

BUREAU OF PUBLIC WORKS REGULAR MEETING WEDNESDAY, SEPTEMBER 30, 2020 5:00 PM

Location

Board Room District Headquarters 555 Main Street, Hartford Commissioners

Magnan Marotta Pane Patel

Bush
Currey
DiBella (Ex-Officio)

Healy

Avedisian

Adil

Sweezy Taylor Torres

Hoffman (VC)

Vicino (C)

Lester

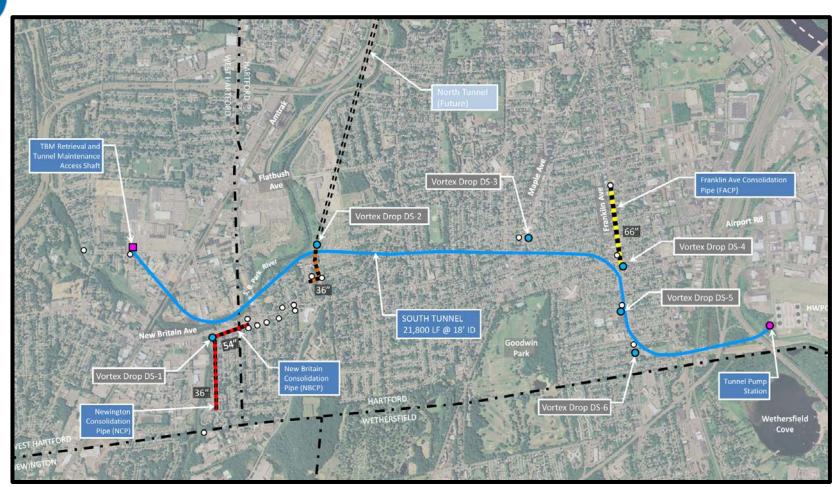
Woulfe

Quorum: 9

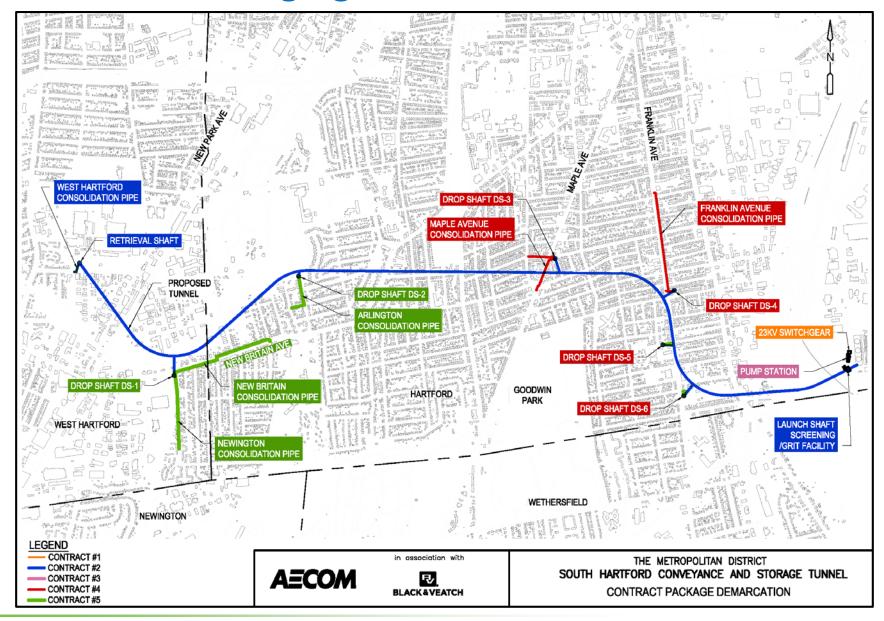
- 1. CALL TO ORDER
- 2. PUBLIC COMMENTS RELATIVE TO AGENDA ITEMS
- 3. APPROVAL OF MEETING MINUTES OF APRIL 28, 2020
- 4. REPORT RE: SOUTH HARTFORD CONVEYANCE & STORAGE TUNNEL
- 5. DISCUSSION RE: MISCELLANEOUS INDUSTRIAL USER GENERAL PERMIT
- 6. DISCUSSION RE: BERLIN WATER CONTROL DEPARTMENT
- 7. CONSIDERATION AND POTENTIAL ACTION RE: SEWAGE SLUDGE INCINERATORS NEW SOURCE PERFORMANCE STANDARDS (POSSIBLE EXECUTIVE SESSION)
- 8. OPPORTUNITY FOR GENERAL PUBLIC COMMENTS
- 9. COMMISSIONER COMMENTS & QUESTIONS
- 10. ADJOURNMENT



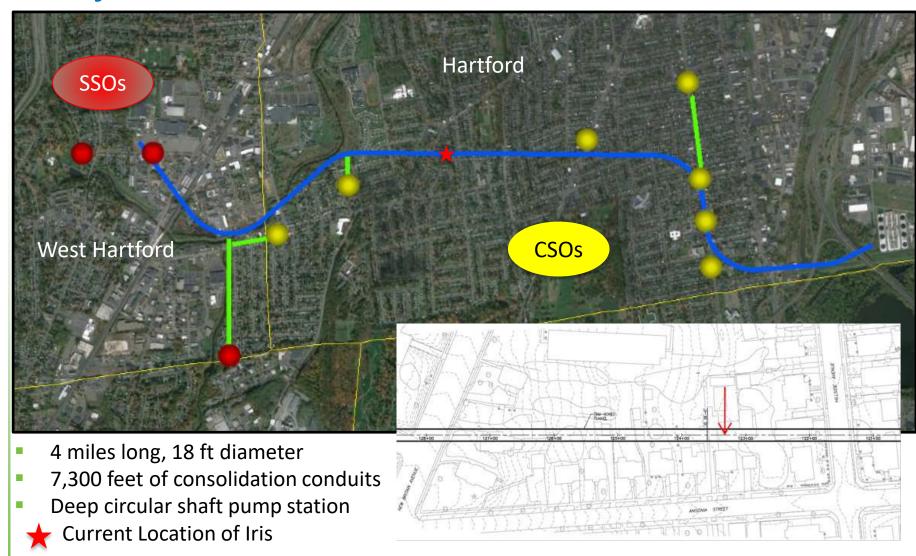
South Hartford Conveyance and Storage Tunnel – *Project Update:* September 30, 2020



