



Stormwater Utilities in CT?!

NEMO Program MS4 Webinar

10/1/19

UConn Center for Land Use Education and Research

Welcome to the CLEAR Webinar Series!

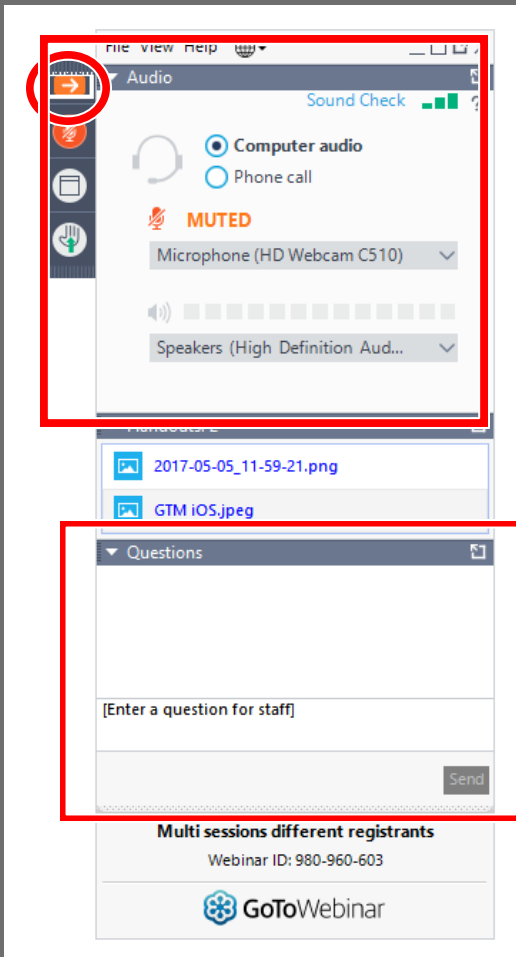
This is the 3rd presentation in the 2019 series

- Oak Mortality in Eastern CT
- MS4 Permit Year 3
- **Stormwater Utilities in CT – You Are Here!**
- Sea Level Rise Affecting Road Flooding and Marsh Migration Along CT's Coast – Oct. 16
- Getting to 2% - Case Studies in Impervious Cover Disconnection – Nov. 14



Register & Archive: <http://clear.uconn.edu>

Navigating the Webinar



- Open and close your Panel
- View, Select, and Test your audio
- Submit questions
- Handouts
- Recording: <http://clear.uconn.edu>

Today's Topics

- Stormwater Utilities Overview
- CT's First Stormwater Utility
- Expanding beyond New
London



NEMO MS4 Support

CT DEEP funded support program

- MS4 Educator
- Online MS4 Guide
- Mapping resources
- Listserv
- Workshops & webinars
- Templates & tools

The screenshot shows the 'Connecticut MS4 Guide' website. At the top, it features the UConn logo and 'UNIVERSITY OF CONNECTICUT'. Below that is the 'CENTER FOR LAND USE EDUCATION AND RESEARCH & CT NEMO' header. The main title is 'Connecticut MS4 Guide' with the NEMO logo. A navigation bar includes 'Basics', 'Tasks', and 'Tools'. A secondary navigation bar lists 'About', 'MS4 News', 'NEMO', and 'CLEAR'. The main content area is a grid of topic cards: 'Public Education & Outreach', 'Public Involvement', 'Illicit Discharge Detection & Elimination', 'Construction Site Stormwater Runoff Control', 'Post-construction Stormwater Management', and 'Pollution Prevention & Good Housekeeping'. To the right is a text box explaining the guide's development by NEMO staff with funding from the UConn Center for Land Use Education and Research and the Connecticut Department of Energy and Environmental Protection (DEEP). Below this are buttons for 'Monitoring', 'Mapping', and 'Legal Authorities'. At the bottom, there is an 'MS4 Map' showing a map of Connecticut with MS4 boundaries and a 'News & Updates' section with a 'What's the latest?' header and two news items: 'Stormwater System Mapping Template' and 'New interactive online CT Stormwater Quality Manual'.

<http://nemo.uconn.edu/ms4>

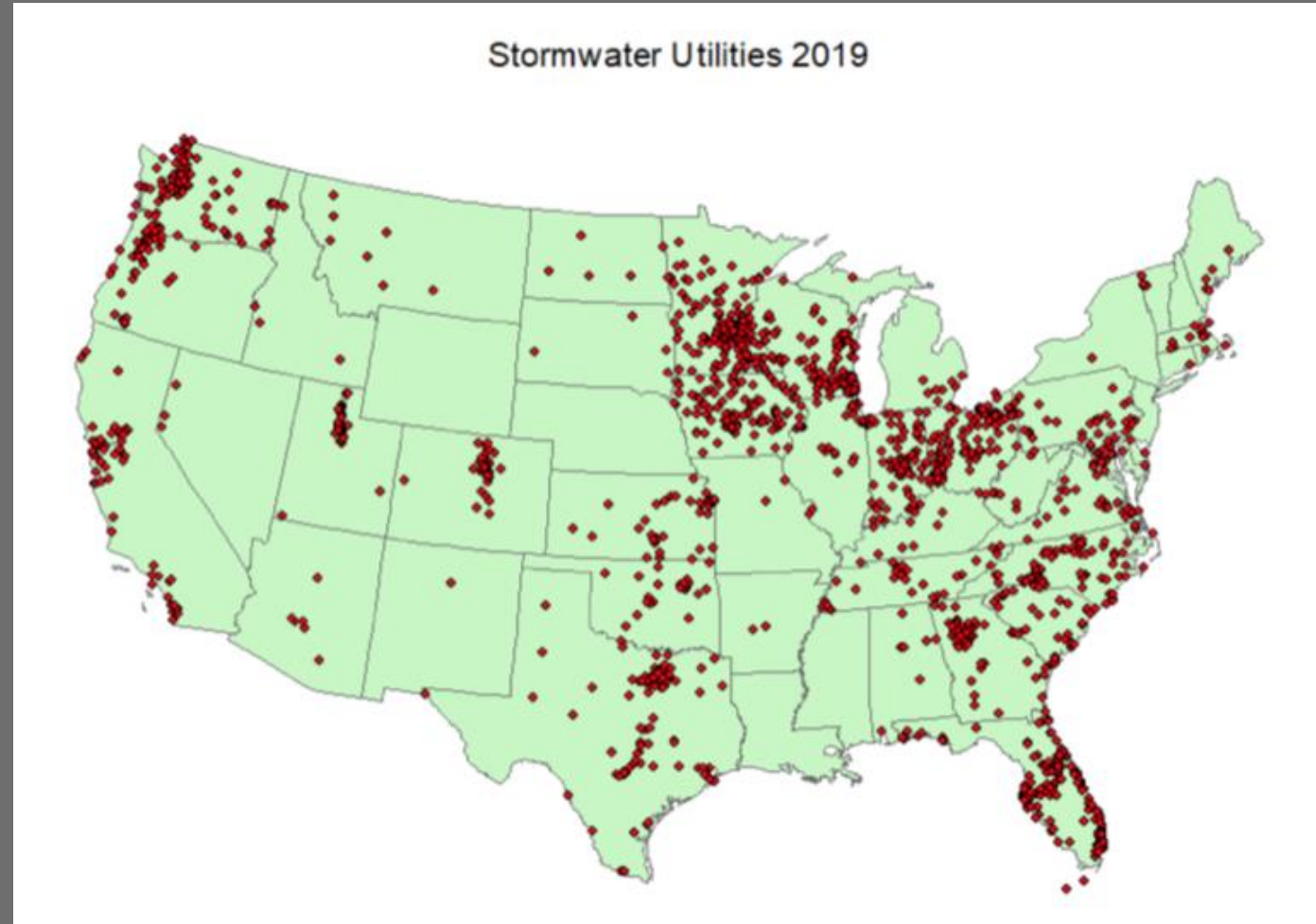
What is a Stormwater Utility?

