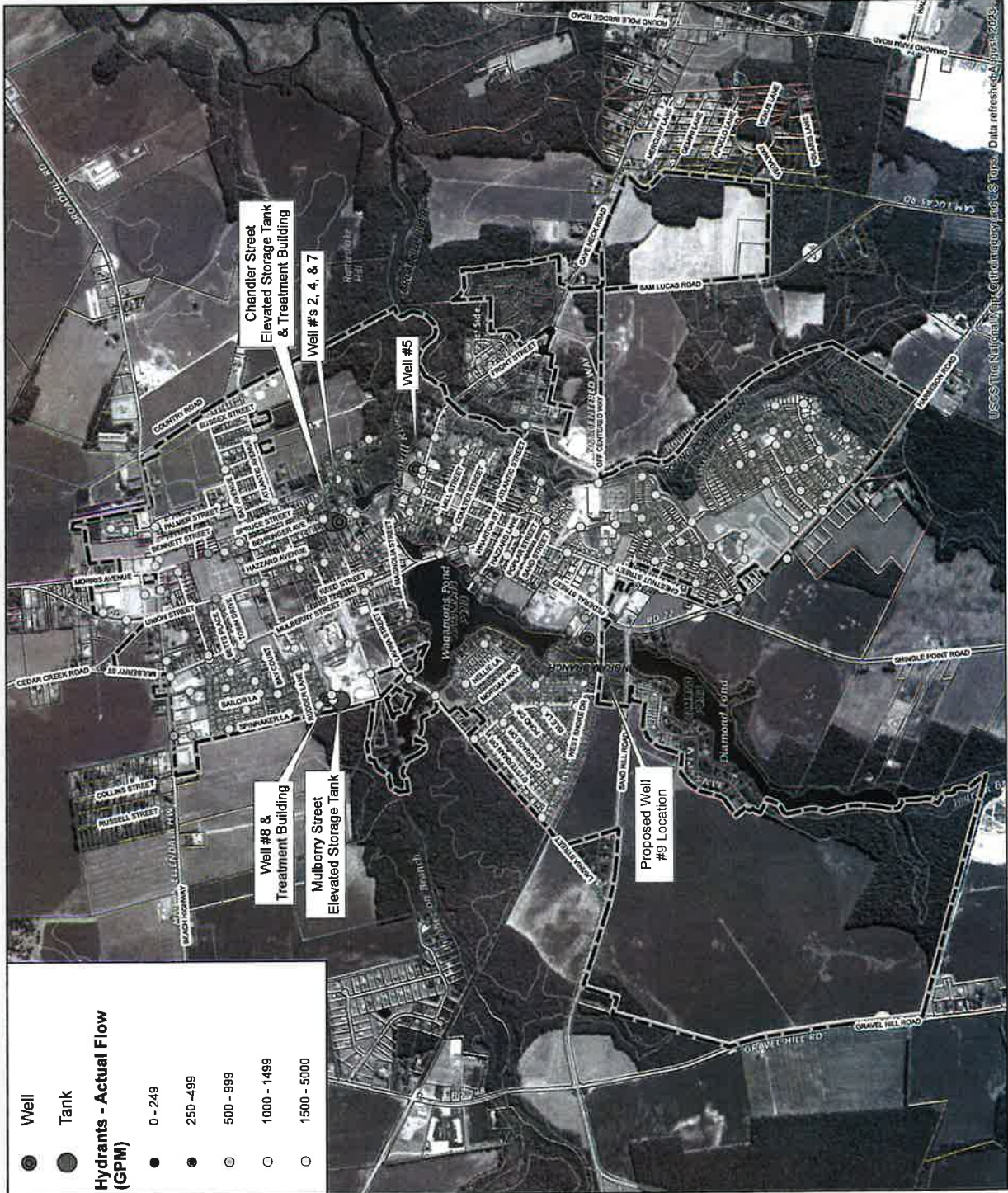
- Roads
- Railroads/Trails
- 4"
- 6"
- 8"
- 10"
- 12"
- Town Boundary
- Lake/Pond
- River/Stream
- Tax Parcels

Milton Comprehensive Plan 2018



Sources:
 2018 Hydrant Flow Tests: Town of Milton
 Water Mains: Town of Milton/Pennoni 2023
 Roads: Delaware DeDOT centerline file
 Tax Parcels: State of Delaware FirstMAP

Notes:
 This map is a depiction of the best available information provided by the sources listed. Pennoni does not guarantee the accuracy of the data shown. Users of this map shall be responsible for verifying all information.



