



Agenda for the Water and Sewer Committee Meeting January 24, 2024 7:00 PM

Old Business

- Minutes from previous meeting
- PFAS PFOS – No action.
- Water and Sewer Capacity Update – Report will be filed at the end of 2023.
- **ENR PER Update – Town provided requested letter to MDE regarding the change request.**
- I and I CB Basin update – Draft report has been received (545 pages as well as all pipe inspection video) staff will review and provide comment for the committee. **Meeting with the consultant January 25, 2024.**
- Memar Appropriation Application – Staff directed the hydrogeologist to amend the application to request 130 gpd/unit. Testing for PFAS tort suit results indicated non detect. MDE will advise testing 2x during the 60 day long term pumping test. **No update**
- SERCAP Rate Study and Fees- **update.**
- Springline Replacement Project & RMC Grant Application- discussion of the history and feasibility of the replacement project. Board has agreed to move forward with phase one design and construction with conditions. Staff has received a cost estimate of \$550,000.00 for the first phase of construction (Well field to Rt 70.)
- Lead and Copper Revision- Lead Survey due October 2024. MDE will issue the 2nd revised spreadsheet in January.
- Middletown Water Conservation Public Alert System – rewrite is attached.
- SHA Route 17 project. Existing curb stops are located in the project limits and will be replaced to the proposed grade of the new ADA sidewalks. Committee recommends replacing the curb stops with outside meters installed by Town or its Contractor.
- Water Conservation Rewrite and Town Ordinance change. Attachment. Discussion: Commercial conservation, watering of gardens in code red

- School Complex Historic Water Usage and projected usage. Grey water or Treated Effluent Usage. Water usage for High, Middle and Elementary will be provided. Discussed requesting a climate residency plan.

New Business

- Monthly Water and Sewer Operating Report for December 23 and January 24
- Drought Update: Springs steady at 56 gpm or 80,6400 gpd, the current drought map indicates normal conditions. Staff recommends returning to blue and completing the rewrite of the Public Alert System and have it approved by the Town Board by April.
- MDE Grant application: Submittals for grant cycle FFY24 SFY26: I and I, PFAS, Springline, ENR WWTP, Stream Restoration MS4, Comprehensive Flood Management (Lagoon Decommission)
- Interior Water Meter Leak Policy: update
- Emergency Water Connection with Frederick County: Staff will draft outline of services to county Water and Sewer.
- Staff Projects: Water conservation plan and water audit plan for MDE will be written by Staff, FY 25 Budget, UV system upgrade, CBPS flow and pump rebuild and spare purchase. 2.5 " of rain January 10 and 2.9 MG flow versus 1.6 MG flow normally. Rebuild will likely be around \$10,000 and a new or spare pump around \$25,000.00. Staff will be recommending a spare pump be purchased.

**Public Works Monthly Report
December 7, 2023**

COMPLETED WORK

Replaced locks on Coxy Brown Springs. Pulled and unclogged pump #1 at Brookridge Pump Station. Greased all fittings in Influent building at the East WWTP. Drained and cleaned auqadisk filter at the East WWTP. Winterized irrigation pumps and pipes for the winter. Replaced pump controller Foxfield Pump Station. Hooked up composite sampler for process clarifier samples. Replaced backup controller at Foxfield Pump Station, Parged cracks in the walls at the Original Spring. Removed roots and cleaned the head area of the Original Spring,.Disassembled cleaned old well #22 well pump and installed in well (800.00 saving). Placed new chains and poles at Glenbrook ROW, Christmas prep, tree repairs, banners down and up, Christmas in the valley prep, Laydown area for sea container, service equipment, DOT inspections, tree and bush trimming, Staff time on Christmas tree repairs and replacement 90 hours.

