



MEMORANDUM

TO: James McKay, Michael Guzinski
FROM: Betsy Frederick
DATE : January 17, 2018
SUBJECT: Reference Material - Stormwater Utility Policy Discussion
CC: Andrew Goldberg, Jean Haggerty

Based on our meeting of 12/20/17, we have prepared the enclosed material for use and consideration by the Board of Selectman as we proceed through the Stormwater Utility implementation tasks over the next several months. This information addresses the primary issues discussed at our meeting, specifically:

- Definition of terms to ensure consistent use and clarity (especially with respect to impervious area definition and understanding of credits vs. abatements)
- Manner in which the Town will bill themselves for municipally-owned parcels
- Basis of billing – whole units or rounding

We also discussed setting dates for the planned working group sessions on other important policy issues such as rate setting period, the Board of Selectmen as appeals board, and credit policy development. We would like to get those dates and times on people's calendars as soon as possible and request feedback from you regarding preferred dates.

Glossary of Key Terms

Abatement means any reduction in a Stormwater Utility fee on the basis of incorrect calculation of fee for a specific parcel, or other billing error. It is distinctly different than a *credit* (defined below).

Appeal Procedure means the procedure described in detail in the Millis *Stormwater Utility Management By-Law* Section 11.0 – Appeals and Hearings relating to appeals for either credit or abatement of a Stormwater Utility fee.

Credit means a reduction in the amount of a Stormwater Utility fee charged to the owner of a particular property where that property owner owns, maintains and operates on-site or off-site stormwater management systems or facilities, or provides services or activities that reduce or mitigate the Town's cost of providing stormwater management services, in accordance with the Town's approved credit policy.

Developable shall mean a parcel of land, as designated by the Assessor, which can be altered from its natural state to include impervious surface area.



Developed means property altered from its natural state by construction or installation of greater than or equal to two hundred (200) square feet of impervious surfaces.

Drainage system shall mean natural and manmade channels, swales, ditches, swamps, rivers, streams, creeks, wetlands, branches, reservoirs, ponds, drainage ways, inlets, catch basins, gutters, pipes, culverts, bridges, head walls, storm sewers, lakes, and other physical works, properties, and improvements that transfer, control, convey or otherwise influence the movement of stormwater runoff.

Enterprise Fund is a separate account for the fees and for utility operation, as allowed by MGL Chapter 44, Section 54F ½.

General Laws means the General Laws of the Commonwealth of Massachusetts.

Impervious surface includes any material or structure on or above the ground that prevents water infiltrating the underlying soil. Impervious surfaces include, without limitation, roads, paved parking lots, rooftops, buildings or structures, sidewalks, driveways, and other surfaces which prevent or impede the natural infiltration of stormwater runoff which existed prior to development.

Stormwater is surface water that results from precipitation and that travels over natural or developed land surfaces to discharge into a drainage system or surface water body. Stormwater includes stormwater runoff, snow melt runoff, and surface water runoff and drainage.

Stormwater Commissioners are the Board of Selectmen, who shall have the power to make all policy decisions related to public works matters within the Town and shall be authorized to act as Stormwater Commissioners. The Board of Selectmen shall have the responsibility for carrying out all public works functions and will have the authority to serve as the board of appeals on matters related to the stormwater utility.

Stormwater management services mean all services provided by the Town which relate to the:

- (a) Transfer, control, conveyance or movement of stormwater runoff through the Town;
- (b) Maintenance, repair and replacement of stormwater management systems and facilities owned, controlled, or maintained by the Town;
- (c) Planning, development, design and construction of additional stormwater management systems and facilities to meet current and anticipated needs;
- (d) Regulation, oversight, and enforcement of the use of stormwater management services, systems and facilities;
- (e) Compliance with applicable State and Federal stormwater management regulations and permit requirements including, but not limited to, public education and outreach. Stormwater management services may address the quality of stormwater runoff as well as the quantity thereof.

Stormwater management systems and facilities mean those natural and manmade channels, swales, ditches, rivers, streams, creeks, branches, reservoirs, ponds, drainage ways, inlets, catch basins, pipes, headwalls, storm sewers, outfalls and other physical works, properties and improvements which transfer, control, convey, detain, retain, treat or otherwise influence the movement of stormwater runoff.

Stormwater Utility fee means the periodic user fee imposed pursuant to this by-law by the Town of Millis which will be dedicated to the provision of public stormwater management services.