USGS The National Map, Orthorectified US Topo. Data refreshing August 2023.



Town of Milton Well Data

Data		Wells					
Well		2	3	4	5	7	8
State Asgn ID No.		TP001		TP001	TP002		TP003
State Asgn ID No.		31433	10239	52308	52309	224973	265497
		47007		40293	50294		
DE Permit Number		87-009A-R2M		87-009A-R2M	87-009A-R2M	87-009A-R2M	
DRBC Docket		D-83-22-CP		D-83-22-CP	D-83-22-CP	D-83-22-CP	
DRBC Allocation	gpd	360,000		374,000	374,000	482,400	216,000
DRBC Allocation	MGM	10.8		11.2	11.2	14.5	6.5
Status		Active	Abandoned	Active	Active	Active	Active
Year Constructed		1974	1962	1982	1983	2008	2019
Street Location		Chandler St	Chandler St	Chandler St	Front St.	Chandler St	Mulberry St.
Coordinates	N/E						
Well Dia.	in	10	8	8	8	8	8
Well Depth	ft	67	81	520	560	90	475
Screened Interval	ft	47-67	62-81	420-470	420-460	70-90	420-470
Screen		Stainless Steel	Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Pump Type		Submersible		Submersible	Submersible	Submersible	Submersible
Pump Hp	Hp	15		20	20	20	30
Rated Capacity	gpm	250		260	260	492	150
Specific Capacity	2012				2.89		
Specific Capacity	2017	48.83					
Specific Capacity	2018				2.78	33.83	
Specific Capacity	2019	43.30		3.91	2.44	31.86	
Specific Capacity	2020	34.56		4.01	1.84	31.26	
Aquifer		Columbia		Federalsburg	Federalsburg	Columbia	Federalsburg
Allocation No.		87-0009A-R2M		87-0009A-R2M	87-0009A-R2M	87-0009A-R2M	87-0009A-R2M
DNREC Allocation	gpd	360,000		374,000	374,000	550,000	216,000
Drill Method		Mud Rotary		Mud Rotary	Mud Rotary	Mud Rotary	Mud Rotary
Well Driller		Shannahan Artesian Well Co		AC Schultes of Delaware	AC Schultes of Delaware	AC Schultes of Delaware	AC Schultes of Delaware
Pump Manufacturer		Goulds		Goulds	Aeromotor	Goulds	Goulds
Pump Model		225STS-3		5THC020	6SH225-4	7CLC020	5CHC 9Stage
S/N						18G19-23- 00259A	
Installed						2019	
Pump Diameter	in	6		5	6	7	
Pump Hp	Hp	10		20	20	20	30
Pump Rate	gpm	225			235	400	150
Setting Depth	ft	45		189	189	63	400
TDH	ft	138			235	180	471
Electric		230/3Ph		240/3Ph	240/3Ph	230/3Ph	460/3Ph





Delaware Health and Social Services
Division of Public Health Laboratory
30 Sunnyside Road
Smyrna, Delaware 19977

LIMS Report #:	1032618	Date Collected:	12/21/2023 11:27 am
Agency:	Office of Drinking Water	Date Received:	12/21/2023 2:33 pm
Label ID (Sample #):	S1263275 (1830657)	Collected By:	KOERKEL, JOHN
Property Owner/Facility:	DS001	Collector ID:	2714
PWSID:	DE0000629		
Water System Name:	MILTON WATER DEPARTMENT		
Sample Point:	TCR_RT	Sampled pH:	7.10
Sample Location:	210 FRONT ST US	Free Cl:	0.56
Sample Type:	RT	Total Cl:	0.71
Chlorination:	Chlorinated		