- Fee for using stormwater infrastructure
- Provides reliable funding source for maintenance, upgrades, regulatory costs
- Separate from general fund
- Typically based on impervious cover
- Growing number in response to MS4



Across the Country

- 1716 (or more)
- 40 states
- 6 states have 100+
- Largest = L.A. (3M+ people)
- Smallest = Indian Creek Village, FL (88 people)
- Avg. monthly fee = \$5.85 (SFR)



(Western Kentucky University Stormwater Utility Survey 2019)

Across the Country

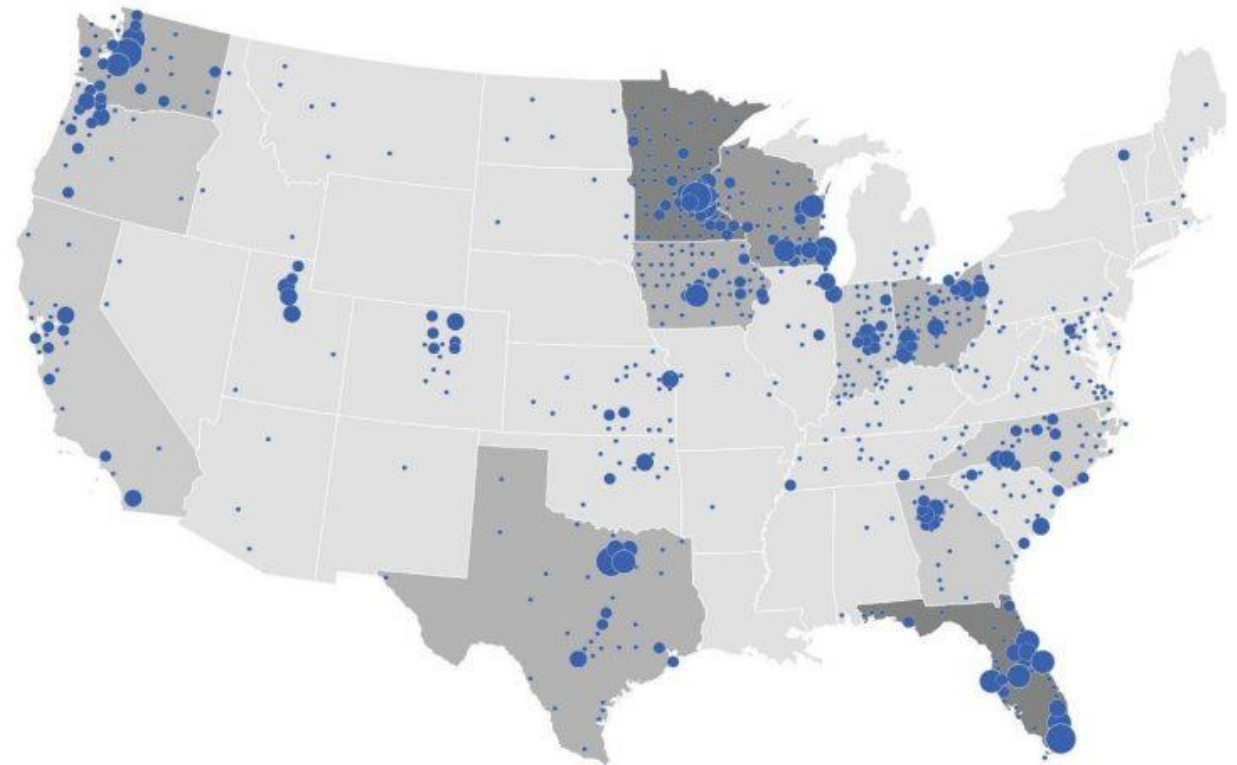
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FIGURE 1