Undevelopable land is all land including crops, forest land, pasture, conservation or recreation as designated by the Assessor.

Undeveloped land shall mean all land that is not altered from its natural state to an extent that results in greater than two hundred (200) square feet of impervious surface area.

MILLIS Policy Considerations Related to Data Analysis and Preliminary Fee Calculation.

Several policy decisions related to implementation of the Stormwater Management Utility are required prior to finalizing the fee and preparing the billing files. These issues impact the development of the billing data and calculation of fees:

1. Specifying land use that will be included as part of the impervious surface capture.
2. Deciding whether properties will be billed per 1,000 SF using whole billing units (1 billing unit (BU) would be 200 SF to 999 SF, 2 BUs would be 1000 to 1999) or whether the BUs will be naturally rounded (1 BU = 200 to 1499, 2 BU = 1500 to 2499 ...)
3. Separating charges by town parcel or department or calculating one consolidated Town fee

1. Impervious Surface Capture - To implement the stormwater fee consistently across the community, it is important to clearly define surfaces which will be considered impervious for the purpose of calculating total impervious area per property. In addition to the "impervious surface" definition included above, the *Millis Stormwater Management Utility By-Law*, presented and approved at Town Meeting, Fall 2017, includes the following definition:

Section 5.0 (c): *Impervious area per parcel* is determined by the Town of Millis by utilizing available GIS data layers to calculate the area of building footprints, building structures, driveways, pathways, pools, sports courts, and parking areas. Any impervious areas within the town-owned right-of-way will not be attributed to the parcel and will not be considered as part of the total impervious area of the parcel.

Current Impervious Area Information:

Impervious area (IA) for preliminary calculation purposes was obtained from MassGIS layers that were last updated in 2011. In the examples that follow, the orange is IA from a computer generated "raster" program from 2005 and the blue is from the "structure" IA layer from 2011.



Captures pool deck, but not water surface.



Captures what appears to be crushed gravel or packed dirt driveway.



Captures compacted dirt on baseball field.





Recommendations for IA Capture. To further refine the capture of IA as the data is updated for billing purposes, a clarification of the land uses considered impervious is required. Based on the impervious layers currently available and on the language in the Town's approved by-law, it is recommended that the following features be considered impervious:

- Pool decks, patios, and pool water surface
- Crushed gravel or compacted dirt driveways and parking areas

It is also recommended that dirt playing fields or other non-compacted dirt or gravel (gardens, decorative stone, stockpiles of dirt or gravel) be considered pervious.

For reference, below are several sample definitions of impervious surface definitions used by other communities:

- Milton, MA Stormwater Utility Regulations (2016)

Impervious Surface(s): Areas which prevent or impede the infiltration of Stormwater into the soil in the manner in which it entered the soil, in natural conditions, prior to development. Common impervious surfaces include, but are not limited to, rooftops, buildings or structures, sidewalks, walkways, patio areas, driveways, parking lots, storage areas, swimming pools, hockey rinks, decks, compacted gravel and soil surfaces not specifically engineered and maintained to be impervious, awnings and other fabric or plastic coverings, and other surfaces which prevent or impede the natural infiltration of stormwater runoff which existed prior to development.

- Northampton, MA Stormwater and Flood control Utility (2014)

Impervious Surface: Those areas which prevent or impede the infiltration of stormwater into the soil in the manner in which it entered the soil, in natural conditions, prior to development. Common impervious surfaces include, but are not limited to, rooftops, buildings or structures, sidewalks, walkways, patio areas, decks, driveways, parking lots, storage areas, compacted gravel and soil surfaces, awnings and other fabric or plastic coverings, and other surfaces which prevent or impede the natural infiltration of stormwater runoff which existed prior to development.

- Maryland State Wildlife Action Plan Glossary of Terms (2016), Maryland Department of Natural Resources

Impervious Surface: An area covered with solid material or that is compacted to the point where water cannot infiltrate underlying soils (e.g. parking lots, roads, houses, patios, swimming pools, tennis courts, etc.). Stormwater runoff velocity and volume can increase in areas covered by impervious surfaces.

- DC Water Stormwater FAQ

An impervious surface is a man-made surface that cannot be easily penetrated by water, such as rooftops, driveways, patios, tennis courts, swimming pools, parking lots, and other paved or covered areas (regardless of materials used).