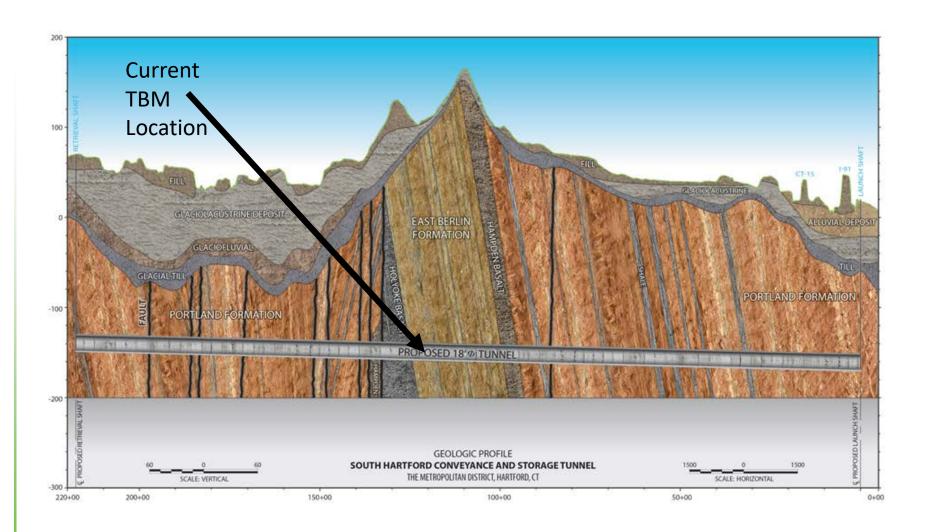
Contract Packaging



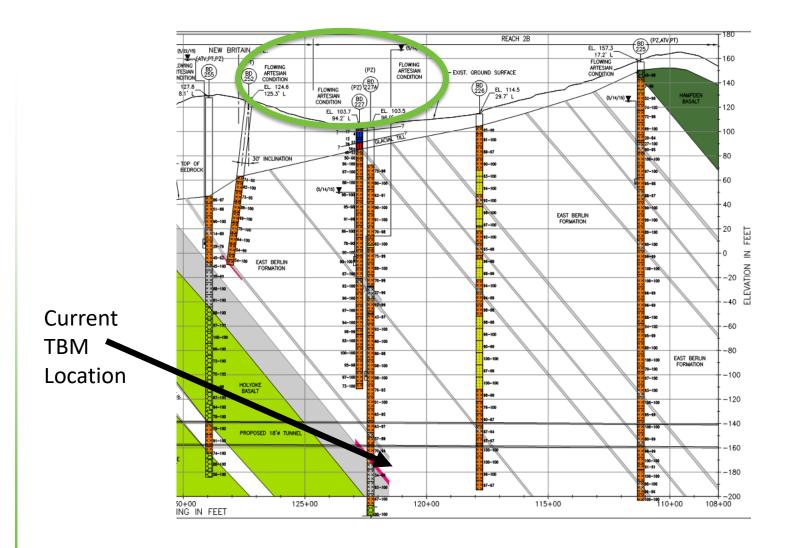
Project Overview



General Geologic Profile



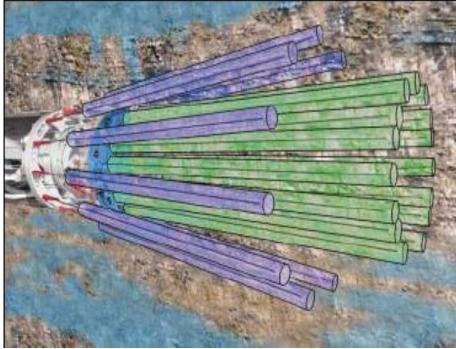
Profile in current area



Risk Management Approach

- Geotechncial investigation program identified this area to have potential for high water pressures and inflows
- Requirement for probing and grouting (if required) ahead of machine prior to mining





Contract 2 Status

Tunnel

- TBM went underground late summer 2018.
- Tunnel length excavated through September 11, 2020: 11,840 feet.
- 9,418 feet remaining.
- Scheduled completion of mining: August 21, 2021

Pump Station Shaft

- Excavation completed fall 2018
- Concrete liner pours completed; remedial grouting & patching ongoing
- Estimated Completion: October 2020
- Pump Station Completion Milestone Date July 27, 2019

Retrieval Shaft

- Shaft completed in June 2020.
- 32' in diameter and 218' deep.
- Odor Control Building and shallow utilities currently under construction.
- Completion and final restoration scheduled for May 2022.

Drop Shafts

All work complete

Contract 2 – Contractual Milestone Status 09/22/2020

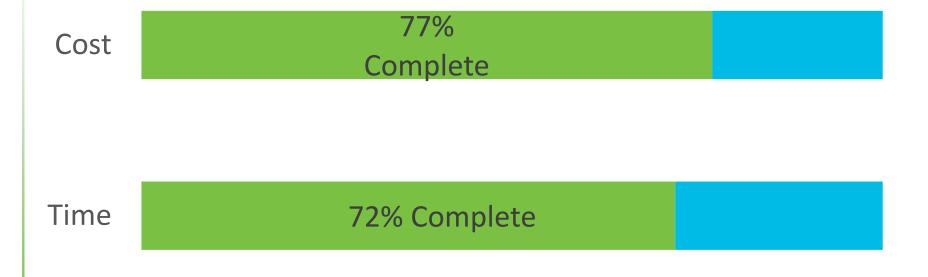
Milestone	Description	Contractual	KOJV Update #47	CM Analysis
3	Tunnel Pump Station Shaft Complete	7/27/19	9/3/20	4/30/21
4	Launch Shaft Complete	8/9/20	9/24/21	2/9/22
5	Odor Control Facility Work Complete	3/13/22	5/25/22	12/13/22

Contract 2 Status

CONTRACT COMPLETION DATE: MAY 2022

Contract Value: \$279,400,000

- Change Order total to date: \$6.6 M due to tunnel crew hour and grout exceedances
- Proposed Differing Site Condition in Reach 1 will be referred to DRB



Status as of September 14, 2020

Dispute Resolution Board (DRB)

- Standard process in large underground construction projects
- Independent panel of experts chosen jointly by MDC and contractor
- DRB has been meeting regularly with project team throughout project to stay informed of progress and issues
- Parties can bring unresolved disputes to DRB through a hearing process
- DRB offers recommendation for resolution of dispute

Retrieval Shaft and Air Treatment Building – Sept. 2020



KENNY/OBAYASHI IV, A JOINT VENTURE SOUTY-MATTER CONVEYANCE AND STORAGE TUNNEL CONTRACT 2015-B27 VIEW: RETRIEVAL SHAFT AREA > W PHOTO:12545.049.001 DATE: 8/19/2020

BERNSTEIN ASSOCIATES PHOTOGRAPHERS

Retrieval Shaft Site (Air Treatment Building) – Sept. 2020



KENNY/OBAYASHI IY, A JOINT VENTURE SOUTH HARTFORD CONVEYANCE AND STORAGE TUNNEL CONTRACT 2015-827 VIEW: RETRIEVAL SHAFT AREA > SE PHOTO:12545.049.010 DATE: 8/19/2020

BERNSTEIN ASSOCIATES PHOTOGRAPHERS

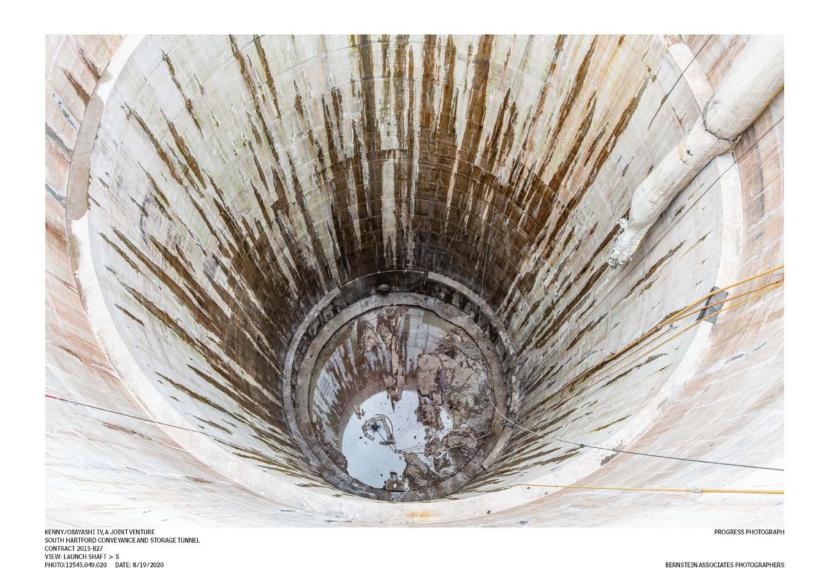
Retrieval Shaft Site (Air Treatment Building) – Sept. 2020



PHOTO:12545.049.018 DATE: 8/19/202

REDNISTEIN ASSOCIATES BHOTOGRADHERS

Pump Station Shaft – September 2020

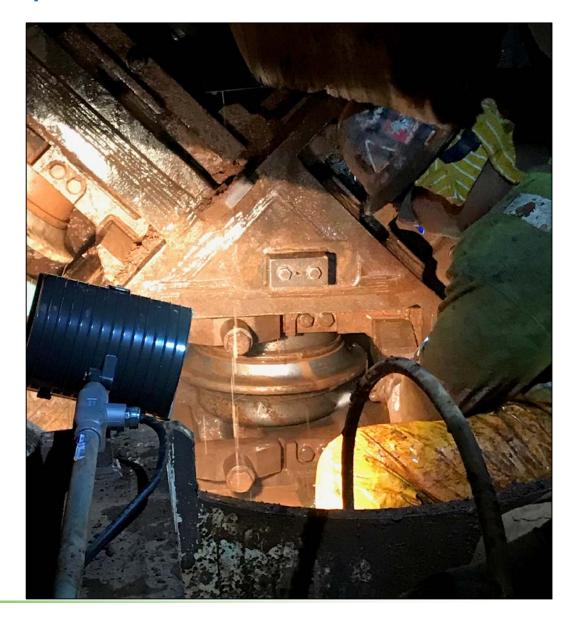


14

Tunnel Curve



Cutter replacement



Contract 5 – Arlington, Newington & New Britain Conduits

- Awarded to Empire Paving Inc. in January 2020 for \$37,600,842
- 42% grant (mix of CSO and SSO)/58% loan
- NTP April 1, 2020
- New diversion structures
- Consolidation conduits by microtunneling
 - Hillcrest Ave ~ 1,800 feet, 36"
 - New Britain Ave ~ 1,100 feet, 54"; 1,200 feet 30"
 - Arlington St ~ 1,000 feet, 42"
- 2 Drop Shaft Facilities
 - DS-1: Hillcrest & New Britain Aves, WH; DS-2: Brookfield Street, HTFD.
 - Approach channels and gate chambers
 - Odor control equipment
 - Site landscaping and enclosures

Contract 5 – Arlington, Newington & New Britain Conduits

Contract 5 eliminates:

SSO

- Newington Trunk Sewer Hillcrest Avenue
 - Regulator is located on private lands in West Hartford.
 - Outfall is to a small intermittent stream, which flows to Piper Brook

Contract 5 <u>controls</u>:

CSOs up to a 1-year storm

- S-19
 - Arlington St and Stone St
- S-21
 - Natick St and Arlington St
- S-23, S-24, S-25, S-26, S-27, S-28, S-29, S-30
 - S-23 through S-30 are located along New Britain Avenue.
 - S-19 to S-21 and S-23 through S-30 all discharge to the South Branch of the Park River via the storm system.