Stormwater utilities are concentrated in only a few regions nationally

Number of Stormwater Utilities, By County and State, 2016

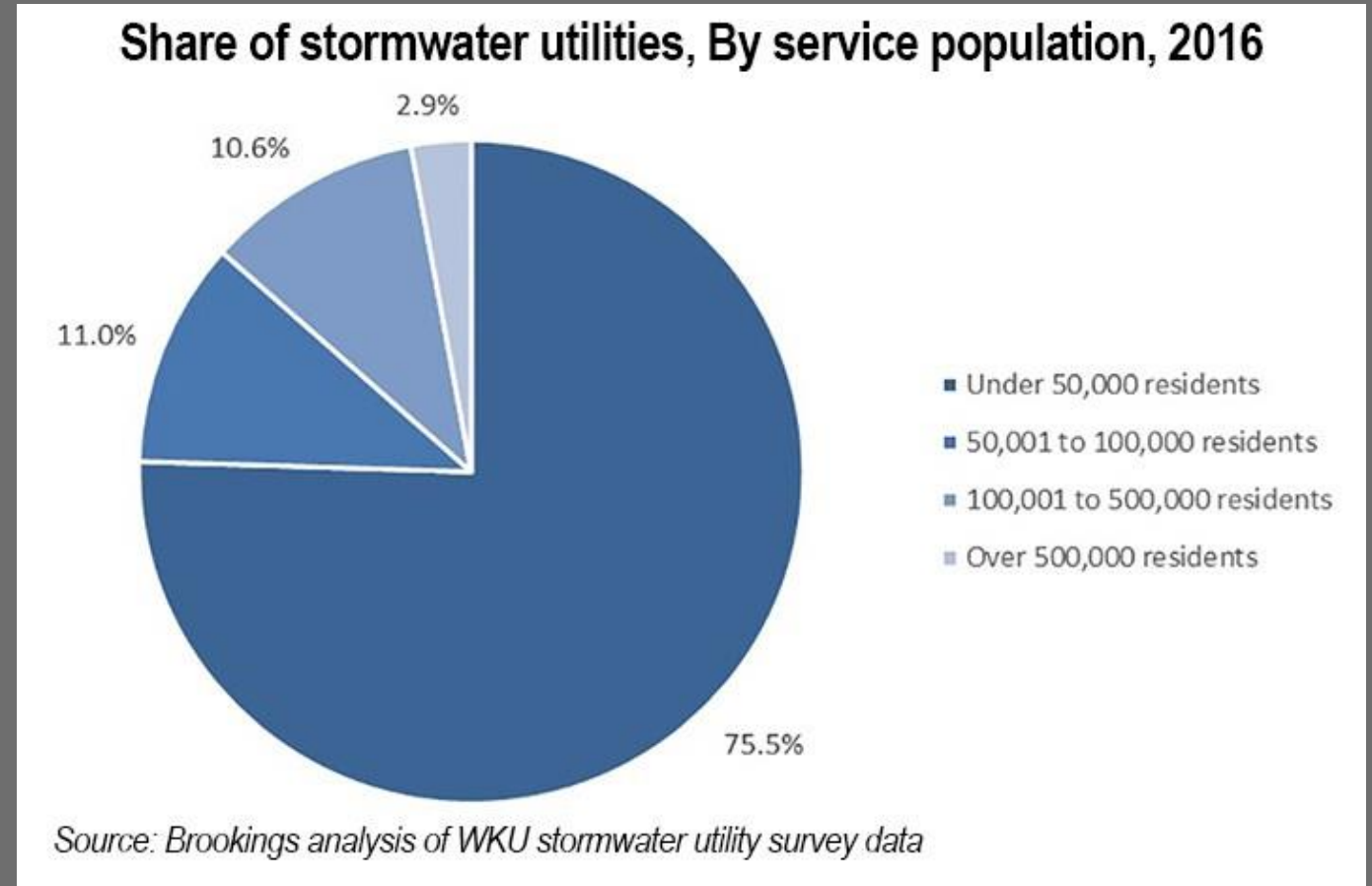
Number of Stormwater Utilities by County • 1 - 2 • 3 - 5 • 6 - 10 • 11 - 17 • 18 - 33
 Number of Stormwater Utilities by State ■ 0 - 40 ■ 41 - 80 ■ 81 - 120 ■ 121 - 160 ■ 161 - 197



Source: Brookings analysis of WKU stormwater utility survey data.

Across the Country

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22 (or so) in New England

Maine (5): Lewiston (2006), Long Creek (2010), Bangor (2012), Portland (2015), Augusta

Mass (11): Chicopee (1998), Reading (2006), Newton (2006), Fall River (2008), Westfield (2010), Gloucester (2011), North Hampton (2014), Milton (2016), Chelmsford (2017), Braintree (2019), Shrewsbury (2019)


VT (5): South Burlington (2005), Burlington (2009), Williston (2014), Colchester (2017), Saint Albans (2018)

CT (1): New London, CT (2018)

MENU  CONTACT US

The Day **Local News**

New stormwater authority tackles flooding in New London



BUY PHOTO

New London police officer Deana Nott walks back to dry land after talking to motorists stranded in their cars due to flooding on Bank St. in New London during torrential rains Wednesday, Sept. 12, 2018. (Sean D. Elliot/The Day)

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered on the page.

CITY OF NEW LONDON STORMWATER MANAGEMENT

HISTORY AND SUCCESSFUL IMPLEMENTATION

TALKING POINTS

- BRIEF OVERVIEW OF NEW LONDON'S STORMWATER NEEDS AND MS4 REQUIREMENTS
- DISCUSS THE LOGIC OF FUNDING STORMWATER SERVICES THROUGH A USER BASED FEE
- ESTIMATE REVENUE REQUIRED TO MEET PRIORITY NEEDS
- PRESENT A TIMELINE FOR FULL IMPLEMENTATION
- IMPORTANT FACTORS THAT LEAD TO A SUCCESSFUL IMPLEMENTATION

REMEMBER SEPTEMBER 11, 2015



BANK STREET



BROAD STREET

REMEMBER SEPTEMBER 11, 2015



BROAD STREET



GARFIELD & JEFFERSON

THE MS4 PERMIT

MS4 DEFINED

- **M**UNICIPAL
- **S**EPARATE
- **S**TORM
- **S**EWER
- **S**YSTEM

- THIS GENERAL PERMIT REQUIRES EACH MUNICIPALITY TO TAKE STEPS TO KEEP THE STORMWATER ENTERING ITS STORM SEWER SYSTEMS CLEAN BEFORE THAT STORMWATER ENTERS WATER BODIES

SIX MINIMUM CONTROL MEASURES

- PUBLIC OUTREACH
- PUBLIC PARTICIPATION
- ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)
- CONSTRUCTION SITE STORMWATER RUNOFF CONTROL
- POST CONSTRUCTION STORMWATER MANAGEMENT
- POLLUTION PREVENTION AND GOOD HOUSEKEEPING

CITY-WIDE STORMWATER INFRASTRUCTURE

STORMWATER SYSTEM ASSETS

- ESTIMATED VALUE OF MORE THAN \$50 MILLION
- DRAINAGE OUTFALLS: 60
- DRAINAGE STRUCTURES: 1,100
- CATCH BASINS: 1,100
- ROADS: 63 MILES (MOST WITH DRAINAGE PIPES)
- STORMCEPTORS®: 4
- ADDITIONAL MAPPING AND INVESTIGATIONS ARE NEEDED TO FULLY UNDERSTAND ASSETS

CURRENT LACK OF FUNDING LEADS TO OPERATIONS AND MAINTENANCE CHALLENGES

- NO DEDICATED STORMWATER STAFF – REACTIVE MAINTENANCE BASED ON IMMEDIATE PROBLEMS
- DEFERRED MAINTENANCE OF STORM SEWERS AND CATCH BASINS
- NO LONG TERM PROGRAM PLAN - HISTORICALLY “TASK ORIENTED” FOR PUBLIC WORKS BUDGETING PURPOSES
- CITY HAS NOT KEPT UP WITH INDUSTRY BEST PRACTICES FOR INFRASTRUCTURE RE-INVESTMENT WHICH IS 2% OF ASSET VALUE OR \$1,000,000 ANNUALLY
- MS4 STORMWATER PERMIT CONTINUES TO EVOLVE REQUIRING ADDITIONAL O&M RESOURCES