Public Works

New Projects or Requests

Reaver basement flooding issue storm drain (209 Broad St): Legal action received from resident's attorney.
Research of Alleys in the Woodmere (Linden Locust and E Main ST area)

Unbudgeted Expenses:

Refrigerator at Maintenance shop \$700.00

Springs at 25 gpm or 36,000 gpd

Sludge cost for FY \$3882.00 9,000 gal hauled, 27,075 gal bedded **Total hauled** 30,000 gal **Bedded** 166,725 Gal

Water Use (Average Daily for the Month, Flows stated in gallons per day)

Permit Limits (gal) 387,000/504,000 AD/MMU 250,000 AD 250,000 AD
Base flow 176,000 Base flow 115,000

MONTH	WATER USE		SPRING FLOW		East WWTP		West WWTP		Rain
	past yr	present yr	past yr	present yr	past yr	present yr	past yr	present yr	
January	300,936	294,589	85,469	109,491	241,963	252,000	147,012	164,000	2.5
February	311,685	296,667	105,258	123,213	263,000	239,000	195,000	132,000	1.9
March **	293,702	309,885	118,808	142,161	235,867	275,000	169,018	162,000	2.9
April **	311,260	325,983	139,909	142,274	267,481	213,000	185,830	117,000	3.05
May	317,665	343,765	126,325	146,882	300,180	237,000	293,045	151,000	2.55
June	329,912	340,446	141,430	122,478	203,251	198,000	124,123	119,000	2.4
July	314,364	318,543	106,315	87,179	195,429	178,000	137,369	127,000	3.15
August	324,822	322,376	79,521	61,243	201,118	167,000	132,900	115,000	1.75
September	302,063	319,276	67,700	46,212	226,936	182,000	159,864	131,000	3.75
October **	309,119	311,354	61,992	41,232	209,733	172,000	138,747	112,000	1.05
November**	295,148	308,601	59,761	37,317	217,000	179,000	141,000	126,000	2.2
December	287,269	302,135	81,035	80,456	180,706	282,795	101,370	238,529	5.2

Avg Daily/yr	308,162	316,135	97,794	95,012	228,555	214,566	160,440	141,211	32.4
Avg Yr Flw	112.48	115.39	35.69	34.68	83.42	78.32	58.56	51.54	

**Hydrants flushed this month

October 2019 531,958, Spring 2020 not flushed. Fall 2020 582,024 Spring 2021 704,842 Fall 2021 744,925 Spring 2022 664,933 Fall 2022 749,561(5 day avg) spring 23 702,023

Sewer Flow

Dec flow up 50% (531,324) EWWTP up 34%, WWWTP up 75%. Jan flow down 20% (415,795) EWWTP down 11%, W WWTP down 31%, Feb flow down 20% (370,313), EWWTP down 14%, W WWTP down 27%. Mar flow up 31% (437,215), EWWTP up 28%, W WWTP up 36%. April flow down 27% (330,109), EWWTP down 25%, W WWTP down 30%. May flow up 21% (387,476), EWWTP up 15%, W WWTP up 33%. June flow down 21% (317,045), EWWTP down 19%, WWWTP down 24%. July flow down 1% (304,196), EWWTP down 7%, West up 10% (flow transfer due to low flow), Aug flow down 7.3% (282,060) EWWTP down 6%, West down 9%. Sept flow up 7% (312,956) E WWTP up 5%, West up 10%

Planned Work

Lead and Copper (inventory due 2024), MDE water inspection corrections. POS purchases, Rate Study support,

ARP Budget and WS Projects: (Franklin St, I&I, Remsburg Park Connector Water, Linden Blvd Waterline). I & I final April 15, Remsburg Park completed April 3. Linden Boulevard Water Line: Completed.

Open Projects

I & I Walnut to Jefferson St.: Retainage released. Will be removed from report in January.

ADA sidewalk ramp reconstructions: No action

Glenbrook Arch Engineering Study: Received for review. Staff have reviewed the County and Consultant recommendation. Preparing summary and cost report for corrections.

Water System:

Water Hydraulic Model:

Lead and Copper Sampling June 2023: Report is complete and will be filed October 10. There are no detections above the limit. No action

SSO and I&I: Staff has received the Draft I and I report and is reviewing it as well as the videos. Staff has addressed a few issues that needed immediate attention and will continue to review. A report to the Board is scheduled for January.

West Wastewater Treatment Plant: No issues.

East WWTP: No issues awaiting draft permit. Received a request for price change on the ENR study. MDE is reviewing the change request. Have received the grant funding application for the BRF and is due January 2024.

Wells: Well 19 is OOS, needs a new check valve and other piping modifications. Waiting replacement materials.