2. Billing in whole 1000 SF units or natural rounding - The *Millis Stormwater Management Utility By-Law* states in *Section 5.0 (b)*: the *billing rate structure* shall consist of a uniform flat rate based on billing units of 1,000 square feet of impervious area on a developed parcel. There are two common ways of setting the ranges for each billing unit.

- Bill in whole 1000 SF increments. In this case, for Millis, parcels with 200 SF to 999 SF of impervious area would be billed for one unit, 1000 SF to 1999 would be 2 units, etc.
- Round IA to nearest 1000 SF. In this case, 200 SF to 1499 would be 1 billing unit, 1500 to 2499 would be 2 units, etc.

The main difference is that properties on the lower end of the IA calculation (1000 to 1499) pay slightly less with rounding and due to rounding down in many situations, the total number of billing units would be reduced by about 5-6%. With less billing units, the annual fee would increase by this same percentage to generate targeted revenue.

Recommendations for Billing: It is recommended that IA be billed in whole 1000 SF increments, keeping the rate per billing unit as low as possible.

3. Billing of Town properties - Currently we have a list of 181 parcels owned by the Town from the Assessor's office and impervious area for each property estimated from the 2011 MassGIS data. The Town tax information does not specify the use of most of the properties, so for now we have estimated the total impervious area for the Town at 1,254,213 SF. The table below summarizes the impervious information and the billing units per parcel. Total billing units are estimated at 1,285. It has been presumed to this point that the Town would get one combined bill, but if the Town wants to group parcels by department or other function, and bill different accounts, then additional information is needed from the Town on these parcels.



Town-Owned Parcels with Estimated Impervious Area from 2011 Mapping (December 2017)