STORMWATER REGULATORY MANDATES

- THE CITY HAS BEEN AN MS4 PERMIT HOLDER SINCE 2003.
- THE PERMIT IS REQUIRED UNDER THE FEDERAL CLEAN WATER ACT AND ADMINISTERED BY THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (DEEP).
- THE MS4 PERMIT AUTHORIZES MUNICIPALITIES TO DISCHARGE STORMWATER FROM THE PUBLIC STORMWATER SYSTEM INTO LOCAL WATERS
- NEW MS4 PERMIT – **EFFECTIVE JULY 1, 2017**
- NEW REQUIREMENTS:
 - ENHANCED OPERATION, MAINTENANCE, AND MAPPING REQUIREMENTS
 - STORMWATER ACTIVITIES FOCUSING ON ILLICIT DISCHARGE AND DETECTION ELIMINATION (IDDE), POST CONSTRUCTION STORMWATER MANAGEMENT REGULATIONS AND STORMWATER RETROFITS
 - ADDITIONAL REQUIREMENTS REQUIRED TO ENHANCE BEST MANAGEMENT PRACTICES IN THE PUBLIC EDUCATION AND IDDE PROGRAMS TO ADDRESS WATER QUALITY IMPAIRMENTS - PHOSPHOROUS, NITROGEN, BACTERIA, AND MERCURY

STORMWATER MANAGEMENT FUNDING APPROACH

WHEN DO WE HAVE TO WORRY ABOUT THIS?

- WATER QUALITY ISSUES ARE A PROBLEM NOW AND STORMWATER MANAGEMENT IS PART OF THE SOLUTION
- STORMWATER PROGRAM IS NOT ADEQUATELY FUNDED ON AN ANNUAL BASIS TO MEET CURRENT NEEDS
- MS4 PHASE II PERMIT REQUIRES A SIGNIFICANT INCREASE TO EXISTING STORMWATER PROGRAMS

WHAT HAPPENS IF WE DO NOTHING?

- STILL HAVE TO MEET PERMIT CONDITIONS AND MANDATED PROGRAM INCREASES ARE EXPENSIVE
- DETERIORATION OF EXISTING ASSETS VALUED OVER \$50 MILLION
- MS4 NONCOMPLIANCE CAN RESULT IN FINES & POTENTIAL 3RD PARTY SUITS

WHY A STORMWATER UTILITY MODEL?

- FEE BASED SYSTEM PROVIDES AN EQUITABLE AND FLEXIBLE DISTRIBUTION OF COST
- NO IMPACT ON TAX BASE AND USERS PAY FOR THEIR IMPACT

STORMWATER PROGRAM FUNDING MECHANISMS

- **OPTION A: TAX INCREASE**
 - BASED ON PROPERTY VALUE
 - EXCLUDES CONTRIBUTION BY TAX EXEMPT PROPERTIES
 - FUNDING NOT GUARANTEED

- **OPTION B: STORMWATER UTILITY (USER FEE)**
 - BASED ON IMPERVIOUS COVER
 - ALL PROPERTY INCLUDED
 - DEDICATED FUNDING – STORMWATER ENTERPRISE FUND

BASIS FOR STORMWATER FUNDING

- ALL SYSTEM USERS PAY THEIR FAIR SHARE
- COMPLETELY BASED ON SQUARE FEET (SF) OF IMPERVIOUS COVER (IC) NOT PROPERTY VALUE
- RESIDENTIAL EQUIVALENT UNIT (REU) = 1000 SF OF IC
- CREDIT AND APPEALS SYSTEM
- QUARTERLY INTEGRATED BILLING SYSTEM WITH WATER AND SEWER BILLS
- ADEQUATE FUNDING FOR OPERATIONS AND MAINTENANCE AND CAPITAL IMPROVEMENTS

STORMWATER PROGRAM FEES

Property Type	Units	Total IC	% of IC	Average IC	REU	Quarterly Cost	Revenue
Residential							
0-1000	286	191,916	0.47%	671	1	\$ 7.50	\$ 8,580
1000-2000	1930	3,021,388	7.42%	1,565	2	\$ 15.00	\$ 115,800
2000-3000	1520	3,705,912	9.10%	2,438	3	\$ 22.50	\$ 136,800
3000 +	1218	5,504,091	13.52%	4,519	5	\$ 37.50	\$ 182,700
Commercial	828	16,880,522	41.46%	20,387	20.4	\$ 152.90	\$ 506,416
Tax Exempt	168	7,078,629	17.39%	42,135	42.1	\$ 316.01	\$ 212,359
Municipal	112	4,330,290	10.64%	38,663	38.7	\$ 289.97	\$ 129,909
Totals	6062	40,712,748	100.00%				\$ 1,292,563
Residential Equivalent Unit =		1000	Square Feet (SF) of Impervious Cover (IC) =			\$7.50	

RECOMMENDATIONS OF THE STORMWATER COMMITTEE

GENERAL RECOMMENDATIONS

- ESTABLISH A STORMWATER ORDINANCE
- CREATE A STORMWATER AUTHORITY
- ESTABLISH A USER BASED FEE FUNDING PLAN
- ESTABLISH A DEDICATED ENTERPRISE FUND FOR STORMWATER
- ADMINISTER THE PROGRAM THROUGH THE W&WPCA
- UTILIZE EXISTING CONTRACT OPERATIONS

IMPLEMENTATION TIMELINE

- MAR 2017 - WWPCA REQUEST TO COUNCIL FOR STORMWATER STUDY
- JUN 2017 - FIRST STORMWATER TASK FORCE MEETING (TOTAL OF 6 MEETINGS)
- MAY 2018 - PUBLIC HEARING TO CONSIDER SWU PROPOSAL
- JUN 2018 - COUNCIL APPROVAL AND CREATION OF A STORMWATER UTILITY
- OCT 2018 - FIRST STORMWATER CHARGES ON UTILITY BILLS
- OCT 2018 - STORMWATER MAINTENANCE WORK BEGINS

FACTORS THAT LEAD TO A SUCCESSFUL SWU IMPLEMENTATION

- ENABLING LEGISLATION
- PUBLIC OUTREACH AND TASK FORCE
- ESTABLISHED WWPCA
- UPDATED BILLING SOFTWARE
- IN HOUSE GIS CAPABILITIES
- IN HOUSE ENGINEERING
- SUCCESSFUL CONTRACT OPERATIONS
- HIGH PERCENTAGE OF TAX EXEMPT PROPERTIES
- POLITICAL SUPPORT