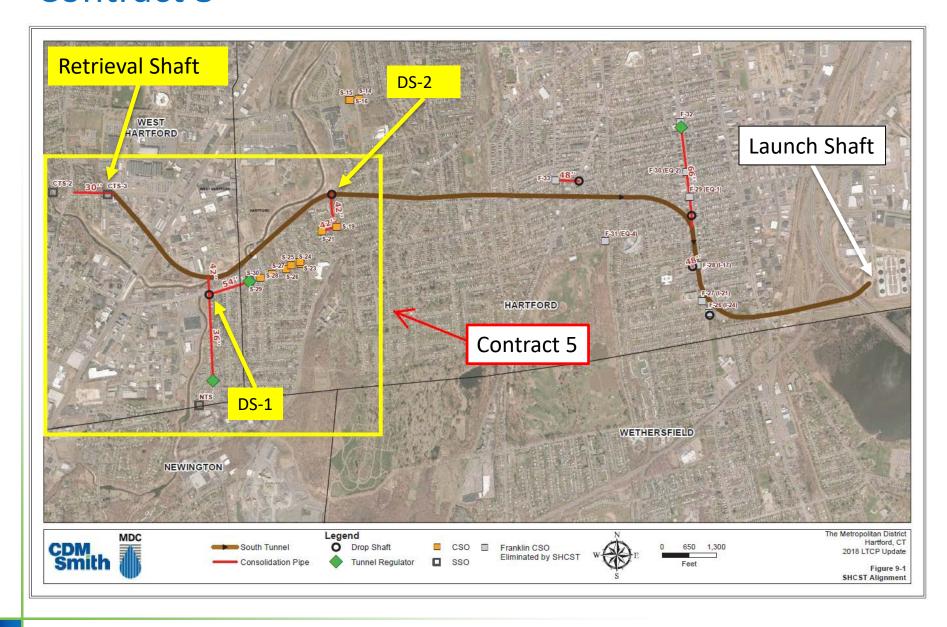
Contract 5 Status

Status as of September 9, 2020

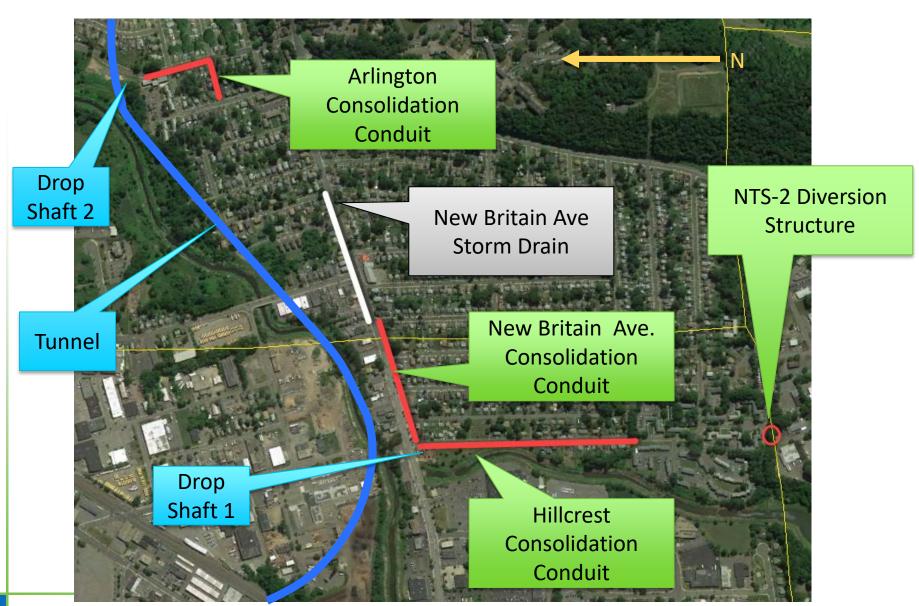
CONTRACT COMPLETION DATE: OCTOBER 2023



Contract 5



Contract 5



Contract 5 – Arlington, Newington & New Britain Conduits

Progress

- Working on Hillcrest Avenue and Arlington Street areas.
- Hillcrest Avenue: Preparation for MTBM
- Arlington Area: Utility relocations and support of excavation ongoing.
- New Britain Avenue: Utility work.

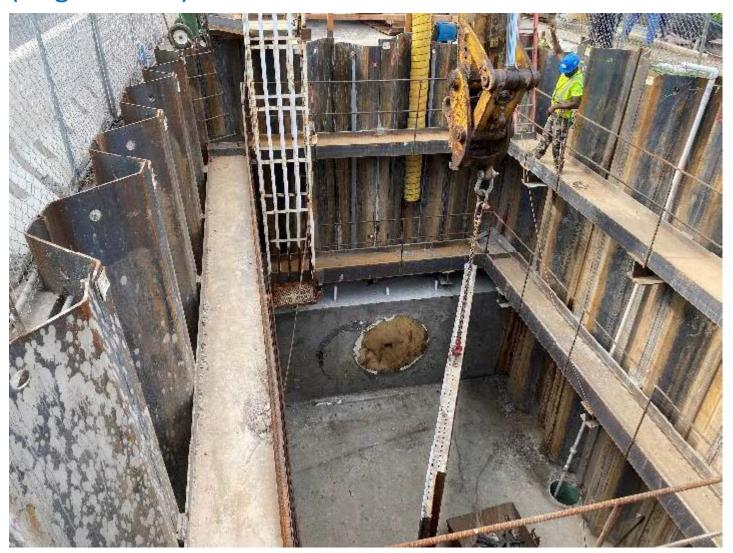
Schedule

- Substantial Completion August 23, 2023
- Field Completion October 27, 2023
- On schedule
- Hillcrest Avenue: Micro TBM tunnel late Sept/early Oct.
- Arlington Area: Tunnel drive scheduled for April 2021
- New Britain Avenue: Tunnel drives scheduled for June 2021.

Contract 5 – Installation of sheet piles at DS-2 for Arlington Consolidation Conduit



Contract 5 – Hillcrest Ave: Microtunneling entry portal, man hole #2 (August 2020)