Specimen Note:

Test	Result	Final Date
Free Cl at time of analysis	<0.1 mg/L	12/22/2023
Collert - Total Coliforms	Absent	12/22/2023
Collert - E. coli	Absent	12/22/2023
Start Date and Time	12/21/2023 01:17:00 PM	12/22/2023
Stop Date and Time	12/22/2023 01:20:00 PM	12/22/2023



Delaware Health and Social Services
Division of Public Health Laboratory
30 Sunnyside Road
Smyrna, Delaware 19977

LIMS Report #:	1032816	Date Collected:	12/21/2023 10:46 am
Agency:	Office of Drinking Water	Date Received:	12/21/2023 2:32 pm
Label ID (Sample #):	S1263273 (1830652)	Collected By:	KOERKEL, JOHN
Property Owner/Facility:	DS001	Collector ID:	2714
PWSID:	DE0000629		
Water System Name:	MILTON WATER DEPARTMENT		
Sample Point:	TCR_RT		
Sample Location:	701 FEDERAL ST KS	Sampled pH:	7.10
Sample Type:	RT	Free Cl:	0.65
Chlorination:	Chlorinated	Total Cl:	0.82

Specimen Note:

Test	Result	Final Date
Free Cl at time of analysis	<0.1 mg/L	12/22/2023
Collert - Total Coliforms	Absent	12/22/2023
Collert - E. coli	Absent	12/22/2023
Start Date and Time	12/21/2023 01:17:00 PM	12/22/2023
Stop Date and Time	12/22/2023 01:20:00 PM	12/22/2023



Delaware Health and Social Services
Division of Public Health Laboratory
30 Sunnyside Road
Smyrna, Delaware 19977

LIMS Report #:	1032614	Date Collected:	12/21/2023 9:58 am
Agency:	Office of Drinking Water	Date Received:	12/21/2023 2:30 pm
Label ID (Sample #):	S1263271 (1830647)	Collected By:	KOERKEL, JOHN
Property Owner/Facility:	DS001	Collector ID:	2714
PWSID:	DE0000629		
Water System Name:	MILTON WATER DEPARTMENT		
Sample Point:	TCR_RT		
Sample Location:	321 MARINERS CIR OT	Sampled pH:	7.10
Sample Type:	RT	Free Cl:	0.60
Chlorination:	Chlorinated	Total Cl:	0.75

Specimen Note:

Test	Result	Final Date
Free Cl at time of analysis	<0.1 mg/L	12/22/2023
Colilert - Total Coliforms	Absent	12/22/2023
Colilert - E. coli	Absent	12/22/2023
Start Date and Time	12/21/2023 01:17:00 PM	12/22/2023
Stop Date and Time	12/22/2023 01:20:00 PM	12/22/2023



Delaware Health and Social Services
Division of Public Health Laboratory

30 Sunnyside Road
Smyrna, Delaware 19977

LIMS Report #:	1032612	Date Collected:	12/21/2023 9:20 am
Agency:	Office of Drinking Water	Date Received:	12/21/2023 2:29 pm
Label ID (Sample #):	S1263269 (1830643)	Collected By:	KOERKEL, JOHN
Property Owner/Facility:	DS001	Collector ID:	2714
PWSID:	DE0000629		
Water System Name:	MILTON WATER DEPARTMENT		
Sample Point:	TCR_RT		
Sample Location:	610 MULBERRY ST BS	Sampled pH:	7.10
Sample Type:	RT	Free Cl:	0.69
Chlorination:	Chlorinated	Total Cl:	0.85

Specimen Note:

Test	Result	Final Date
Free Cl at time of analysis	<0.1 mg/L	12/22/2023
Colilert - Total Coliforms	Absent	12/22/2023
Colilert - E. coli	Absent	12/22/2023
Start Date and Time	12/21/2023 01:17:00 PM	12/22/2023
Stop Date and Time	12/22/2023 01:20:00 PM	12/22/2023