Municipal Center: No issues

Maintenance Facility: Contract has been executed with Triad Engineering. We have received 60% improvement plans for review. We have withdrawn the Maintenance Facility application to the County. (No action)

Wiles Branch Stream Rehabilitation (MS4): Consultant is moving ahead with Wiles Branch Stream Restoration design and permitting. Grant application will be submitted. Construction late FY24 into 25.

Linden Boulevard Culvert Replacement and Streetscape: Timeline and estimated costs presented for streetscape and stream restoration to the Board. Culvert lining ilo replacement and stream restoration at Wiles Branch appears to be the favored options. Engineering has been funded for FY 24. Resident advisory committee has been formed and review and inquires have begun. Triad will submit draft layout for existing and proposed design in accordance with the Design Manual.

Brookridge PS: New pumps performing well. Cost proposal received, pending electrical design and cost. Staff will design electrical service. Due to the performance of the replacement pumps we will likely not complete this project. (No action)

Remsburg Park Waterline Extension: Retainage was released. Will be removed from report in January.

Pickleball Courts: Lighting plans submitted to FrCo for site plan approval. Will be on the December FrCo planning Commission agenda Dec. 13.

Patching Contract: modification for Mains Alley repaving with Washington Gas.

Developments

Middletown Library: correspondence from consultant regarding ADA sidewalks.

ADMAR Annexation: Design for treatment plant in progress 95% submittal reviewed. IP drawings reviewed. MDE has reviewed and commented on the WTP (PFAS sampling occurred on 5/24 and 5/25 but was deemed unusable.) April 27 MDE and adjoining property Owners at Townhall. Consultant will need to address most recent MDE comments. PFAS results have been received but analysis was not in accordance with method hold times, second samples were lost in shipment. Town sampled for mass tort and provided results. Non detect but we expect the sampling to reoccur during the 60 day test. WTP review with consultant plans at 95%. Will resubmit to MDE. Construction permit is contingent on 60 day long term test and appropriation permit. MDE staff has begun review and providing a preliminary impact analysis to management.

Middletown Municipal Hall: No action.

Horman Property Caroline's View: Draft Public Works Agreements were returned to Developer for execution 10/24/22.

Lancaster Development: Requested floor plans and use for water appropriation planning but have not received. No action.

Future Budget Considerations

W&S: Comprehensive sewer plan, West WWTP ENR plant replacement (non process component for Town budget). upsize CB pumps (part of the facility review or ENR upgrade), PFAS treatment, springline replacement, Foxfield Control SCADA upgrade (23 yr old),

GF: Additional 1 ton truck. New Skilled labor position (24) and 2 future positions for 2 full crews. 3rd Party Miss utility.

Regulatory

EPA

Revised Lead and Copper: Inventory of all public and private service lines due October 2024. (2% complete)

PFOA PFOS: NEW EPA MCL PFOA 4.0 ppt and PFOS 4.0 ppt NOT the sum of both as previously reported. Town is required to participate in UCRM 5 as a result of the previous sampling. MDE / EPA will pay for the testing. MDE sampled the EWWTP on June 21, 2023. **WELL 22:** PFOA/PFOS lab report 2.82 ng/l, (1 ppt = 1 ng/l) **WELL 23:** PFOA/PFOS 2.87/5.96 **WTP 2 Well 15:** PFOA/PFOS 1.95/2.59 ng/l, **WTP1:** ND. Staff will develop budget costs for treatment, engineering and construction. Staff will be sampled all wells the week of October 5 to 12, no results. New DRAFT PFAS summary has been released to water and sewer committee for Town facilities using updated MDE information. Website will be updated in the future.

MDE

Permits: East WWTP Discharge Permit (exp Dec 2021) submitted 22 months prior to expiration and then revised 14 months before expiration. MDE advertised the reapplication. We have requested an increase in discharge flow from 250,000 to 350,000. MDE has approved the County Water and Sewer Plan which requested the increase in flow. MDE is has started working on the permit may be 9 months till completed, will await the PER ENR selection process before releasing Draft permit.

Irrigation Pump Station Permit Renewal has been advertised by MDE awaiting same for EWWTP. No action.

MS4 Permit: Received a Proposal from FSA or inspection and survey MS4 stream improvements to justify the MS4 credits and have placed in the General Fund budget. Staff will submit 23 report to MDE by October 31, 2023. MDE has issued a new MS4 permit to FrCo (they administer the permit) valid for 5 years. Consultant has reviewed existing SWM ponds, the Town will receive a reduction of 2 acres credit for these ponds reducing the number of credits the Town needed from 18.67 to 16.57. Staff is working on the 2023 report due October 31, 2023. Report submitted and accepted.