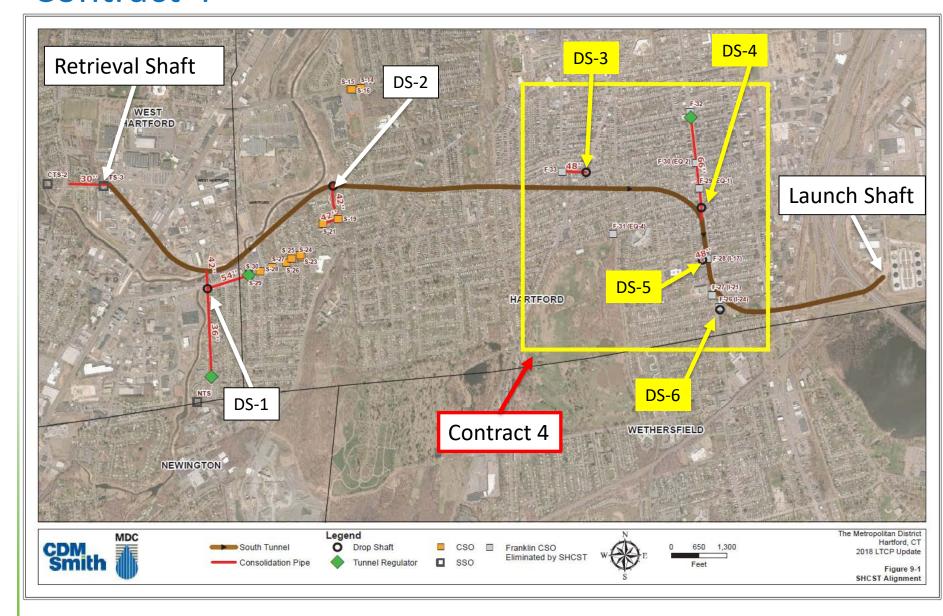
Contract 5 – Microtunneling TBM



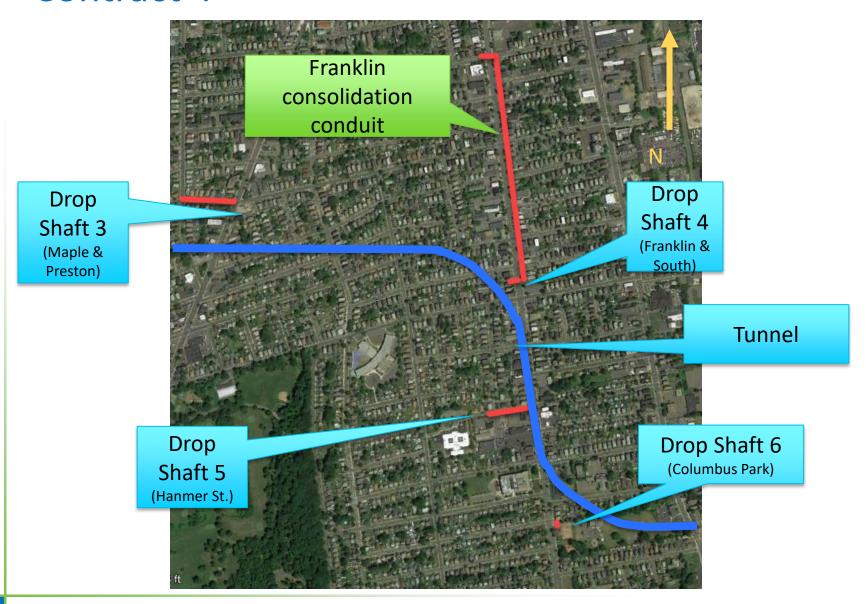
Contract 4 – Franklin Avenue Area Consolidation Conduits

- Bids received in March 2020.
- NorthEast Remsco was the only bidder with a submitted total of \$83,977,000. The Engineer's Opinion of Probable Construction Cost was \$50,700,000, which was prepared and submitted in the Fall of 2019.
- 50% grant/50% loan
- Project not awarded.
- CDM-Smith performed independent review and developed alternatives.
- Project Scope
 - New diversion structures
 - Consolidation conduits
 - Franklin Avenue Rock Tunnel ~ 2,300 feet, 66" finished diameter
 - Shorter conduits from other diversion structures
 - 4 Drop Shaft Facilities
 - Approach channels and gate chambers
 - Odor control equipment
 - Site landscaping and enclosures

Contract 4



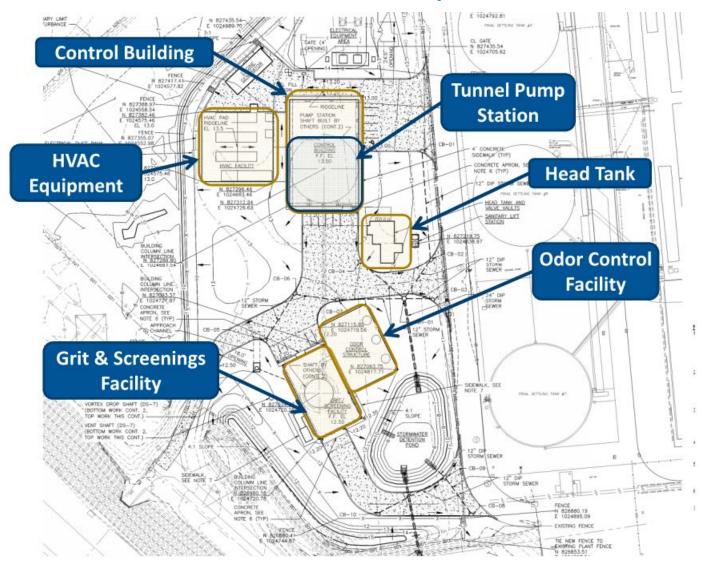
Contract 4



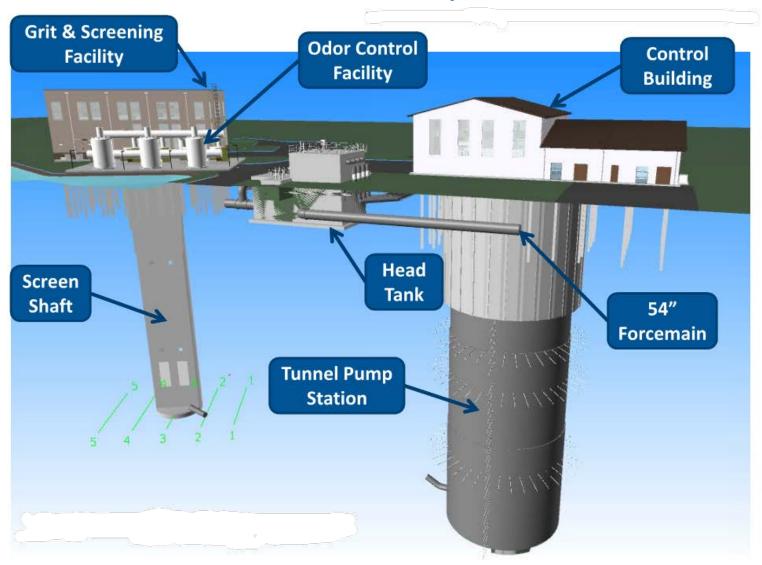
Contract 3 – Tunnel Pump Station

- Advertising Fall of 2020
- Contingent on availability of Launch and Pump Station Shaft (Contract 2)
- 48% grant (mix of CSO and SSO)/52% loan
- Funding anticipated from DEEP
- Contract 2 is building shafts
 - Tunnel launch shaft becomes grit & screening facility
 - Tunnel pump station shaft
 - Suction header connects the two shafts
- Major Equipment
 - Grit & Screening Bar Rack, Rake, Clamshell
 - Pumps (4), valves, etc.
 - Odor Control
 - Backup Generators
- Buildings Pump Station, Grit & Screenings
- Head Tank
- Force main to HWPCF headworks
- Systems Integration
- Site restoration/wetlands mitigation

Contract 3 – Tunnel Pump Station



Contract 3 – Tunnel Pump Station



Thank you!



CT DEEP Miscellaneous Industrial User (MIU) General Permit

- CT DEEP has developed a new General Permit for Non-Significant Industrial Users for discharges to Sanitary Sewers.
 - Permit goes into effect on October 31, 2020.
 - Permit is applicable for discharges less than 25,000 gallons per day
- Previous permitting and enforcement was conducted by CT DEEP; in 2019 DEEP informed CT Publicly Owned Treatment Works (POTW) operators that these environmental permitting functions would be passed on to the local municipalities and POTWs.
- The new permit requires the POTWs that receive the discharge will receive the notification from the discharger and review for compliance.
- All Significant Industrial Users are still permitted by CT DEEP through either a Wastewater Discharge General Permit or Individual Permit
- In anticipation of this new requirement, MDC has modified its rate sheet for 2020 with the creation of an annual Wastewater Discharge Compliance Fee (\$150/yr (Billed Monthly)) and has modified the existing FOG violation fee schedule to incorporate potential MIU GP violations. Administrative Review fee is also applicable for all new permits and renewals. Customers will not be subject to current CT DEEP permit fees under this new permit.

Customers to be Impacted by the MIU GP

Group I – Process Water Dischargers

- Commercial laundry wastewater
- Contact cooling and heating wastewater
- Cutting and grinding wastewater
- Food processing wastewater (including breweries and distilleries)
- Non-destruct testing rinsewater
- Printing and photographic processing wastewater
- Reverse osmosis reject water
- Tumbling or cleaning of parts wastewater
- Water treatment wastewater

Group II – Non-Process Water Dischargers

- Air compressor condensate & blowdown
- Boiler blowdown wastewater
- Building maintenance wastewater
- Fire suppression system testing wastewater
- Hydrostatic pressure testing wastewater
- Non-contact cooling water
- Potable water system maintenance or sampling wastewaters
- Swimming pool wastewater
- Vehicle maintenance wastewater



TOWN OF BERLIN

Water Control Commission

240 Kensington Road • Berlin, CT 06037 **Office** (860) 828-7065 • **Fax** (860) 828-7180

CERTIFIED MAIL 7017 3380 0000 1148 2331

July 1, 2019

Metropolitan District Commission Mr. Scott W. Jellison, Chief Executive Officer MDC Headquarters 555 Main Street Hartford, CT 06103



Subject: Re-payment of water/sewer services provided by the Berlin Water Control Commission

Dear Mr. Jellison;

I am writing to address a long-outstanding issue that has not been fully addressed by our respective organizations. As a matter of brief history, both of our organizations have depended on each other to provide water and sewer service in Berlin, Newington, and Rocky Hill. There have been many Agreements set in place that have attempted to identify responsibilities, and compensation for those services.