MONTH DecemberYEAR 2023

②

	DATE	OPER	TIME	TOTAL GALLON FLUO	FLUO GPD USED	FLUO MG/L	TOTAL CHL INCHES	GPD CHL USED	TOTAL CHL RES.MG/L	FREE CHL RES.MG/L	PH	TEMP
8	1	AF	7:42	55240	10	1.1	39	8.12	1.17	.82	6.81	16.1
8	2	AF	8:30	55250	10	.7	38 ¹ / ₄	8.12	1.14	.81	6.82	16.8
8	3	SWK	8:44	55260	10	.9	37 ¹ / ₂	8.12	1.07	1.66	6.71	16.5
606	4	AF	8:26	55270	10	.8	36 ³ / ₄	8.12	2.11	1.05	6.82	19.5
8	5	AF	6:54	55280	10	.7	36 ¹ / ₈	6.77	1.12	.83	6.70	17.8
8	6	AF	7:42	55290	10	.9	35 ³ / ₈	8.12	1.12	.71	6.77	16.5
8	7	AF	7:50	55300	10	.9	34 ³ / ₄	6.77	1.11	.86	6.75	15.3
8	8	AF	7:51	55310	10	.8	34	8.12	1.01	.66	6.85	16.6
8	9	AF	12:11	55320	10	.8	33	10.83	.92	.68	6.82	18.2
538	10	AF	10:02	53330	10	.7	32 ¹ / ₄	8.12	2.03	.90	6.77	18.2
417	11	AF	8:51	53340	10	.6	31 ³ / ₄	5.42	2.20	1.33	5.82	18.8
8	12	AF	6:52	53350	10	.8	31 ¹ / ₄	5.42	1.11	.92	6.41	15.9
551	13	AF	7:55	53360	10	.8	31	2.71	1.47	.97	7.08	17.7
8	14	AF	7:58	53370	10	.8	30 ³ / ₈	6.77	1.09	.73	6.89	15.2
8	15	AF	8:10	53380	10	.8	29 ¹ / ₂	9.48	.84	.58	6.98	15.8
552	16	EPD	10:37	55390	10	.8	28 ¹ / ₂	10.83	1.42	.83	6.85	18.5
8	17	EPD	1:24	55400	10	.7	27 ⁷ / ₈	6.77	.98	.70	6.85	19.4
8	18	AF	8:02	55410	10	.8	27	9.48	.99	.78	7.00	17.7
562	19	AF	6:34	55420	10	1.1	26 ¹ / ₈	9.48	1.64	.83	6.78	17.2
553	20	AF	7:54	55430	10	1.0	25 ¹ / ₈	10.83	2.07	1.06	6.87	16.8
555	21	AF	7:51	55440	10	.8	24 ¹ / ₄	9.48	1.84	.96	7.10	17.4
564	22	AF	7:56	55450	10	.8	23 ³ / ₈	9.48	1.94	.94	6.92	17.9
553	23	SWK	10:20	55460	10	.8	22 ³ / ₈	10.83	1.47	.70	6.85	15.9
555	24	SWK	10:30	55480	20	.8	21 ¹ / ₂	9.48	1.16	.67	6.87	15.8
567	25	AF	11:00	55480	8	.8	20 ³ / ₄	8.12	2.04	.99	6.99	17.8
8	26	AF	9:01	55490	10	.7	20	8.12	1.01	.73	6.77	16.7
8	27	AF	9:16	55500	10	.7	19	10.83	1.02	.69	7.06	16.7
8	28	AF	8:00	55510	10	.8	60	—	1.34	1.05	6.82	16.7
8	29	AF	7:38	55520	10	.8	59 ⁵ / ₈	4.06	1.68	1.20	6.82	17.7
549	30	AF	11:51	55540	20	1.0	58 ¹ / ₂	12.19	2.10	1.65	6.70	17.9
550	31	AF	10:57	55550	10	1.0	57 ³ / ₄	8.12	2.20	1.71	6.77	17.7