West WWTP ENR Upgrade: A meeting with MDE for planning discharge limits on December 6 revealed concerns by MDE for discharging 700,000 gpd to the Hollow Creek based on summer base flows. Received planning limits Jan 27, 2023 for review. Met with Engineer to discuss the proposed limits and options. RK& K has provided 3 cost estimates for 3 options. DRAFT PER has been received and reviewed. Comments sent to RK&K. Received RK and K change proposal. No action

Wastewater Capacity Management reports: Submitted February 16, 2023.

DROUGHT 2023 Water Production Capabilities

12/1/2023									
MAXIMUM PRODUCTION NON DROUGHT				MAX PRODUCTION DROUGHT (2023 Drought DATA)					
	YIELD GPM		TOTAL DAILY	YIELD GPM		TOTAL DAILY			
1,2,6,7,8,9,19	200			160					
14	10			7					
15	55			42					
16	17			17			19 GPM run 17 hours.		
22	5			5					
23	18			17					
	305	439200		248	357120				
SPRINGS WINTER avg	85	122400	561600	40	57600	414720			
SPRINGS SUMMER avg	50	72000	511200	30	43200	400320			
SPRINGS SUMMER min				17	24480	381600			

Water Capacity Calculations					
				Annual Average	Month of Maximum
Annual Appropriation Permit				387,000	504,000
10% Reserve Capacity				38,700	50,400
W1 Infill Lots (Jiffas, 3 lots, Library) projected		250		-	2,125
W1 Infill SOLD in 2023					
Library 4.18 taps	4.18	250		1,045	1,359
Jiffas 2 taps	2	250		500	650
114 E Main	1	250		250	325
Existing Demand - 3 Year Average				306,133	391,850
Available Capacity				40,372	57,291
Planned W2 Future Connections					
Hollow Creek Professional	21	250		5,250	7,350
10% Reserve Capacity				525	735
Cross Stone Commons	4.95	250		1,238	1,733
10% Reserve Capacity				124	173
Future Demand				7,136	9,991
Available System Capacity				33,236	47,301
EDU's Available		250		133	
Memar Annexation	148	250		37,000	51,800
10% Reserve Capacity				3,700	5,180
Memar Annexation Demand				40,700	56,980
EDU's Required**				163	
** This will be offset by additional source provided by the developer.					
For 2023 Adjust Infill					
East Green St Lot next to Lake		1			
Lombardy Court		1			
Walnut St		1			
Maple ST ??		1			
3 on Jefferson St check tap fee already paid		3			
East Green St Lot Williams lot		1			
2 lots on Main ST Rhoutzahn		2			

Waste Water Capacity				
		Usage GP Basin*	EWWTTP	WWTP
Design Capacity			350,000	250,000
Permit Number			13-DP3182	18-DP-0462
Permitted Capacity	MGD		0.25	0.25
planned permit increase	MGD		0.100	0.000
Current Permit Discharge Limit	MGD		0.250	0.250
Planned Permit Discharge Limit	MGD		0.350	0.250
3 year avg discharge flow	MGD		0.247	0.192
Percent Capacity Used at Permit Capacity			99%	77%
Available Capacity	MGD		0.0026	0.0582
Units Available Current Permit	SFD		10	233
Future Connections				
infill lots S1 actual sold 2023				
Jiffas TH	3	250 West		0.00075
114 E Main	1	250 West	0.00025	
Library	4.18	250 West		0.001045
planned S2 res MEMAR	148	250 Either		0.037
planned S2 comm LANC	1	1600 East	0.0016	0
Planned future flow	MGD		0.0019	0.039
Available Future Capacity at current Permit			0.0007	0.0194
Units available at current permit			3	78
Available Future Capacity at design capacity Permit			0.1007	0.0194
Units available at design capacity			403	78
Abbreviations				
Million Gallons/ Day	MGD			
Single Family Dwelling	SFD			
Equivalent Dwelling Unit	EDU			
Equivalent Dwelling Unit flow	1 EDU = 250 GPD			
Approved Lot but not connected	S1			
Platted Lot proposed usage	S2			
Basin determined by gravity flow or by pumped flow	*			