Owner	Parcel_Num	Lot_SqFt	Count_CAMA_Accts	Location	SW_Class	2011 Parcel_I_A	SBU_1000	Notes
Town of Millis	0003-0040-0000	72039	1	WALNUT ST	NSFR	4937	5	
Town of Millis	0004-0002-0000	32872	1	RIDGE ST	NSFR	0	0	
Town of Millis	0005-0005-0000	475278	1	GROVE ST	NSFR	208	1	
Town of Millis	0005-0017-0000	63720	1	ORCHARD ST	NSFR	523	1	
Town of Millis	0009-0018-0000	327974	1	ORCHARD ST	NSFR	1124	2	
Town of Millis	0009-0024-0000	64493	1	ORCHARD ST	NSFR	0	0	
Town of Millis	0011-0011-0000	28390	1	MIDDLESEX ST	NSFR	0	0	
Town of Millis	0011-0026-0001	1497142	1	EXCHANGE ST	NSFR	935	1	
Town of Millis	0011-0040-0000	8898	1	ORCHARD ST	NSFR	6	0	
Town of Millis	0011-0042-0000	240700	1	ORCHARD ST	NSFR	551	1	
Town of Millis	0011-0046-0000	86360	1	MIDDLESEX ST	NSFR	0	0	
Town of Millis	0011-0047-0000	139388	1	MIDDLESEX ST	NSFR	0	0	
Town of Millis	0014-0007-0000	500291	1	CAUSEWAY ST	NSFR	0	0	
Town of Millis	0014-0011-0000	763919	1	CAUSEWAY ST	NSFR	0	0	
Town of Millis	0014-0017-0000	1222346	1	CAUSEWAY ST	NSFR	0	0	
Town of Millis	0014-0031-0000	671275	1	CAUSEWAY ST TRACT 949	NSFR	200	1	
Town of Millis	0014-0040-0000	2478360	1	CAUSEWAY ST TRACT 818E	NSFR	0	0	
Town of Millis	0014-0042-0000	383548	1	CAUSEWAY ST TRACT 838E	NSFR	0	0	
Town of Millis	0014-0046-0000	101748	1	PINE VALLEY RD	NSFR	0	0	
Town of Millis - Park/Rec	0016-0004-0000	4714439	1	410 EXCHANGE ST	NSFR	62834	63	
Town of Millis	0016-0116-0000	39371	1	48 ISLAND RD	NSFR	25	0	
Town of Millis	0016-0117-0000	42103	1	EXCHANGE ST	NSFR	0	0	
Town of Millis	0017-0006-0000	517998	1	176 ISLAND RD	NSFR	29	0	
Town of Millis - Housing Auth	0019-0021-0000	133677	1	411 UNION & EXCHANGE ST	NSFR	62588	63	
Town of Millis	0019-0068-0000	109538	1	VAN KLEECK RD	NSFR	1407	2	
Town of Millis	0019-0116-0000	33363	1	VAN KLEECK RD	NSFR	0	0	
Town of Millis	0019-0137-0000	3256	1	IRVING ST	NSFR	12	0	
Town of Millis	0019-0155-0000	6041	1	DANIELS ST	NSFR	0	0	
Town of Millis	0019-0196-0000	5995	1	UNION ST	NSFR	195	0	
Town of Millis	0020-0043-0000	566186	1	CURVE ST	NSFR	8820	9	
Town of Millis	0021-0012-0000	54404	1	CEDAR ST	NSFR	0	0	
Town of Millis	0022-0030-0000	16161	1	MAIN ST	NSFR	717	1	
Town of Millis	0023-0026-0000	804604	1	2 CEMETARY RD	NSFR	155003	155	
Town of Millis	0023-0032-0000	31729	1	64 EXCHANGE ST	NSFR	19205	20	
Town of Millis	0023-0059-0000	15716	1	LAVENDER ST	NSFR	9141	10	
Town of Millis	0023-0060-0000	22180	1	885 MAIN ST	NSFR	17036	18	
Town of Millis	0023-0072-0000	3804	1	4 EXCHANGE ST	NSFR	3621	4	
Town of Millis - Library	0023-0074-0000	117987	1	961 MAIN ST	NSFR	40977	41	
Town of Millis - Police Station	0023-0079-0000	49402	1	1003 MAIN ST	NSFR	26114	27	
Town of Millis - Town Hall	0023-0116-0000	124602	1	900 MAIN ST	NSFR	81549	82	
Town of Millis - Clyde School	0023-0118-0000	144877	1	952 MAIN ST	NSFR	103415	104	likely to change
Town of Millis	0023-0119-0000	89115	1	1972R MAIN ST	NSFR	1943	2	
Town of Millis	0024-0004-0000	5241	1	MEMORIAL PARK	NSFR	1560	2	
Town of Millis	0026-0014-0000	7171	1	DOVER RD	NSFR	1743	2	