MONTH November

YEAR 2023

well 8

DATE	OPER	TIME	TOTAL GALLON FLUO	FLUO GPD USED	FLUO MG/L	TOTAL CHL INCHES	GPD CHL USED	TOTAL CHL RES.MG/L	FREE CHL RES.MG/L	PH	TEMP
1	AP	9:01	3680	20	.8	42 1/2	-	-	1.25	8.21	20.7
2	AP	8:01	3690	10	.8	41 1/2	1 1	-	.99	8.17	19.3
3	AP	7:53	3710	20	.9	40 1/2	1	-	1.92 .92	8.12	19.4
4	EDD	7:45	3720	10	1.3	39 1/2	1	-	.32	8.09	19.8
5	EDD	8:24	3740	20	-	38 3/4	3/4	-			
6								-			
7	JWK	9:08						-			off
8	AP							-			
9								-			
10								-			
11								-			
12								-			
13	JWK	10:11						-			off
14								-			
15	AP	9:15						-			off
16								-			
17								-			
18								-			
19								-			
20								-			
21								-			
22								-			
23								-			
24								-			
25								-			
26								-			
27	AP	12:23						-			off
28								-			
29	AP	9:15						-			off
30								-			
31								-			

**TOWN OF MILTON
WATER CONSERVATION PLAN
MARCH 2012 – MARCH 2013**

Program: Effective Metering of all accounts (continued)

The effect of these upgrades on billing accuracy is detailed in **Attachment A**. The attachment compares the third quarter use in 2011 to that in 2012. The effect on water conservation efforts was more immediate. Customers such as Milton Elementary School found persistent system leaks to be “tolerable” – until more accurate metering revealed the true cost of the leaks. It is estimated that this one account was under-reporting use by 78,000 gallons per quarter. More accurate metering resulted in immediate steps to reduce waste.

Program: System Leak Detection

In March 2012, the five areas most likely to have un-detectable leaks were identified and surveyed. These areas were places where the water supply passes under a waterway, by way of a spring and through a wetland. One leak was identified and repaired. Conditions point to a leak condition that lasted more than a quarter. The estimated water conservation is 90,000 gallons per quarter.

In June 2012, the Town of Milton installed radio transmitters on each well. The transmitters broadcast to a monitor that alerts our staff to pumping activity four times a hour, every day. This is an improvement to daily pump activity. Alerts can be programmed for unusual activity. This includes: pumping in the middle of the night, exceedingly long pumping periods and short pump “rest” cycles.

The unusual pump activity may be caused by a new system leak. Or, they could be caused by large, unauthorized withdrawals from the system. In any case, this monitoring provides several benefits of a SCADA system at a fraction of the cost (\$3,511, plus annual web-based data collection service costs).

On August 6, 2012, the System Leak Detection program took another step forward. The Town Council authorized \$6,000 for leak detection on the six miles of mains that were identified as the “aging” part of our system. With help from the Delaware Rural Water Association and the City of Milford, isolation valves boxes were cleaned and each section of main was tested. No leaks were found (**Attachment B**).

In September 2012, the Milton Town Council approved funds for the purchase of transducers in each storage tank. These devices will accurately track the level of water in each tower. Together with the pump activity transmitters, information about activity will be more timely and accurate. This will help our crews to be more responsive to emergencies and more pro-active when it appears that use restrictions may be warranted.

Program: Promoting a Conservation Ethic through Public Outreach

“A Better Accounting of Water Use” became a regular report of monthly Town Council meetings in February 2012. The report, both written and verbal, is presented to document Water Department goals and achievements. It also educates the public about water conservation measures (**Attachment C**).

In March 2012, the enclosed brochure “Easy Water Conservation Ideas for the Town of Milton” was inserted into every one of the more than 1200 quarterly utility bills sent to customers in our system.

At the June 2012 Town Council meeting, a rain barrel was displayed and information about discount purchasing through the Town of Milton (courtesy of DNREC) was distributed – and continues to be prominently posted on the town web site.

Additional conservation tips from authoritative sources are regularly distributed at meetings.

Town of Milton Water Department

Emergency Response Plan

PLAN DISTRIBUTION

Please fill in the recipient's name and title, the person who gave them the plan and on what date.