While upgrading our MDC water booster station in Berlin (corner of Rowley St. and Berlin Turnpike), I discovered several instances where the MDC has not reimbursed the Berlin Water Control Commission (BWCC) in accordance with previous contracts. Following my discovery, I met with a couple of MDC employees (Ms. Susan Negrelli and Mr. Jason Waterbury), and they were helpful in addressing some issues, however, the issue of payments to BWCC remains outstanding.

Specifically, although the BWCC was partially paid for past oversight, there must be compensation for on-going services the BWCC provides to the MDC and its customers. We are obligated to recover our associated costs incurred in providing services to the MDC/MDC's customers. Therefore, attached are spreadsheets summarizing the outstanding sums due to the BWCC from MDC, calculated in accordance with the historical Agreements between our organizations. The sums due are summarized as follows:

1)	Sewer Service to MDC customers on Rowley Street (Newington side)	\$	11,005.34
2)	Water Service to MDC customers on Rowley St. (Newington side) and		
	Willow Lane	\$	63,908.79
3)	Deming Road Sewer Pump Station*	.\$	659,455.88

^{*} The BWCC's cost estimates are conservative. Pump replacements and labor (i.e. overtime, interest on past due sums, double-time expenses, subcontractor costs) are not yet included.

TOWN OF BERLIN

Water Control Commission

240 Kensington Road • Berlin, CT 06037 **Office** (860) 828-7065 • **Fax** (860) 828-7180

Historically, (according to our records) when annual payments were made to BWCC, our invoices were generated, and submitted, to MDC (after MDC provided us with the flow data from Rowley Street and Little Brook metering stations). The BWCC wants to maintain our relationship with water/sewer service, but feel we have been taken advantage of (likely inadvertent) and full compensation is warranted under the circumstances.

In addition, the Deming Road Sewer Pump Station is in dire need of an upgrade and since the MDC is the 'major user' of this station, the BWCC requires MDC's participation in funding the cost of the upgrade of this Sewer Pump Station (per our historical agreements). 'Flushables' at this station are costing BWCC a great deal of staff time in order to keep this system operational.

The BWCC would like to schedule a meeting in the near future to address the issues summarized above, as this is perceived by the Commission as an 'unjust enrichment' of the MDC and BWCC is required to pursue recovery of the outstanding sums, as well as reach agreement as to our on-going services. Thank you for your immediate attention to this matter.

Respectfully,

Ray Jarema, P.E.

Berlin Water Control Manager

Attachment

cc: Michael S. Ahern, Public Works Director/Town Engineer James P. Horbal, Deputy Director of Public Works

a de	1987	1988	1989	1990	1990 1991 1992	25000	1993	1994	1995	1996	1997
nated Labor (3% increase)	\$2,781.00	864.43	950.36	038.87	\$3,130.04	\$3,223.94	\$3,320.66	\$3,420.28	\$3,522.89	\$3,628.57	
Estimated Labor (3% micrease)	\$1 288.90	\$1	\$5,663.59	\$2,905,93	\$2,778.27	\$3,150.62	\$3,522.96	\$3,895.30	\$4,267.65	\$4,639.99	3.99 \$5,012.33
Estillated Jupplies/ Manicance	\$3.592.09	155	\$4,215.43	\$4,527.09	\$4,838.76	\$5,150.43	\$5,462.10	\$5,773.77	\$6,085.44	\$6,397.10	7.10 \$6,708.77
Estimated Flows (1976-86) Average	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78		0.78 0.78
Estimated Total Sewage Costs	\$5,984.09	\$6,583.47	\$10,019.87	\$8,178.66	\$8,393.57	\$9,001.13	\$9,610.89	\$10,222.91	\$10,837.27	\$11,454.03	1.03 \$12,073.27
Illated Total Sewage Costs											
Vear	1998	1999	2000			2003				2007	<u>8</u>
nated Labor			\$4,083.99	\$4,206.51	\$4,332.71	\$4,462.69	\$4,596.57	\$4,734.47	\$4,876.50	\$5,022.80	\perp
Estimated Supplies/Maintance	\$5,384.67	Ş	\$6,129.36	\$6,501.70	\$6,874.05	\$7,246.39	\$7,618.73	\$7,991.08	\$8,363.42		
Fstimated Power	\$7,020.44		\$7,643.78	\$7,955.45	\$8,267.11	\$8,578.78	\$8,890.45	\$9,202.12	\$9,513.79	\$9,825.46	5.46 \$10,137.12
Estimated MDC Flows	0.78		0.78	0.78	0.78	0.78	0.78	0.78	0.78		\perp
Estimated Total Sewage Costs	\$12,695.06	\$13,319.48	\$13,946.60	\$14,576.51	\$15,209.29	\$15,845.02	\$16,483.80	\$17,125.72	\$17,770.87	\$18,419.35	9.35 \$20,760.35
	3000	2010	9014	2013	2012	2014	2018	2016	2617	2018	
	¢7 852 18	747 97	376 92	961 47	370.91	699.20	599.63	361.14	5,660.89	\$56,660.89	0.89
Labor	\$1,032.10	\$15,107,52	\$3 945 05	\$2 148 41	\$2 422 66	\$4 500 37	\$1 191.86	\$10,719.19	\$38,561.08	\$38,933.42	3.42
Supplies/ Waintance	CC: 71C,17¢	1015	\$8.511.21	\$9.216.96	\$9.035.65	\$8,222.61	\$7,603.00	\$10,079.22	\$9,038.00	\$9,349.67	79.67
Fetimated MDC Flows	0.78		0.78	0.78	0.78	0.78	0.78	0.78	0.78		\$0.78
Estimated Total Sawage Costs	\$9,331.37	\$29,788.81	\$17,832.94	\$15,875.47	\$23,687.43	\$27,665.08	\$23,738.40	\$69,634.50	\$81,428.08	\$81,962.30	2.30
Hated Total Jewast Costs									_	Total:	\$659,455.58
				Drinkin	Drinking Water 1990-2017	2017					
			888 S			Historic Rate					Total
Address	Average Per Year						2007-2008 2006-2011	2008-2011		20155-2017	1990-2017
98 Rowley St.	20.53		\$98.53		\$86.21	\$54.19	\$64.97	\$152.41	\$256.17 \$157.81	\$157.81	\$9/3./4
130 Rowley St.	121.56		\$583.50		\$510.57	\$320.93	\$384.75	\$302.01	\$1,31/.11 \$200.71	\$600.35	\$3 328 41
152 Rowley St.	70.57	N/A	\$338.74	\$135.49	\$230.39	\$180.3U	\$223.33	\$323.30			\$4,026,54
24 Willow Ln.	54.34	A/VI	\$275.07	6136 00	2233.80	\$104.7±	\$225 BO	\$579 77		\$530.49	\$3.539.04
27 Willow Ln.	103 61	073.30	\$465.13	\$130.30	\$233.04 \$813.15	\$511.12	\$612.77	\$1 437 53	\$2,416,21	\$1.359.76	\$8,900.
28 Willow Ln.	178.51	4/2	\$475.23	\$285 14	\$623.74	\$392.07	\$470.03	\$1,102.69	\$1,853.40 \$1,115.49	\$1,115.49	\$6,781.15
31 WIIIOW Ln.	118 24		\$472.95	\$227.01	\$496.59	\$312.14	\$374.22	\$877.91	\$1,475.59	\$907.02	\$5,512.33
32 Willow Lit.	100.46	\$	\$683.11	\$192.88	\$421.92	\$265.21	\$317.95	\$745.89	\$1,253.70 \$749.95	\$749.95	\$4,986.21
39 Willow In	292.85	,	\$1,991.40	\$562.28	\$1,229.98	\$773.13	\$926.88	\$2,174.44	\$3,654.81	\$2,082.79	\$14,432.43
As Willow In	140.25		\$561.00		\$589.05	\$370.26	\$443.89	\$1,041.36	\$1,750.32	\$1,750.32 \$1,063.14	\$6,525.88
WIII OW CIT:										Total:	\$63,908.79
		3	Sewage Usage							i	
				d on BW	CC Historic W		- Indian	3004	2003		
	1994	5551				Than the	¢ 5 1 1 1	\$51.75	4004 CE1 75		
98 Rowley Street	\$51.24	551.24	\$51.24	551.24	531.24	47.5242	6153 12	C184 FE	\$1.10¢		
130 Rowley Street	21.5514	\$153.12	\$133.12		\$1.001¢	4100.14 478 54	478 5A	\$94.67	\$94.67	Demine Boad Plano Station Costs	on Costs
152 Rowley Street	- 400 00		\$78.34	ľ	\$70.00	\$100.00	\$100.00	\$120.00	\$120.00	Total Amoi	\$659.455.58
84 Rowley Street	\$100.00		\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$120.00	\$120.00		
114 Rowley Street	\$100.00			\$100.00	\$100.00	\$100.00	\$100.00	\$120.00	\$120.00	Sewage Costs	
142 Kowiey Street	DOING!	;	Tased on BW	Cost Based on SWCC Historic Water Rates	iter Rates			Total		Total Amount Due	\$11,005.34
Addrage	2003	12004	2005	2006		2008	2009	1994-2009			
VStreet	\$61.76	\$61.76	\$61.76	\$61.76	\$74.12	\$118.49	\$118.49		\$1,040.36		
130 Rowley Street	\$184.56	\$184.56	0,	\$184.56	\$221.48	\$354.09	\$354.09		\$3,108.88		\$63,908.79
152 Rowley Street	\$94.67	\$94.67	\$94.67	\$94.67	\$113.60	\$181.62	\$181.62		\$1,516.10		\$8,413.17
84 Rowley Street	\$120.00		\$120.00	ļ	\$120.00	\$120.00	\$120.00		\$1,780.00		\$20,109.64
114 Rowley Street	\$120.00			-	\$120.00	\$120.00	\$120.00		\$1,780.00	Remaining Amount Due:	\$35,385.98
142 Rowley Street	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00		\$1,780.00		6705 046 00
	L	_									