DETERMINING FEES BASED ON ZONING / ASSESSOR'S INFORMATION

	A	B	C	D	E	F	G	H	I	J
1	Street #	Street Name	PID	Grantee	Mailing Address	Use Code	Use Descript	Zone		
2		STUART AVE	1	NEW LONDON CITY OF_OCE	181 CAPTAINS WALK	903C	MUNICIPAL MDL_94	OS		
3		BRIDGE TO WATERFRD	2	NEW LONDON CITY OF_PEN	181 STATE ST	9030	MUNICIPAL MDL_00	OS		
4	76	NEPTUNE AVE	3	PICAZIO HARRY F III	28 GRASSY ILL RD	1010	Single Family	R_1A		
5	72	NEPTUNE AVE	4	PICAZIO HARRY F III	28 GRASSY HILL RD	1010	Single Family	R_1A		
6	68	NEPTUNE AVE	5	17 PARK STREET LLC	28 GRASSY HILL RD	1060	Land w_OBs	R_1A		
7	1153	OCEAN AVE	7	GUILLOCHEAU MARITZA MAIANO	1153 OCEAN AVE	1010	Single Family	R_1A		
8	1157	OCEAN AVE	8	HANRAHAN JAMES M And CHERYL L	305 GLENWOOD AVE	1010	Single Family	R_1A		
9	1165	OCEAN AVE	9	DUDDY JOHN S And JOANNE M	1165 OCEAN AVE	1010	Single Family	R_1A		
10	7	BENTLEY AVE	10	NEDZEL CORRINA L And CARL	7 BENTLEY AVE	1010	Single Family	R_1A		
11	11	BENTLEY AVE	11	CURCURO DONALD J	11 BENTLEY AVE	1051	Four Family	R_1A		
12	15	BENTLEY AVE	12	FAGIN SANDRA E	15 BENTLEY AVE	1010	Single Family	R_1A		
13	19	BENTLEY AVE	13	RETTURA VINCENZO	PO BOX 424	1010	Single Family	R_1A		
14	17	PARK ST	14	17 PARK STREET LLC	28 GRASSY HILL RD	1210	BOARDNG HS	R_1A		
15	94	NEPTUNE AVE	15	MARZANO CONCETTINA	639 RIDGE RD	1010	Single Family	R_1A		
16	90	NEPTUNE AVE	16	BARCELO DIANE M	90 NEPTUNE AVE	1010	Single Family	R_1A		
17	82	NEPTUNE AVE	17	GOUR LANA TRUSTEE	54 SOUTH MAPLE STREET	1010	Single Family	R_1A		
18	14	PARK ST	18	BLACKBURN JAMES D 85 And	PO BOX 1622	3020	INNS MDL_94	R_1A		
19	10	PARK ST	19	BLACKBURN VIVIAN	216 GLENWOOD AVE	1040	Two Family	R_1A		
20	41	STUART AVE	20	LAVOIE KENNETH J	501 DEEP WOOD DR	1050	Three Family	R_1A		
21	43	STUART AVE	21	NAPHEN MICHAEL And	43 STUART AVE	1010	Single Family	R_1A		
22	47	STUART AVE	22	SWAIN THOMAS W IV	47 STUART AVE	1050	Three Family	R_1A		
23	49	STUART AVE	23	LEADER SYLVIA TRUSTEE	15 CENTER CT	1010	Single Family	R_1A		
24	105	STUART AVE	24	STATTLER RANDALL C	105 STUART AVE	1010	Single Family	R_1A		
25	40	HIGHLAND AVE	25	KING WILLIAM F	40 HIGHLAND AVE	1010	Single Family	R_1A		

DETERMINING IMPERVIOUS COVERAGE WITH GIS



2012 Impervious Surface Download

Layers

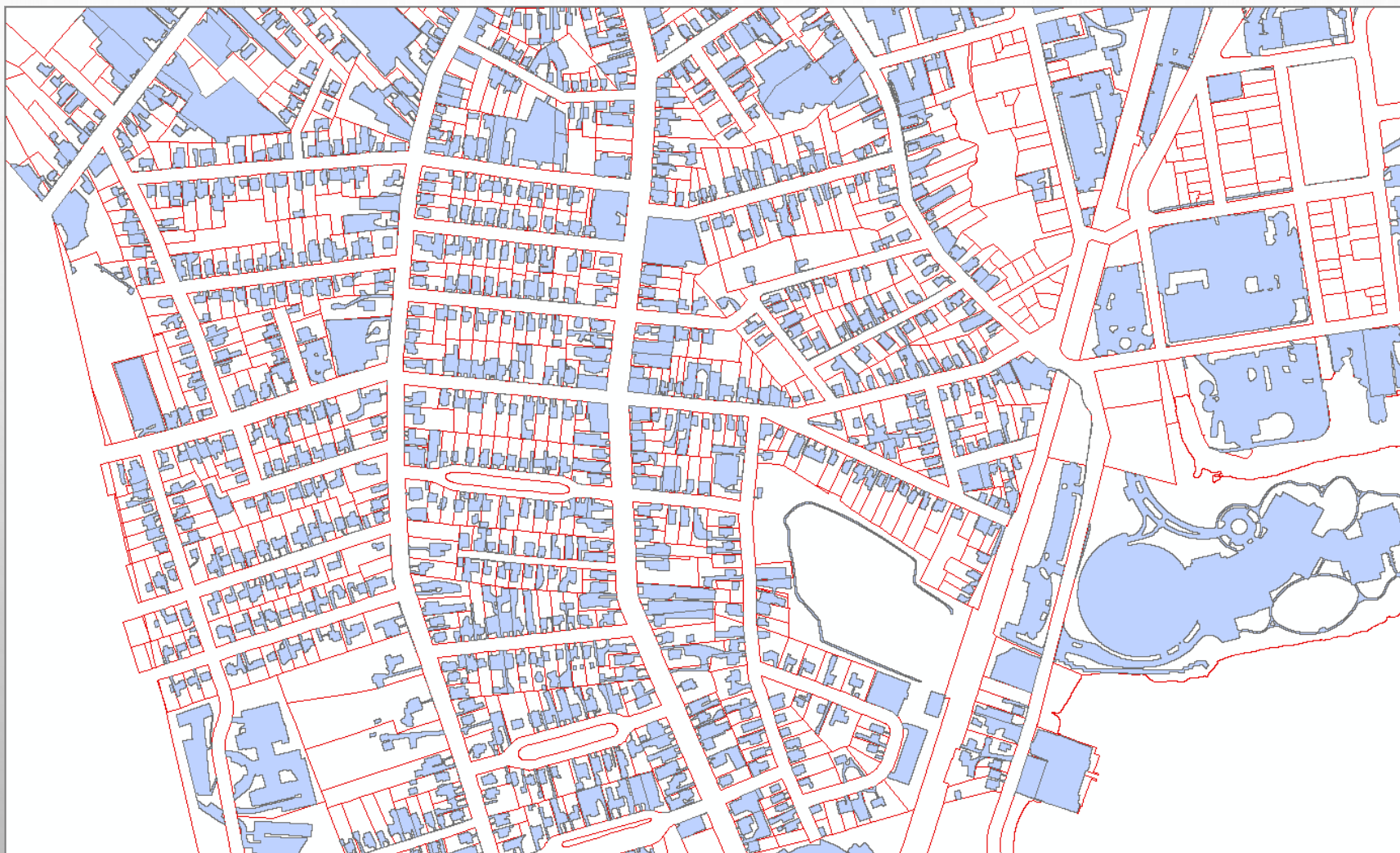
CT_StatewideImpervious_SoutheasternCOG_NewLondon_Buffer