RECIPIENT/TITLE	DISTRIBUTED BY	DATE
Daniel Donaway	James Kersey	6/8/2023
Kristy Rogers	James Kersey	6/8/2023

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1.2 Personnel Information

Personnel

Name and Title	Job Duties and Responsibilities	Contact Information	Emergency Information
John Koerkal	Crew Leader	302-858-2350	302-684-4110
Aaron Franqui	Water Operator	856-602-7653	302-684-4110
Rob Wilson	Code Enforcement/ Water Operator	302-258-8475	302-684-4110

Storage and Distribution System – Tanks, Primary Mains and Pumping Stations

Location	Area Served	Comments
Chandler Street Tower	Entire Town of Milton	
Shipbuilders Tower	Entire Town of Milton	

Treatment Chemical Storage Facilities

Location	Chemical(s)	Comments
Chandler Street Treatment Plant	Chlorine, Sodium Fluoride	This is in liquid form and there is both an eye wash and shower station in the pump house
Shipbuilder Treatment Plant	Chlorine, Sodium Fluoride	This is in liquid form and there is both an eye wash and shower station in the pump house

Other Key Facilities

Location	Function	Comments
Well #5	Back Up Well	Bad taste and odor issues Kept offline unless in dire emergency

1.4 Industry Chemical Handling and Storage Facilities

List surrounding chemical production, handling or storage industries that could impact your utility during incidents such as accidental releases, hurricanes or earthquakes.

Industry Chemical Handling Facilities

Facility Name	Location	Distance	Chemical and Exposure Pathway
N/A	N/A	N/A	N/A

1.6 Response Resources

Provide an inventory of available resources (e.g., equipment, supplies) either maintained on site or readily available off site (e.g., neighboring water system) in the table below, or insert an existing inventory sheet.

Resources			
Kind	Type	Quantity	Location
Generator	Diesel	2	1 Portable Genset. 1 On site permanent Genset.
Fuel	Truck Bed Tank	1	Located in the back of T3
Pump	Gas/Diesel	5	2 Mud Pumps 3 Centrifugal pump
Other			

1.7 Key Local Services

Note the closest locations of key logistical and medical services that you or mutual aid and assistance providers may need during an incident. Include a map if available.

Essential Services	
Facility	Location/Description
Hospital	Bay Health Hospital 100 Wellness Way Milford, De 19963
Gas station	Bakers Petroleum 15046 Gravel Hill Rd. Milton De. 19968
Pharmacy	Walgreens 120 Broadkill Road Milton De 19968
Supplies	Ace Hardware 610 Mulberry St Milton De 19968
Grocery store	Food Lion 110 Broadkill Road Milton De 19968
Other service	

Town of Milton Water Department Emergency Response Plan

External Response Partner Roles

Name/Title	Organization	Responsibilities During an Incident
Local Partners		
Sussex County EOC	County Emergency Management/EOC	Recommendations and Guidance on Situations.
Delaware State Police	911	Resource for Additional Police Assistance
Milton Police Dept.	Police	Policing and General management of Law and Order
Milton Fire Dept.	Fire/HazMat	Fire Fighting assets and expertise.
Thomas Match Circuit Rider	DRWA	Technical and Hands on assistance for the system.
John Collier	Elected officials	Coordination and communication with the general public.
Artesian	Neighboring Wastewater utility	Ensuring the Sewer system stays Operational.
Frederica Water	Neighboring Water utility	Providing technical assistance and expertise.
DEC	Power utility	Ensuring power is supplied to critical assets.
DHSS	Health department	Reporting ongoing health concerns for the public
R&C Contractors	Contractor/vendor	Providing additional personnel and equipment.
HIE Inc.	Industry representative	Ensures all meters and Electronic monitoring devices stay operational.
DWSRF	Mutual aid	Funding for emergency Projects.
State Partners		
Delaware State Police	Police	
Robert Penmen	DWARN	Providing critical supplies and equipment if requested
Evirocorp	Laboratories	Conducts all testing for the water system Bacteria ETC.
Federal Partners		
EPA Region 3	EPA regional office	DRWA Will Coordinate will EPA Office
Salisbury MD Office	FBI field office	Milton Police Dept. will coordinate if situation warrants.
Philadelphia Office	CDC	Town Manager will Coordinate with Center for Disease control.
	Other	
	Other	