Town of Millis	0026-0015-0000	180811	1	MAIN ST	NSFR	130	0	
Town of Millis	0027-0055-0000	8525	1	MEADOW CARTWAY	NSFR	2848	3	
Town of Millis	0028-0046-0000	636894	1	VILLAGE ST	NSFR	33325	34	
Town of Millis	0029-0011-0000	141802	1	PLAIN ST	NSFR	6851	7	
Town of Millis	0029-0101-0000	15402	1	BOW ST	NSFR	0	0	
Town of Millis	0030-0017-0000	52031	1	SPRING ST	NSFR	0	0	
Town of Millis	0030-0018-0000	94671	1	SPRING ST	NSFR	17869	18	
Town of Millis	0030-0019-0000	63284	1	MAIN ST	NSFR	19802	20	
Town of Millis - Recreation	0030-0020-0000	628437	1	MAIN & SPRING ST	NSFR	105834	106	
Town of Millis - Middle/High School	0030-0021-0000	574783	1	245 PLAIN ST	NSFR	230319	231	likely to change
Town of Millis	0030-0022-0000	30817	1	SPRING ST	NSFR	59	0	
Town of Millis	0030-0028-0000	157322	1	PLEASANT ST	NSFR	0	0	
Town of Millis	0030-0053-0000	502742	1	SPRING ST	NSFR	40074	41	
Town of Millis	0031-0006-0000	190724	1	FARM & ACORN ST	NSFR	481	1	
Town of Millis	0031-0016-0000	206104	1	ACORN ST	NSFR	81	0	
Town of Millis	0031-0021-0000	68453	1	FARM ST	NSFR	3740	4	
Town of Millis	0033-0024-0000	11196	1	FARM ST	NSFR	1274	2	
Town of Millis	0034-0013-0000	28493	1	100 ACORN ST	SFR	5070	6	
Town of Millis	0034-0023-0000	2404	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0025-0000	11519	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0026-0000	5329	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0027-0000	6344	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0034-0029-0000	2391	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0030-0000	7156	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0033-0000	5981	1	MILLIS HGHTS	NSFR	545	1	
Town of Millis	0034-0038-0000	4657	1	SPENCER ST	NSFR	0	0	
Town of Millis	0034-0039-0000	8809	1	105 PLEASANT ST	NSFR	0	0	
Town of Millis	0034-0041-0000	5057	1	SPENCER ST	NSFR	0	0	
Town of Millis	0034-0043-0000	4418	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0044-0000	4586	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0045-0000	2213	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0048-0000	2508	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0034-0049-0000	4934	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0034-0050-0000	2356	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0034-0051-0000	2375	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0034-0052-0000	4960	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0034-0058-0000	4210	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0034-0059-0000	4765	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0034-0061-0000	5017	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0034-0062-0000	4985	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0034-0063-0000	4954	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0034-0064-0000	5041	1	ROOSEVELT BLVD	NSFR	0	0	
Town of Millis	0034-0074-0000	2433	1	SPENCER ST	NSFR	0	0	
Town of Millis	0035-0016-0000	331627	1	PLEASANT ST	NSFR	0	0	