			MDC Reimbursement: Sewage Usage Calculations	sement: Se	wage Usa	ge Calcula	tions					
								Cons	Consumption in CCF	400 H		
	Address	Installation No.	Permit Year	2010	2011	2012	2013	2014	2015	2016	2017	2017 Average
	98 Rowley Street	83644	1994	83	74	85	20	18	18	18	20	45.75
;	130 Rowley Street	83669	1994	204	156	136	127	122	138	74		136.71
Water	130 Rowley Street		1994	-	•	-	1	'	'	36	73	54.50
	152 Rowley Street	83672	1995	82	91	81	63	9	99	57	61	70.13
	84 Rowley Street	•	1994	-	-	i	•	1	i	i		•
Non-Water	Non-Water 114 Rowley Street	•	1994	-	-	•	,	1	•	-		•
	142 Rowley Street	1	1994	-	-	,	•	,	·	-		•
	,				S	t Based or	Cost Based on BWCC Historic Water Rate	itoric Wat	er Rates			
	Address	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	98 Rowley Street	\$51.24	\$51.24	\$51.24	\$51.24	\$51.24	\$51.24	\$51.24	\$61.76	\$61.76	\$61.76	\$61.76
Water	130 Rowley Street	\$153.12	\$153.12	\$153.12	\$153.12	\$153.12	\$153.12	\$153.12	\$184.56	\$184.56	\$184.56	\$184.56
	152 Rowley Street	1	\$78.54	\$78.54	\$78.54	\$78.54	\$78.54	\$78.54	\$94.67	\$94.67	\$94.67	\$94.67
	84 Rowley Street	100	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$120.00	\$120.00	\$120.00	\$120.00
Non-Water	Non-Water 114 Rowley Street	100	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$120.00	\$120.00	\$120.00	\$120.00
	142 Rowley Street	100	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$120.00	\$120.00	\$120.00	\$120.00
		Cost Ba	ed on BWCC H	storic Wate	r Rates		Total	-				
	Address	2005	05 2006 2007 200	2007	2008	2009	16	1994-2009			BWCC Historic Rates	c Kates
	98 Rowley Street	\$61.76	\$61.76	\$74.12	\$118.49	\$118.49	\$	\$1,040.36		Date	Sewage (\$/CCF)	Flat Rate (\$/year)
Water	130 Rowley Street	\$184.56	\$184.56	\$221.48	\$354.09	\$354.09	\$	\$3,108.88		1991	\$1.12	100
	152 Rowley Street	\$94.67	\$94.67	\$113.60	\$181.62	\$181.62	\$	\$1,516.10		1999	\$1.12	100
	84 Rowley Street	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	Ş	\$1,780.00		2001	\$1.35	120
Non-Water	Non-Water 114 Rowley Street	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$	\$1,780.00		2007	\$1.62	120
	142 Rowley Street	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	-	\$1,780.00		2008	\$2.59	120
							\$1	\$11,005.34	!			

Credit Calculated 2010-2015:	\$11,526.59
Credit Calculated 2016-2017:	\$4,388.94
Total Amount due for 1990-2017:	\$11,005.34