REMOVING THE ROADS FROM THE LAYER

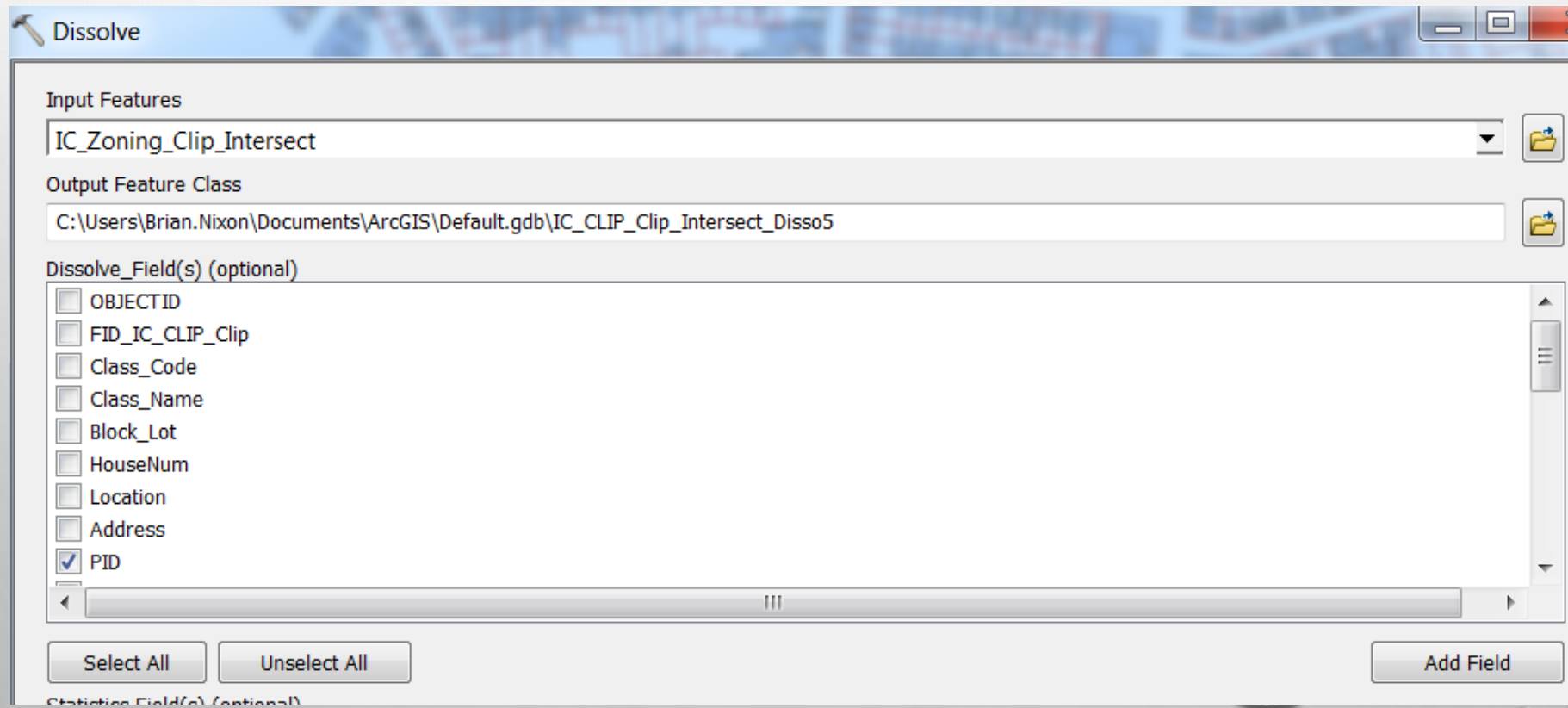


REMOVING THE SIDEWALKS FROM THE LAYER



COMBINING IC LAYER TO ZONING PARCEL LAYER

- INTERSECT
- DISSOLVE BY PID



DETERMINING IMPERVIOUS COVERAGE BY PARCEL

Table

IC_Zoning_Clip_Intersect_Dissolve

FID *	Shape *	PID	Shape_Length	Shape_Area	IC
1	Polygon	0	35288.299285	315122.8033	315122.8033
2	Polygon	1	19137.199167	626850.759249	626850.759249
3	Polygon	3	158.923397	834.006962	834.006962
4	Polygon	4	124.165563	721.508798	721.508798
5	Polygon	5	346.621154	5461.459007	5461.459007
6	Polygon	7	462.627548	4569.271925	4569.271925
7	Polygon	8	282.726194	2341.487681	2341.487681
8	Polygon	9	276.995044	1120.80293	1120.80293
9	Polygon	10	307.733086	1818.232271	1818.232271
10	Polygon	11	403.314159	2616.609321	2616.609321
11	Polygon	12	439.95998	2639.539046	2639.539046
12	Polygon	13	377.261704	1988.666948	1988.666948
13	Polygon	14	911.009091	12591.982927	12591.982927
14	Polygon	15	158.141416	1174.283463	1174.283463
15	Polygon	16	162.69127	1312.692584	1312.692584
16	Polygon	17	395.896717	1609.922022	1609.922022
17	Polygon	18	286.568245	2465.986025	2465.986025
18	Polygon	19	338.155029	2665.472822	2665.472822
19	Polygon	20	298.213276	3596.329406	3596.329406
20	Polygon	21	414.093069	2150.284218	2150.284218
21	Polygon	22	146.8452	1030.491053	1030.491053
22	Polygon	23	161.377287	928.764989	928.764989
23	Polygon	24	196.148896	1921.07579	1921.07579
24	Polygon	25	275.147157	1596.901676	1596.901676
25	Polygon	26	399.089678	2108.357234	2108.357234
26	Polygon	27	298.453702	2535.418177	2535.418177
27	Polygon	28	298.61085	2602.083727	2602.083727
28	Polygon	29	310.545517	2593.141174	2593.141174
29	Polygon	30	314.328075	2558.344799	2558.344799
30	Polygon	31	274.279136	2369.793897	2369.793897
31	Polygon	32	283.574119	2919.261031	2919.261031
32	Polygon	33	189.11072	1589.016531	1589.016531
33	Polygon	34	305.276556	2710.762481	2710.762481
34	Polygon	35	468.08074	1799.036565	1799.036565
35	Polygon	36	371.470415	2481.871166	2481.871166
36	Polygon	37	424.961485	2676.549393	2676.549393
37	Polygon	38	302.807452	2314.51791	2314.51791
38	Polygon	39	216.205963	1417.342757	1417.342757
39	Polygon	40	184.540542	1447.692100	1447.692100