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Town of Millis	0035-0017-0000	1082965	1	72 PLEASANT ST	NSFR	9494	10	
Town of Millis	0035-0026-0000	6847	1	WILSON BLVD	NSFR	0	0	
Town of Millis	0035-0029-0000	2278	3	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0035-0031-0000	2985	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0035-029B-0000	2801	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0039-0043-0000	86494	1	121 NORFOLK RD	NSFR	6087	7	
Town of Millis	0040-0019-0000	194152	1	PLEASANT ST PARK	NSFR	5172	6	
Town of Millis	0040-0025-0000	9632	1	LINCOLN AVE	NSFR	0	0	
Town of Millis	0040-0027-0000	7668	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0029-0000	2469	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0030-0000	2485	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0031-0000	2707	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0032-0000	2308	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0034-0000	2529	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0035-0000	2562	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0036-0000	2078	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0037-0000	2059	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0039-0000	2512	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0041-0000	2456	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0043-0000	2698	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0045-0000	5105	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0046-0000	2821	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0047-0000	2398	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0050-0000	4988	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0051-0000	5169	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0052-0000	4759	1	COMMONWEALTH BLVD	NSFR	0	0	
Town of Millis	0040-0055-0000	15623	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0056-0000	4953	1	BOYLSTON AVE	NSFR	0	0	
Town of Millis	0040-0061-0000	5019	1	BOYLSTON AVE	NSFR	0	0	
Town of Millis	0040-0062-0000	4777	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0063-0000	5339	1	BOYLSTON AVE	NSFR	0	0	
Town of Millis	0040-0064-0000	4612	1	MILLIS HGHTS	NSFR	874	1	
Town of Millis	0040-0066-0000	4627	1	MARGO PL	NSFR	0	0	
Town of Millis	0040-0067-0000	4836	1	FEDERAL ST	NSFR	0	0	
Town of Millis	0040-0068-0000	2258	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0071-0000	5137	1	BOYLSTON AVE	NSFR	0	0	
Town of Millis	0040-0073-0000	4953	1	BOYLSTON AVE	NSFR	943	1	
Town of Millis	0040-0075-0000	2447	1	BOYLSTON AVE	NSFR	36	0	
Town of Millis	0040-0077-0000	5165	1	BOYLSTON AVE	NSFR	186	0	
Town of Millis	0040-0080-0000	4776	1	MILLIS HGHTS	NSFR	312	1	
Town of Millis	0040-0082-0000	3642	1	BOYLSTON AVE	NSFR	412	1	
Town of Millis	0040-0085-0000	5373	1	PLEASANT ST	NSFR	0	0	
Town of Millis	0040-0086-0000	5458	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0087-0000	5036	1	MORRIS ST	NSFR	0	0	
Town of Millis	0040-0088-0000	5197	1	MILLIS HGHTS	NSFR	2179	3	
Town of Millis	0040-0089-0000	2492	1	COURT PL	NSFR	0	0	
Town of Millis	0040-0090-0000	2288	1	COURT PL	NSFR	0	0	
Town of Millis	0040-0091-0000	2013	1	COURT PL	NSFR	0	0	
Town of Millis	0040-0092-0000	2561	1	FEDERAL ST	NSFR	0	0	
Town of Millis	0040-0093-0000	2464	1	HENRY ST	NSFR	0	0	
Town of Millis	0040-0094-0000	2541	1	HENRY ST	NSFR	0	0	
Town of Millis	0040-0096-0000	6415	1	BROAD ST	NSFR	0	0	
Town of Millis	0040-0097-0000	9182	1	MORRIS ST	NSFR	154	0	
Town of Millis	0040-0100-0000	7164	1	MORRIS ST	NSFR	542	1	
Town of Millis	0040-0102-0000	10075	1	GEORGE AVE	NSFR	0	0	
Town of Millis	0040-0103-0000	2828	1	MILLIS HGHTS	NSFR	2035	3	
Town of Millis	0040-0108-0000	5290	1	MILLIS HGHTS	NSFR	611	1	
Town of Millis	0040-0109-0000	5328	1	GEORGE AVE	NSFR	705	1	
Town of Millis	0040-0110-0000	5482	1	GEORGE AVE	NSFR	1047	2	
Town of Millis	0040-0111-0000	7710	1	MILLIS HGHTS	NSFR	3663	4	
Town of Millis	0040-0112-0000	4268	1	CONGRESS ST	NSFR	0	0	
Town of Millis	0040-0115-0000	2644	1	MILLIS HGHTS	NSFR	59	0	
Town of Millis	0040-0118-0000	3097	1	BROAD ST	NSFR	0	0	
Town of Millis	0040-0120-0000	2377	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0040-0124-0000	2996	1	CONGRESS ST	NSFR	0	0	
Town of Millis	0040-0125-0000	5287	1	CONGRESS ST	NSFR	0	0	
Town of Millis	0040-0127-0000	8844	1	CONGRESS ST	NSFR	0	0	
Town of Millis	0040-0128-0000	4111	1	MILLIS HGHTS	NSFR	0	0	
Town of Millis	0041-0005-0000	220636	1	VILLAGE ST	NSFR	4942	5	
Town of Millis	0041-0008-0000	1284734	1	VILLAGE ST	NSFR	7759	8	
Town of Millis	0041-0041-0000	98797	1	BRANDYWINE TERR	NSFR	0	0	
Town of Millis	0041-0069-0000	36211	1	INDEPENDENCE LN	NSFR	150	0	
Town of Millis	0043-0013-0000	32020	1	185 PLEASANT ST	NSFR	2302	3	
Town of Millis	0044-0009-0000	118147	1	PLEASANT ST	NSFR	0	0	
Town of Millis	0045-0003-0000	22445	1	NORFOLK RD	NSFR	4372	5	
Town of Millis	0046-0004-0000	54303	1	63 MYRTLE ST	NSFR	3669	4	
Town of Millis	0049-0001-0000	463732	1	R NORFOLK RD	NSFR	13637	14	
Town of Millis	0052-0001-0000	924649	1	WATER ST	NSFR	0	0	
Town of Millis	0052-0003-0000	639876	1	ISLAND RD	NSFR	15	0	
Town of Millis	0052-0004-0000	201624	1	ISLAND RD	NSFR	0	0	
Town of Millis	0052-0005-0000	88405	1	ISLAND RD	NSFR	405	1	
Town of Millis	0052-0009-0000	330541	1	ISLAND RD	NSFR	10042	11	
Town of Millis	0052-0010-0000	296937	1	WATER ST	NSFR	0	0	
Town of Millis	0052-0011-0000	458277	1	ISLAND RD	NSFR	2636	3	
Town of Millis	0052-0012-0000	433196	1	ISLAND RD	NSFR	62056	63	
Town of Millis	0052-0014-0000	14828	1	WATER ST	NSFR	0	0	
Town of Millis	0052-0015-0000	349725	1	WATER ST	NSFR	3135	4	
Town of Millis	0052-0017-0000	31721	1	7 WATER ST	NSFR	25481	26	
Town of Millis	0053-0013-0000	52568	1	ISLAND RD	NSFR	0	0	
Town of Millis	0053-0014-0000	147565	1	ISLAND RD	NSFR	0	0	
Town of Millis	0053-0042-0000	95166	1	ISLAND RD	NSFR	3719	4	
Town of Millis	0053-0043-0000	244246	1	ISLAND RD	NSFR	662	1	
Town of Millis	0054-0021-0000	165405	1	BOGASTOW PARK	NSFR	0	0	
						1254213	1285	

NOTE: 181 total parcels. 116 parcels have 0-199 SF of IA and won't be billed. 65 parcels with at least 200 SF of IA
 Stormwater Billing Unit (SBU) based on billing for each 1000 SF (no rounding applied)

Stormwater Utility