98 Rowley St. 7045166 1993 11 199 20.58 20.53 130 Rowley St. 7019285 1993 87 1117 73.69 121.56 152 Rowley St. 7049264 1993 44 63 60.71 70.57 24 Willow Ln. 7047573 1994 48 54 59.9 69.97 27 Willow Ln. 7072463 1990 44 65 61.03 71.34 28 Willow Ln. 7029285 1994 145 145 145.82 193.61 31 Willow Ln. 7039268 1994 64 116 110.71 118.24 35 Willow Ln. 7039268 1994 64 116 110.71 118.24 35 Willow Ln. 7082387 1990 61 92 87.37 100.46 35 Willow Ln. 7082487 1990 61 92 87.37 100.46 35 Willow Ln. 7069379 1994 80 137 123.75 292.85 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWCC Historic Water Rates** **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991-1999 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$34.41 \$35.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$2.99.6 \$485.13 \$13.549 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.05 32 Willow Ln. S123.00 \$1,991.40 \$562.28 \$1,299.89 \$773.13 \$926.88 35 Willow Ln. \$42.19 \$683.11 \$1992.88 \$492.92 \$265.21 \$317.99 39 Willow Ln. \$529.05 \$688.11 \$1992.88 \$492.92 \$265.21 \$317.99 39 Willow Ln. \$523.00 \$51.51.71 \$379.28 \$866.99 \$370.26 \$434.85 200 \$200.72		MI	C Reimbursem	ent: Drinking Water Co	onsumption Calcula	tions	
98 Rowley St. 7045166 1993 11 199 20.58 20.53 130 Rowley St. 7019285 1993 87 117 73.69 121.55 124 Rowley St. 7049264 1993 44 663 60.71 70.55 124 Willow Ln. 7072463 1990 44 65 61.03 71.34 128 Willow Ln. 7072463 1990 44 65 61.03 71.34 130 Rowley St. 7049264 1999 448 54 59.9 69.97 127 Willow Ln. 7072463 1990 44 65 61.03 71.34 130 Rowley St. 7049285 1994 145 145 145 145 2 193.61 131 Willow Ln. 7079327 1995 88 136 133.53 148.51 132 Willow Ln. 7039268 1994 64 116 110.71 118.24 132 Willow Ln. 7039268 1994 64 116 110.71 118.24 132 Willow Ln. 7039268 1994 64 116 110.71 118.24 139 Willow Ln. 703937 1990 61 92 87.37 100.46 139 Willow Ln. 704624 1990 211 237 219.56 292.88 134 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991 1999 1999 2001 2007-2005 2009-2007 2007-2008 130 Rowley St. N/A \$583.50 \$339.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$583.50 \$339.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 122 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 122 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 122 Rowley St. N/A \$583.51 \$313.69 \$299.60 \$188.30 \$223.81 124 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.73 13 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 13 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 13 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 13 Willow Ln. N/A \$563.01 \$1591.40 \$562.28 \$1229.98 \$731.3 \$926.81 13 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1229.98 \$731.3 \$926.81 13 Willow Ln. \$529.50 \$880.71 \$202.88 \$421.92 \$525.51 \$930.49 13 Willow Ln. \$529.57 \$880.36 \$222.59 \$530.49 \$3.33.90 13 Willow Ln. \$529.72 \$880.36 \$222.59 \$530.49 \$3.33.90 13 Willow Ln. \$745.89 \$12.53.70 \$313.42 \$749.95 \$30.49 13 Willow Ln. \$745.89 \$1.253.70 \$313.42 \$749.95 \$30.49 13 Willow Ln. \$745.89 \$1.253.70 \$313.42 \$749.95 \$30.49 13 Willow Ln. \$745.89 \$1.253.70 \$313.00 \$907.02 \$55.512.33 13 Willow Ln. \$745.89 \$1.253.70 \$313.42 \$749.95 \$52.28 \$12.43 13 Willow Ln. \$745.89 \$1.253.70 \$313.00 \$20.2				t State and the second of the	Consumption	in CCF	
130 Rowley St. 7019285 1993 87 117 73.69 121.56 152 Rowley St. 7049264 1993 44 63 60.71 70.57 152 Rowley St. 7049264 1993 44 63 60.71 70.57 152 Rowley St. 7049264 1993 48 54 59.9 69.97 27 Willow Ln. 70772463 1990 44 65 61.03 77.34 28 Willow Ln. 7079285 1994 145 145 145 145.82 193.61 31 Willow Ln. 7039285 1994 64 116 110.71 118.24 35 Willow Ln. 7039268 1994 66 116 12.71 118.24 35 Willow Ln. 7034624 1990 61 92 87.37 100.46 39 Willow Ln. 7069379 1994 80 137 123.75 140.25 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 **BR Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 152 Rowley St. N/A \$338.74 \$135.49 \$296.63 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 25 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.02 35 Willow Ln. N/A \$475.25 \$285.14 \$623.74 \$392.07 \$470.02 35 Willow Ln. N/A \$475.25 \$285.14 \$632.74 \$392.07 \$470.02 35 Willow Ln. N/A \$475.25 \$285.14 \$632.74 \$392.07 \$470.02 35 Willow Ln. N/A \$475.25 \$285.14 \$632.74 \$392.07 \$470.02 35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 35 Willow Ln. \$25.91 \$268.31 \$199.88 \$421.92 \$265.21 \$317.99 39 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$90.2018 30 Rowley St. \$902.61 \$1,517.11 \$379.28 \$663.9 \$570.02 \$443.85 24 Willow Ln. \$51.92.9 \$880.71 \$220.21 \$553.26 \$33.38.47 24 Willow Ln. \$51.92.9 \$880.71 \$220.21 \$553.20 \$33.28.47 25 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$90.2018 30 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$90.2018 30 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$90.2018 31 Willow Ln. \$51.92.08 \$880.71 \$220.21 \$553.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$33.20 \$	Address	Account No.	Permit Year	Second Half of 2015	2016	2017	Average Per Year
152 Rowley St. 7049264 1993 444 63 60.71 70.57 24 Willow Ln. 7047573 1994 48 54 59.9 69.97 27 Willow Ln. 7072463 1990 44 65 61.03 71.34 28 Willow Ln. 7029285 1994 145 145 145 145.82 193.61 31 Willow Ln. 7039288 1994 64 116 110.71 118.24 32 Willow Ln. 7039288 1994 64 116 110.71 118.24 32 Willow Ln. 7039288 1994 64 116 110.71 118.24 33 Willow Ln. 7039287 1990 61 92 87.37 100.46 39 Willow Ln. 7034624 1990 211 237 219.56 292.88 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991 1999 2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 27 Willow Ln. N/A \$472.95 \$222.10 \$496.59 \$312.14 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 33 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 33 Willow Ln. N/A \$583.11 \$192.88 \$421.92 \$265.21 \$317.95 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 39 Willow Ln. \$143.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 39 Willow Ln. \$143.00 \$1,991.40 \$562.28 \$1,229.99 \$773.13 \$926.84 39 Willow Ln. \$143.00 \$1,991.40 \$562.28 \$1,229.99 \$773.13 \$926.84 39 Willow Ln. \$143.00 \$1,991.40 \$562.28 \$1,229.99 \$773.13 \$926.84 39 Willow Ln. \$143.75 \$989.36 \$227.01 \$496.59 \$312.14 \$374.22 30 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$569.85 30 \$64.98 30 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$569.85 312 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$569.85 312 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$569.85 312 Rowley St. \$903.66 \$222.59 \$530.49 \$3,530.30 31 Willow Ln. \$1,437.53 \$2,416.21 \$804.00 \$1,438.24 32 Willow Ln. \$1,437.53 \$2,416.21 \$804.00 \$1,438.24 34 Willow Ln. \$1,437.5	98 Rowley St.	7045166	1993	11	19	20.58	20.53
24 Willow In. 7047573 1994 48 54 59.9 69.97 27 Willow In. 7072463 1990 44 65 61.03 71.34 28 Willow In. 7029285 1994 145 145 145.82 193.61 31 Willow In. 7039268 1994 64 116 110.71 1118.24 35 Willow In. 7039268 1994 64 116 110.71 1118.24 35 Willow In. 7039287 1990 61 92 87.37 100.46 35 Willow In. 7034624 1990 211 237 219.56 292.84 38 Willow In. 7034624 1990 211 237 219.56 292.84 39 Willow In. 703668 1994 80 137 123.75 140.25 ***Cost Based on BWCC Historic Water Rates** **Cost Based on BWCC Historic Water Rates** **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991 1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$58.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$338.74 \$133.5.49 \$296.39 \$186.30 \$223.35 152 Rowley St. N/A \$338.74 \$133.5.49 \$299.69 \$186.30 \$223.35 28 Willow In. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow In. \$74.43 \$337.72 \$813.15 \$511.12 \$612.77 31 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 31 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 32 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 33 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 33 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 33 Willow In. N/A \$774.43 \$337.72 \$813.15 \$511.12 \$612.77 33 Willow In. N/A \$775.23 \$285.14 \$623.74 \$392.07 \$470.03 34 Willow In. N/A \$756.00 \$269.28 \$589.05 \$73.13 \$926.84 38 Willow In. N/A \$565.00 \$269.28 \$589.05 \$370.26 \$438.85 **Cost Based on BWCC Historic Water Rates** **Cost Based on BWC Water Rates** **Cost Based o	130 Rowley St.	7019285	1993	87	117	73.69	121.56
27 Willow Ln. 7072463 1990 444 65 61.03 71.34 28 Willow Ln. 7029285 1994 145 145 145 145.22 193.61 31 Willow Ln. 7079327 1995 88 136 133.53 148.51 32 Willow Ln. 7039268 1994 66 116 110.71 118.23 35 Willow Ln. 7039268 1990 61 92 87.37 100.46 39 Willow Ln. 7034624 1990 211 237 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 219.56 292.85 43 Willow Ln. 7069379 1994 80 271 237 219.56 292.85 443 Willow Ln. 7069379 1994 80 271 237 219.56 292.85 444 Willow Ln. 7069379 1994 80 271 237 219.56 292.85 45 Willow Ln. 7069379 1994 80 271 237 249.56 292.85 46 Willow Ln. 7069379 1999 1999-2001 2001-2005 2005-2007 2007-2008 46 Willow Ln. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.34 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.42 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.94 \$188.35 \$225.86 28 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.27 31 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.27 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.27 33 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$1,991.40 \$262.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$1,991.40 \$262.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. \$213.00 \$269.28 \$589.05 \$330.26 \$332.84 43 Willow Ln. \$213.00 \$269.28 \$380.30 \$332.30 43 Willow Ln. \$213.00 \$269.28 \$380.30 \$332.30 43 Willow Ln. \$213.00 \$269.28 \$380.30 \$323.30 43 Willow Ln. \$213.00 \$203.20 43 Willow Ln. \$213.00 \$203.20 43 Willow Ln. \$213.00 \$203.20 43	152 Rowley St.	7049264	1993	44	63	60.71	70.57