1 (0 out of 6170 Selected)

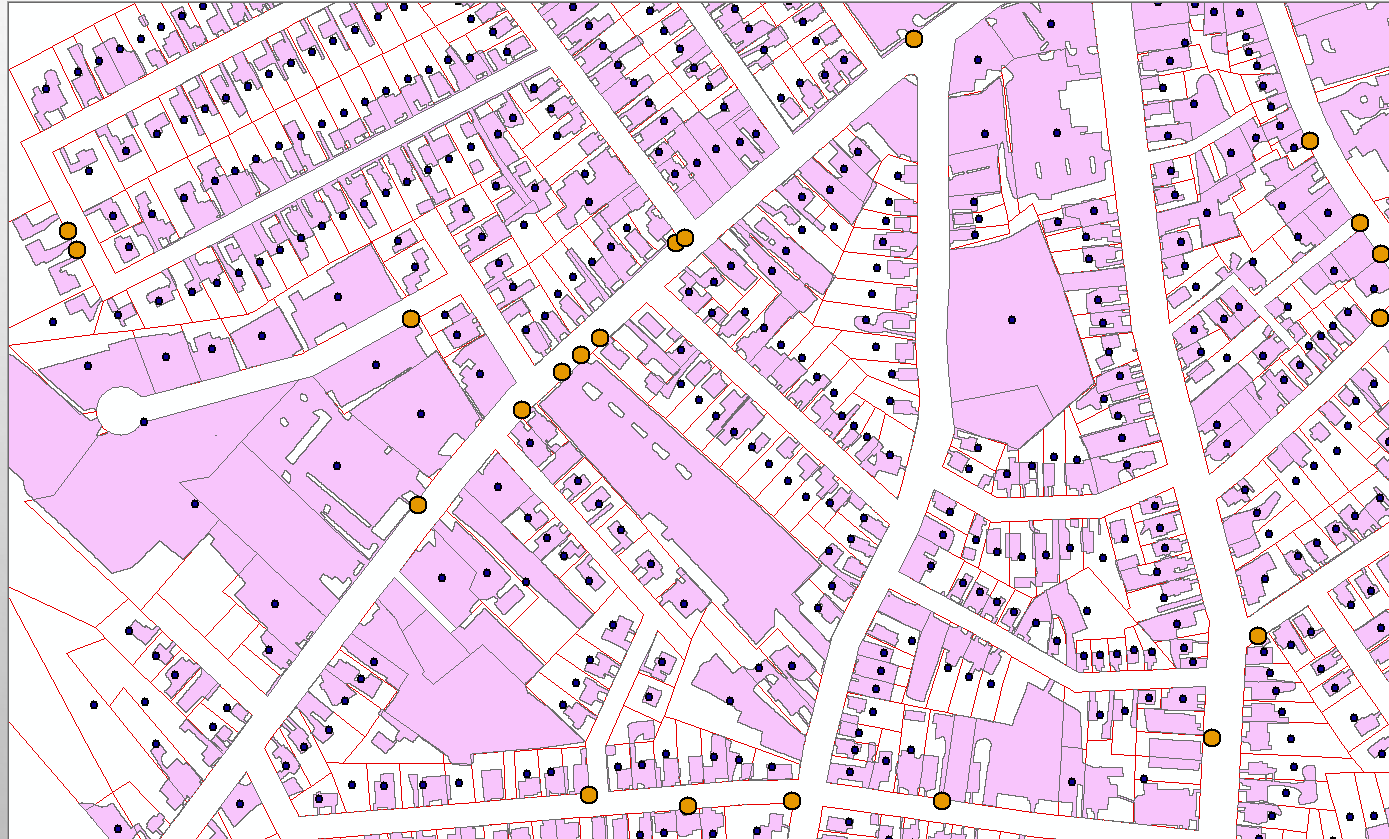
IC_Zoning_Clip_Intersect_Dissolve

LINKING BILLING SOFTWARE WITH IC LAYER

- ISSUES
 - NO MATCHING FIELD
 - MULTIPLE METERS PER ACCOUNT
 - DIFFERENT ADDRESSES THAN THE ASSESSOR'S INFORMATION
 - NEW ACCOUNTS NEEDED FOR PROPERTIES WITHOUT SEWER/WATER

LINKING BILLING SOFTWARE WITH IC LAYER (CONTINUED)

- EXPORTED BILLING SOFTWARE REPORT OF ALL ACTIVE CUSTOMERS IN NEW LONDON
- GEOCODED ADDRESSES



LINKING BILLING SOFTWARE WITH IC LAYER (CONTINUED)

Spatial Join

Target Features
CIS_Customers

Join Features
Zoning_wo_sidewalks

Output Feature Class
C:\Users\Brian.Nixon\Documents\ArcGIS\Default.gdb\CIS_Customers_SpatialJoin2

Join Operation (optional)
JOIN_ONE_TO_ONE

Keep All Target Features (optional)

Field Map of Join Features (optional)

- Loc_name (Text)
- Status (Text)
- Score (Double)
- Match_type (Text)
- Match_addr (Text)
- Descr (Text)
- PlaceName (Text)
- StAddr (Text)
- Place_addr (Text)
- Nbrhd (Text)
- City (Text)
- County (Text)
- State (Text)
- StateAbbr (Text)
- Country (Text)
- LangCode (Text)

Match Option (optional)
COMPLETELY_WITHIN

Search Radius (optional)

Distance Field Name (optional)

OK Cancel Environments... Show Help >>

Join Data

Join lets you append additional data to this layer's attribute table so you can, for example, symbolize the layer's features using this data.

What do you want to join to this layer?
Join attributes from a table

1. Choose the field in this layer that the join will be based on:
PID
2. Choose the table to join to this layer, or load the table from disk:
CIS_Customers_SpatialJoin
 Show the attribute tables of layers in this list
3. Choose the field in the table to base the join on:
PID

Join Options

Keep all records
All records in the target table are shown in the resulting table. Unmatched records will contain null values for all fields being appended into the target table from the join table.

Keep only matching records
If a record in the target table doesn't have a match in the join table, that record is removed from the resulting target table.