Public Works Monthly Report
January 4, 2024

COMPLETED WORK

MDE LCRR training (2 days), Springline planning, revision for HC ramp on Wiles Branch Gazebo (will be shipped in January). Hydrant refurbishments, Grading for Sea containers at EWWTP, apply for permit for Sea Containers, Street light repairs, Install Posts and chains at Glenbrook ROW, salt streets, tree and shrub trimming, removed debris from sewers found on tape, removed large root mass on S Church from sewer found on tape. Cleaned influent line to Cone Branch PS. Survey sludge depths at the W WWTP. Replace damaged street pole in Glenbrook. Service equipment. Electrical and plumbing repairs at the EWWTP.

Public Works

New Projects or Requests

Reaver basement flooding issue storm drain (209 Broad St): Legal action received from resident's attorney.
Research of Alleys in the Woodmere (Linden Locust and E Main ST area)

Unbudgeted Expenses:

Refrigerator at Maintenance shop \$700.00, refrigerator for MMC kitchen, \$850.00

Springs at 35 gpm or 50,400 gpd

Sludge cost for FY \$5,947.00 27,000 gal hauled, 18,525 gal bedded **Total hauled** 57,000 gal **Bedded** 180,975 Gal

Water Use (Average Daily for the Month, Flows stated in gallons per day)

Permit Limits (gal)	387,000/504,000	AD/MMU	250,000 AD	250,000 AD
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**Hydrants flushed this month

October 2019 531,958, Spring 2020 not flushed. Fall 2020 582,024 Spring 2021 704,842 Fall 2021 744,925 Spring 2022 664,933 Fall 2022 749,561(5 day avg) spring 23 702,023



DRAFT
Water Conservation Public Alert System
Updated 8/2023

Middlestown's water supply is from ground water sources that are sensitive to drought conditions. "Droughts are periods of time when natural or managed water systems do not provide enough water to meet established human and environmental uses because of natural shortfalls in precipitation or stream flow." To keep Middlestown residents informed of our drinking water supply status during drought conditions, the Burgess and Commissioners developed the following Public Alert System:

Public Notification of Code Status:

- Color coded water drop signs will be hung from a bracket attached to the welcome pillars on both ends of Town when drought conditions are present.
 - The code status will be posted on the town web page and distributed electronically via the web page list serve **and via the Town's alert system.**
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CODE BLUE (blue water drop) Watering of lawns is *prohibited* between 9am. - 6pm. Ground water conditions are in the normal range.

Critical Factors: Spring flows range between 60,000 -130,000 gpd., and/or water table levels in wells are at normal historical levels, and/or the U.S. Drought Monitor for Frederick County, Maryland indicate a drought condition of NONE or ABNORMALLY DRY

CODE YELLOW (yellow water drop): A reduction goal of 5 to 10% of the average daily use will be monitored. Watering of lawns is *prohibited*. Additional voluntary water conservation is requested. Ground water conditions are decreasing at a rapid rate. Residents are requested to follow water conservation practices as outlined in 20 Tips to Prevent Water Waste found on the town's website. Water levels in the wells are monitored biweekly.

Critical Factors: Any of the following factors may trigger **CODE YELLOW**: MDE issues a drought declaration watch, spring flows range between 43,000--59,000 gpd, water table levels in wells are below historic levels and dropping, the U.S. Drought Monitor for Frederick County, Maryland indicate a drought condition of MODERATE.

CODE ORANGE (Orange water drop): A reduction goal of 10% - 15% of the daily use will be monitored. Mandatory water restrictions are instituted by the Burgess & Commissioners per Section 13.04.010. Severe drought conditions are present. Violation of these restrictions will result in a \$100 fine and immediate disconnection of water service. No warning will be issued. Water levels in wells are monitored bi-weekly.

- Watering of grass is prohibited. This includes athletic and/or playing fields.

- Washing paved surfaces such as streets, roads, sidewalks, driveways, garages, parking areas, tennis courts, and patios is prohibited.
- No vehicle washing, including automobiles, trucks, trailers and boats. Except cleaning of emergency vehicles, if necessary, to preserve the proper functioning and safe operation of the vehicle.
- Golf courses must have a water conservation plan in effect that shows a 10% reduction in usage, even if they do not use town water. No restriction on effluent usage
- No flushing of water lines, fire hydrants or distribution equipment.
- Any additional restrictions the Burgess and Commissioners deem necessary per section 13.04.010
- **Use of rain barrels and gray water (i.e., used bath water) is permitted and encouraged.