2.2 Incident Command System (ICS) Roles

ICS is used to organize both near-term and long-term field-level operations for a broad spectrum of emergencies, from small to complex incidents, both natural and manmade. An ICS Incident Organization Chart (ICS Form 207), available at FEMA's [ICS Resource Center](#), may be completed for your utility and inserted here or attached to your ERP.

2.3.2 External Response Partner Communication

List all external response partners, their response role or position as well as contact information.

External Response Partner Contact List

Organization or Department	Point Person Name or Position	Phone	Alternate Phone	Email or Website
Local Partners				
County Emergency Management/EOC	Joe Thomas	302-855-7801	N/A	https://sussexcountyde.gov/emergency-operations-center
911	DSP	302-644-5020	N/A	https://dsp.delaware.gov
Police	Town of Milton Police Dept.	302-855-2980	302-462-0454	https://milton.delaware.gov/police-department/
Fire/HazMat	Town of Milton Fire Dept.	302-684-8500	N/A	https://www.milton85.com/
LEPC				
Elected officials	John Collier Town Mayor	302-236-5474	302-684-4110	https://milton.delaware.gov/mayor-council/
Wastewater utility	Artesian	302-453-6908	302-218-7698	https://www.artesianwater.com/
Water utility	James Kersey	302-462-1775	302684-4110	https://milton.delaware.gov/public-works-department/
Power utility	Delmarva Power	800-375-7117	N/A	https://www.delmarva.com/Pages/default.aspx
Health department	Delaware Health and Social Services	302-255-4454	N/A	https://dhss.delaware.gov/dhss/dss/contact.html
Contractor/vendor	R&C Contractors	302-612-1328	N/A	N/A
Industry rep.	DRWA	302-424-3792	N/A	www.DRWA.org
Mutual aid	DWSRF			https://www.epa.gov/dwsrf
Other				
State Partners				
Primacy agency	Kevin Cottman	302-741-8582	302-388-4826	Kevin.cottman@delaware.gov
Health department	Heather Warren	302-739-4700		Heather.warren@delaware.gov
Police	DSP Troop 7	302-644-5020		
DWARN	Rob Penman	302-252-3101		Rober.penman@veolia.com
Laboratories	Envirocorp	302-398-4313		
Other				
Federal Partners				
EPA regional office	Patti Kay Wisniewski	215-514-7893		Wisniewski.patti-kay@epa.gov

2.3.4 Communication Equipment Inventory

Communication Equipment			
Type	Assigned to	Location	Number/Frequency/Channel
Cell Phone	Kristy Rogers	On Person	302-245-9790
Cell Phone	James Kersey	On Person	302-462-1775

3 EMERGENCY PLANS AND PROCEDURES

This section contains plans and procedures that can be implemented in the event of a malevolent act or natural hazard that threatens your utility's ability to deliver safe drinking water.

3.1 Core Response Procedures

Access

Item	Description
Debris clearing	Town Will Mobilize available equipment to facilitate debris clearing operations
Alternate routes	If the alternate routes are too long, consider staging similar critical equipment and resources in different areas of your community.
Identification badges	Town Employees have ID Badges to access through police barricades or hazmat contaminated zones. If your jurisdiction has an identification program for first responders, be sure to participate.
Other	

Physical Security

Item	Description
Access control procedures	All Essential personnel have key or codes to the critical components of the system. There is a frequent inventory and training on maintaining these critical components to the system. All personnel have been briefed on Critical physical security measures in place and the functions of these security measures.
Restricted areas	All areas are under lock and key and only essential personnel have access to these areas.
Evidence protection measures	Coordination with the Town and State police departments will take place in the event of unauthorized entry takes place or any other crime were to occur.
Security culture	Increase organizational attentiveness to security to help with security "See Something, Say Something" campaign is in place.
Other	

Cybersecurity

Item	Description
Disconnect procedure	If possible, disconnect compromised computers from the network to isolate breached components and prevent further damage, such as the spreading of malware.