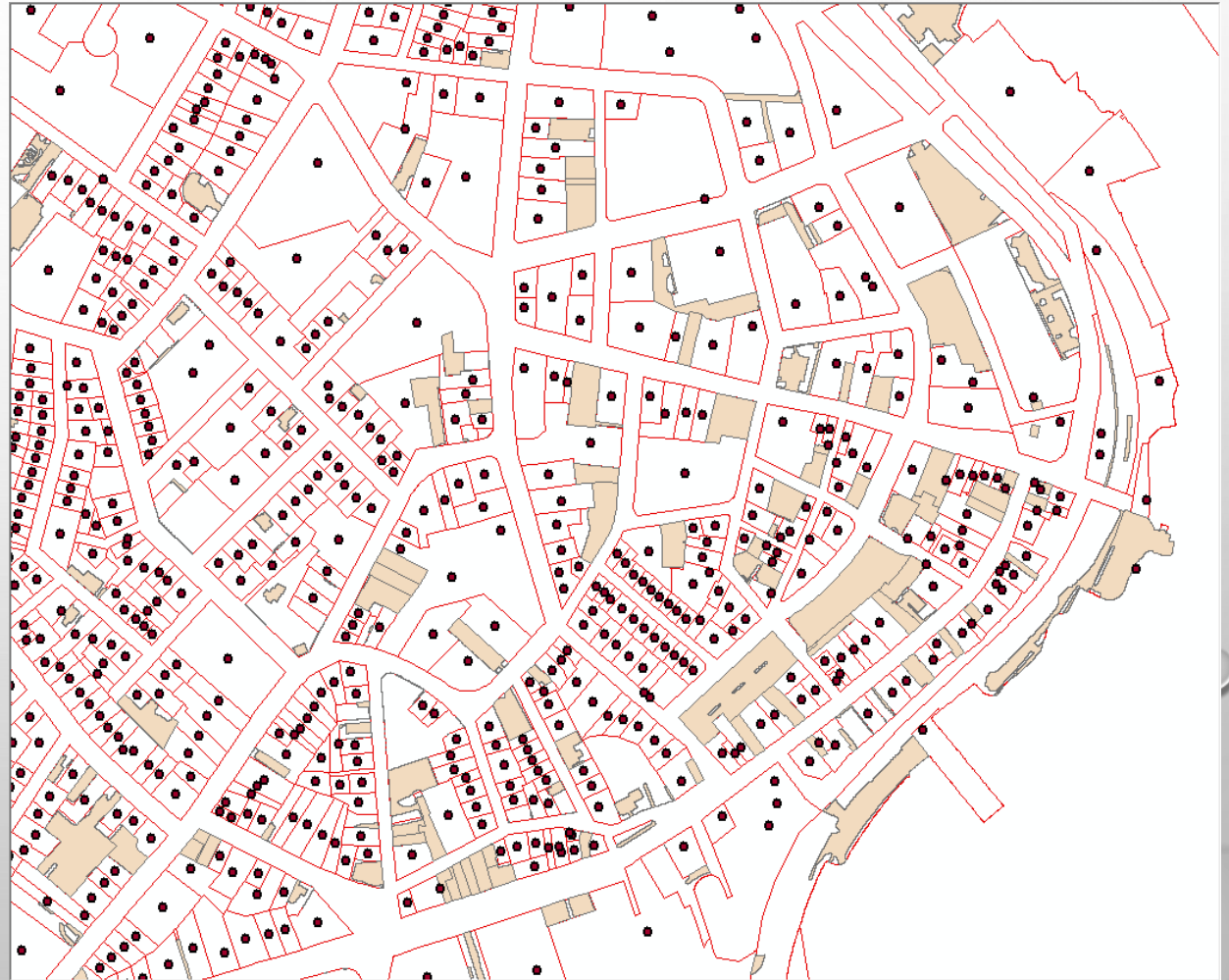
Validate Join

[About joining data](#)

OK Cancel

LINKING BILLING SOFTWARE WITH IC LAYER (CONTINUED)

- 561 PARCELS WITHOUT ACCOUNTS



STORMWATER BILLING IMPLEMENTATION

AccountView - X

Previous Active Next History 1 4 Add Copy Mass Add Refresh Search Contact Letter Note S/O Action Arrangement Task Open Previous Next Close

Customer Account New Services Records Create Filter

Customer: 000173
 Account: 008684
 CITY OF NEW LONDON
 0 OCEAN BEACH Park
 NEW LONDON, CT 06320
 () -

Balance: \$0.00
 Last Bill: \$48.09 Due 9/28/2018
 Deposit: \$0.00
 Plan: None
 Next:

Active
 Municipal
 Moved in 10/9/1991
 Owner

Cycle 02B / Book 06
 Dial#: 60408103
 Remote#: 1440239528
 Current Read:

Collections Okay

Customer Service Address Customer/Account Services X Addresses Transaction History Reading History Bills Comments Move In/Out ACH Meter Re

Water Sewer Stormwater

Service Information

Installed/Previous Reading Date 09/28/2018
 Date Service Installed 09/27/2018
 Date Service Removed
 Reference Number
 Effective Date
 Activation Date
 Deactivation Date
 Credit Code
 Usage Discount Code
 Interval Metering Type Unknown
 Meter Room
 Key Reference Number
 Master Meter
 Service Multiplier Code 1
 Service Multiplier Code 2

Service Bill Codes

Billing Code ST3 - Storm Water - Municipal - New London

Basic Multipliers

Multiplier Description	Multiplier	Start Date	End Date	Notes	Info Only
> Square Ft.	621385.622646	9/27/2018		0	

Meters

Meter #	Service	Read Type	Meter Bill Code	Dials	Remote Type	Le
---------	---------	-----------	-----------------	-------	-------------	----

What about other towns?

M. Randall Collins Jr. - Advocacy Manager for Public Policy & Advocacy with Connecticut Conference of Municipalities (CCM).

CCM is the state's largest, nonpartisan organization of municipal leaders, representing towns and cities of all sizes from all corners of the state, with 169 member municipalities.

More than 20 years' experience working at the State Capitol representing a wide range of clients before the General Assembly, Executive Branch and State Agencies and has worked at CCM for 7 years.

Randy oversees the Committees on Commerce, Finance Revenue & Bonding, Government Administration & Elections, Transportation, and Veterans' Affairs. He has also focused on Land Use, and Environmental policy issues and was the CCM lead in negotiating the current MS4 permit.

Outside of the Capitol, Randy served 6 years in the United States Marine Corps and deployed twice in support of Operation Enduring and Operation Iraqi Freedom. He currently lives in West Hartford with his wife Valerie and two young sons Jackson and Reagan.