Critical Factors: Any of the following factors may trigger **CODE ORANGE**: MDE issues a declaration of a drought warning and/or spring flows are below 43,000 gpd and/or the water table levels in wells are far below historic levels and are dropping. U.S. Drought Monitor for Frederick County, Maryland indicates a drought condition of SEVERE.

CODE RED, (red water drop): A reduction goal of 15% - 20% of the daily use will be monitored. Code Red, mandatory water restrictions plus building restrictions and commercial water use restrictions. Violation of these restrictions will result in a \$200 fine and immediate disconnection of water service. No warning will be issued. Water levels in wells are monitored weekly.

- All outside water use of any kind is prohibited.
- Use of water for the operation of ornamental fountains, artificial waterfalls, misting machines, and reflecting pools is prohibited.
- Private (homeowners) pools and exterior hot tubs may not be filled or topped off.
- Golf courses must have a water conservation plan in effect that shows a 10% reduction in usage, even if they do not use town water. No restriction on effluent usage in accordance with the permit.
- Connecting to town fire hydrants is prohibited, except for emergency purposes.
- Any additional restrictions the Burgess and Commissioners deem necessary per section 13.04.010
- All businesses and residents are required to reduce potable water consumption by 10%
- No issuance of building permits
- **Use of rain barrels and gray water (i.e., used bath water) is permitted and encouraged.

Critical Factors: The Governor of Maryland declares a drought emergency by executive order, and/or spring flows are below 29,000 gpd and/or the water table levels in wells are far below historic levels and are dropping. U.S. Drought Monitor for Frederick County, Maryland indicates a drought condition of EXTREME The raw water reservoirs cannot be kept full on a daily basis.

13.04.010 - Restrictions on water use.

A. The burgess and commissioners may impose reasonable restrictions on the use of water from the municipal water system during periods of short supply, protracted drought, excessive demand or other scarcity of water. Such restrictions may include, but are not limited to, limitations on or prohibitions against the use of water from the municipal water system as determined by the burgess and commissioners. The town administrator may, with the approval of the burgess and commissioners, develop and establish a **Water Conservation Public Alert System.** ~~or other system of codes to announce to the public differing levels of water restrictions.~~

B. Any water use restriction imposed pursuant to this section shall be determined and announced at a regular or special meeting of the burgess and commissioners and shall be published ~~in a newspaper of general circulation in the town.~~ on the Town's website, distributed electronically via the web page list serve and the Town's alert system. Additionally, color coded water drop signs will be hung from a bracket attached to the welcome pillars on both ends of Town when drought conditions are present.

C. The Water Conservation Public Alert System will be published on the Town's website and will spell out the conditions and restrictions for each of following code status colors: Code Blue (least restrictive), Code Yellow, Code Orange, and Code Red (most restrictive).

~~The watering of lawns or grassy areas of property is prohibited at any time between the hours of 9:00 a.m. and 6:00 p.m. during the least restrictive periods of water use under the water conservation public alert system (currently "Code Blue"), and upon written application to the town administrator, the watering of lawns or grassy areas during these hours shall be permitted for the purpose of watering newly seeded or sodded lawns for up to seven days after such seeding or after the installation of sod.~~

D. Penalties for violating water restrictions:

1. Any person detected connecting to a town fire hydrant for any nonemergency purpose will be subject to a one thousand dollar (\$1,000.00) fine for each offense.
2. Any landlord, tenant, or other individual in possession of real property violating the terms and conditions of any water restriction shall be subject to the following:
 - a. Filling or topping off of pools or outdoor hot tubs during a water restriction period established pursuant to subsection A of this section will constitute a municipal infraction punishable by a fine of five hundred dollars (\$500.00) and disconnection of water service.
 - b. For all other violations of this section, a written warning and notification to refrain from any further violation will be issued for a first offense. Each subsequent offense will constitute a municipal infraction punishable by a fine of one hundred dollars (\$100.00) and **immediate** disconnection of water service. **For violations during a "Code Red" restriction the fine will be two hundred dollars (\$200.00) and the immediate disconnection of water service.**

E. Any landowner, tenant or individual in possession who has had service disconnected to his or her property pursuant to this section shall not have such service reconnected until the current reconnection fee established by the town is paid. Any further violation of the water restriction by that individual after reconnection of water service shall result in water service again being disconnected to such property, and service shall not be reconnected until the currently established reconnection fee is paid to the town.