Sampling and Analysis

Item	Description
Pre-identified sampling locations	Set forth at the utility is a sampling plan for all required sampling stations throughout the system. The ability of grab samples throughout the system is and option as well.
Sampling containers and preservatives	Inventory of ample sample containers are on hand at the system.
Sample collection	Collections of samples will be handled by a certified sample tester/ Water Operator.
Sample transportation	Transportation of samples to Enviro Corp. will be handled by a certified sample tester.
Laboratory capabilities	Enviro Corp has the capabilities of full spectrum analysis on all sampling that may be needed.
Interpreting results	Consultation will take place with Enviro Corp as well as Delaware Rural Water Association.
Other	

Local Contract/State/Federal Laboratory Contact List

Name	Address	Analytes/Methods	Phone	Email or Website
Enviro Corp.	51 Clark St. Harrington De. 19952	Metals, VOCs and SVOCs Bacteria	302-398- 4313	https://envirocorplabs.com/
Delaware Public Health Lab	30 Sunnyside Road Smyrna De 19977	Metals, VOCs and SVOCs Bacteria	302-223- 1520	https://dhss.delaware.gov/dhss/dph/lab/labs.html

Family and Utility Personnel Well Being

Item	Description
Family disaster plan	Implement your family plan to ensure their well-being during an incident.
Assembly area	All town of Milton Field staff rally point is located at the Public Works shop on front street.
Supplies	Food, potable water, cots, first aid kit, and sanitary products.
Alternate work and shelter locations	Personnel may need to work from home. Or, they may need to shelter at a hotel or at the system if conditions do not permit travel home.
Extreme temperatures	List or reference here any supplies or equipment your utility owns to mitigate extreme temperatures such as cold weather items (e.g., sand, salt, ice melt, tire chains, snowshoes) and hot weather items (e.g., pop-up shade canopies, water coolers, broad-brimmed hats).
Other	

4 MITIGATION ACTIONS

This section contains actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to your community and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers.

4.1 Alternative Source Water Options and Interconnected Utilities

List information on alternative source water options and interconnected utilities to mitigate impacts during incidents.

Alternative Source Water Options

Type	Location	Comments
Bulk Water Delivery	TBD Given circumstances of Emergency info will be Distributed VIA Code Red.	The Town maintains a relationship with a company for bulk water delivery's if the emergency need arises.

Interconnected Utilities

Utility Name	Location	Contact Information	Comments
N/A			Plans are in early development For potential interconnection.

5 DETECTION STRATEGIES

This section contains strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

List the detection strategies and methods your utility uses to aid in the detection of malevolent acts or natural hazards. Also list the corresponding procedure to be used if the threat is detected.

Detection Strategies		
Threat	Detection Method	Procedure
Unauthorized entry	<ul style="list-style-type: none"> Alarm from intrusion detection system 	Call 911
Source water contamination	<ul style="list-style-type: none"> National Response Center notifications Notification from 911 for releases resulting from transportation accidents 	Source Water Contamination Incident Response Plan
Distribution system contamination	<ul style="list-style-type: none"> Customer complaint surveillance Public health surveillance 	Distribution System Contamination Response Procedure
Cyber intrusion	<ul style="list-style-type: none"> Automated IT and operation technology (OT) system intrusion detection monitoring Notification from utility staff 	Cyber Incident Action Checklist
Hazardous chemical release	<ul style="list-style-type: none"> Chlorine gas in air monitors 	Call fire department
Hurricane	<ul style="list-style-type: none"> Weather Service alerts 	Hurricane Incident Action Checklist
Flood	<ul style="list-style-type: none"> Notification from Army Corp 	Flood Incident Action Checklist
Power outage	<ul style="list-style-type: none"> Notification from energy provider Alarm from line power sensor 	Generator Start-up Checklist
Other		
Other		