(Ord. 06-04-01 § 1, 2006; Ord. 02-04-01 § 1, 2002; Ord. 97-09-02 § 2: prior code § 4-2203)

Mandatory Water Use Restrictions

Prohibited

Exceptions

Watering of lawns

- To establish and maintain newly seeded and sodded grass areas, water may be applied on the day of installation and for 21 days following installation by any means designed and operated to assure effective water conservation. Irrigation must be personally supervised at all times to eliminate run-off or excessive watering.
- To maintain athletic fields when a 50% water reduction plan is in effect.
- Wastewater effluent or storm water treatment systems utilizing spray irrigation may apply water in designated areas according to permit conditions.

Use of Watering for irrigation and watering of gardens, landscaped areas, trees, shrubs and other outdoor plants

- For agricultural irrigation for the production of food and fiber, the maintenance of livestock and poultry or the production of nursery stock.
- By means of a hand-held container, hand-held hose equipped with an automatic shut-off nozzle, or drip irrigation system when applied between the hours of 8 p.m. and 8 a.m.
- When used by commercial nurseries at the minimum rate necessary to maintain stock.
- Water may be used by arboretums and public gardens of National, State, or regional significance at the minimum rate necessary to preserve specimens.

Irrigation and watering of golf courses

- To water tees and greens between the hours of 8 p.m. and 8 a.m.
- To water localized areas with a handheld hose at the minimum rate necessary.
- To water fairways when irrigation is reduced by at least 30%.
- As part of a necessary overseeding or resodding operation during the months of September and October at the minimum rate necessary.
- Sources of water other than potable water should be used when available.
- Irrigation of rough areas is not allowed.

<i>Washing paved surfaces such as streets, roads, sidewalks, driveways, garages, parking areas, tennis courts, and patios</i>	<ul style="list-style-type: none"> • For prewashing in preparation of asphalt street or driveway recoating and sealing. • At the minimum rate necessary for the maintenance of tennis courts composed of clay or similar materials by means of a hand-held hose equipped with an automatic shutoff nozzle. • At the minimum rate necessary for sanitation or public health purposes, such as eating and drinking areas. • At the minimum rate necessary to maintain effective dust control during the construction of highways and roads.
<i>Use of water for the operation of ornamental fountains, artificial waterfalls, misting machines, and reflecting pools</i>	<ul style="list-style-type: none"> • None
<i>Use of water for washing or cleaning of mobile equipment including automobiles, trucks, trailers and boats</i>	<ul style="list-style-type: none"> • Commercial car washes that recycle 45% of their wash water or reduce total water consumption by at least 10%. • Cleaning of construction, emergency or public transportation vehicles if necessary to preserve the proper functioning and safe operation of the vehicle. • Cleaning of new and used vehicles which are part of a dealer's sales inventory only under the following provisions: a) a vehicle is being prepared for sale at the time the vehicle is received from the manufacturer or prior owner, b) a vehicle shall be washed no more than once every 7 days, and c) a vehicle may be washed following sale immediately prior to delivery to the purchaser. Vehicles may be washed only by a means of a bucket or hand-held hose equipped with an automatic shut-off nozzle.
<i>Use of water to fill and top off swimming pools</i>	<ul style="list-style-type: none"> • Public or residential swimming pools serving 25 or more dwelling units, if the pools have filtration equipment allowing for continued use and recycling of water over the swimming season. • Swimming pools operated by health care facilities used in relation to patient care and rehabilitation. • Filling of newly constructed pools or following pool repair.
<i>Homeowner power-washing of buildings, fences, decks or other structures</i>	<ul style="list-style-type: none"> • None
<i>Serving of water in restaurants, clubs, or eating places, unless specifically requested by the customer</i>	<ul style="list-style-type: none"> • None
<i>All other businesses and industries implement plans to reduce water consumption by 10%</i>	