28 Willow Ln. 7029285 1994 145 145 145 145 145.2 193.61 31 Willow Ln. 7079327 1995 88 136 133.53 148.51 32 Willow Ln. 7039268 1994 64 116 110.71 118.24 35 Willow Ln. 7032887 1990 61 92 87.37 100.44 39 Willow Ln. 7034624 1990 211 237 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A 598.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.86 28 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.86 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$2885.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$475.23 \$2885.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$475.23 \$2885.14 \$562.37 \$392.07 \$470.03 32 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 39 Willow Ln. \$421.9 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 39 Willow Ln. \$421.9 \$5683.11 \$192.88 \$421.92 \$265.21 \$317.93 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 34 Willow Ln. \$173.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 34 Willow Ln. \$173.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 34 Willow Ln. \$173.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 35 Willow Ln. \$133.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 35 Willow Ln. \$133.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 35 Willow Ln. \$133.00 \$1,991.40 \$562.28 \$5.290.8 \$773.13 \$926.84 35 Willow Ln. \$1,375.9 \$368.00 \$505.3 \$3.328.42 36 Willow Ln. \$513.00 \$1,591.71 \$379.28 \$866.39 \$553.26 \$3.328.42 37 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3.350.32 38 Willow Ln. \$51,406.9 \$1,557.91 \$368.90 \$507.02 \$3.533.90 39 Willow Ln. \$51,506.9 \$1,853.40 \$463.35 \$1,115.49 \$679.20 30 Willow Ln. \$21,406.9 \$1,853.40 \$463.35 \$1,115.49 \$679.20 30 Willow Ln. \$475.89 \$1,253.70 \$313.42 \$749.95 \$44.432.44 30 Willow Ln. \$21,744 \$3,654.81 \$913.70 \$20,82.79 \$344.932.44 30 Willow Ln. \$21,744.44 \$3,654.81 \$913.70 \$20,82.79 \$344.	24 Willow Ln.	7047573	1994	48	54	59.9	69.97
31 Willow Ln. 7079327 1995 88 136 133.53 148.51 32 Willow Ln. 7039268 1994 64 116 110.71 118.24 35 Willow Ln. 7082387 1990 61 92 87.37 100.46 139 Willow Ln. 7034624 1990 211 237 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 *** **Cost Based on BWCC Historic Water Rates** **Address** 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 3130 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.86 28 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 28 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 39 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 38 Willow Ln. N/A \$5561.00 \$269.28 \$589.05 \$370.26 \$443.85 \$152.87	27 Willow Ln.	7072463	1990	44	65	61.03	71.34
32 Willow Ln. 7039268 1994 64 116 110.71 118.24 35 Willow Ln. 7082387 1990 61 92 87.37 100.46 39 Willow Ln. 7034624 1990 211 237 219.56 292.85 31 140.25 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 201.20 200	28 Willow Ln.	7029285	1994	145	145	145.82	193.61
35 Willow Ln. 7082387 1990 61 92 87.37 100.46 39 Willow Ln. 7034624 1990 211 237 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 **Cost Based on BWC** Historic Water Rates** **Cost Based on BWC** Historic Water Rates** **Address** 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.77 152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 33 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.92 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 **Cost Based on BWCC Historic Water Rates** **Cost Based	31 Willow Ln.	7079327	1995	88	136	133.53	148.51
39 Willow Ln. 7034624 1990 211 237 219.56 292.85 43 Willow Ln. 7069379 1994 80 137 123.75 140.25 Cost Based on BWCC Historic Water Rates **Modifies** 1990	32 Willow Ln.	7039268	1994	64	116	110.71	118.24
Address 1990 1991 1999 1999 2001 2001-2005 2005-2007 2007-2008 2008-2018 2008-20	35 Willow Ln.	7082387	1990	61	92	87.37	100.46
Cost Based on BWCC Historic Water Rates Address 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.42 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.84 34 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 <t< td=""><td>39 Willow Ln.</td><td>7034624</td><td>1990</td><td>211</td><td>237</td><td>219.56</td><td>292.85</td></t<>	39 Willow Ln.	7034624	1990	211	237	219.56	292.85
Address 1990 1991-1999 1999-2001 2001-2005 2005-2007 2007-2008 98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$477.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.99 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. \$1,230.0	43 Willow Ln.	7069379	1994	80	137	123.75	140.25
98 Rowley St. N/A \$98.53 \$39.41 \$86.21 \$54.19 \$64.97 \$130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 \$152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 \$24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 \$27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 \$28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 \$31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 \$22 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 \$35 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 \$43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.85 \$28 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$99-2018 \$98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$99-2018 \$98 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$33.28 \$323.32 \$328.41 \$340.93 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.34 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.33 \$332.34 \$332.33 \$332.				Cost Based on BWCC	Historic Water Rat	.es	
130 Rowley St. N/A \$583.50 \$233.40 \$510.57 \$320.93 \$384.75 152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.95 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.85 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.41 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$550.13 \$3,230.32 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.11 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.31 39 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.2 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 43 Willow Ln. \$1,041.36 \$1,750.32 \$443.58 \$1,063.14 \$6,525.86 31 Willow Ln. \$1,041.36 \$1,750.32 \$443.58 \$1,063.14 \$6,525.86 31 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 43 Willow Ln. \$1,041.36 \$1,750.32 \$443.58 \$1,063.14 \$6,525.86 32 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 43 Willow Ln. \$1,041.36 \$1,750.32 \$4437.58 \$1,063.14 \$6,525.86 34 Willow Ln. \$1,041.3	Address	1990	1991-1999	1999-2001	2001-2005	2005-2007	2007-2008
152 Rowley St. N/A \$338.74 \$135.49 \$296.39 \$186.30 \$223.35 24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.86 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.23 33 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.92 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.86 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.85 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.13 32 Willow Ln. \$877.91 \$1,437.59 \$368.90 \$907.02 \$5,5512.33 33 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$449.95 \$4,986.2 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 30 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 30 Willow Ln. \$1,004.36 \$1,750.32 \$437.58 \$1,063.14 \$65.525.86 30 Willow Ln. \$1,004.36 \$1,750.32 \$437.58 \$1,063.14 \$45.555.86 30 Willow Ln. \$1,004.36 \$1	98 Rowley St.	N/A	\$98.53	\$39.41	\$86.21	\$54.19	\$64.97
24 Willow Ln. N/A \$279.87 \$134.34 \$293.86 \$184.71 \$221.44 27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.95 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-201 2011-2015a 2018 2015b-2017 1990-2018 43 Store Rowley St. \$152.41 \$256.17 \$64.04 </td <td>130 Rowley St.</td> <td>N/A</td> <td>\$583.50</td> <td>\$233.40</td> <td>\$510.57</td> <td>\$320.93</td> <td>\$384.75</td>	130 Rowley St.	N/A	\$583.50	\$233.40	\$510.57	\$320.93	\$384.75
27 Willow Ln. \$29.96 \$485.13 \$136.98 \$299.64 \$188.35 \$225.80 28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.23 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.95 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.85 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.41 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.31 27 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.31 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 32 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 33 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.21 39 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.21 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.41 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$65.525.81	152 Rowley St.	N/A	\$338.74	\$135.49	\$296.39	\$186.30	\$223.35
28 Willow Ln. N/A \$774.43 \$371.72 \$813.15 \$511.12 \$612.77 \$1 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 \$2 Willow Ln. N/A \$475.29 \$227.01 \$496.59 \$312.14 \$374.23 \$39 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.93 \$10 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 \$10 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 \$10 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 \$10 Willow Ln. \$123.00 \$1,991.40 \$269.28 \$589.05 \$370.26 \$443.89 \$10 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 \$10 Willow Ln. \$123.00 \$1,991.40 \$10 Willow Ln. \$152.41 \$2018 \$2018 \$2015 \$2017 \$1990 \$2018 \$152.41 \$2016 \$1,517.11 \$379.28 \$866.39 \$5,698.54 \$152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.41 \$24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.31 \$3,230.31 \$27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 \$3,539.04 \$28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 \$10 Willow Ln. \$1,437.53 \$2,416.21 \$10 Willow Ln. \$1,437.53 \$2,416.21 \$10 Willow Ln. \$1,437.59 \$10 Willow Ln. \$1,437.59 \$10 Willow Ln. \$1,437.59 \$10 Willow Ln. \$2,174.44 \$3,654.81 \$10 Willow Ln. \$1,430.44 \$10 Willow Ln. \$1,430.44 \$10 Willow Ln. \$1,430.44 \$10 Willow Ln. \$1,430.44 \$10 W	24 Willow Ln.	N/A	\$279.87	\$134.34	\$293.86	\$184.71	\$221.44
31 Willow Ln. N/A \$475.23 \$285.14 \$623.74 \$392.07 \$470.03 32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.23 35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.95 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.85 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$990-2018 152 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$55,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.45 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.35 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 38 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.35 33 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.2 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.44 43 Willow Ln. \$1,041.36 \$1,750.32 \$4437.58 \$1,063.14 \$6,525.86 30 Willow Ln. \$1,041.36 \$1,750.32 \$4437.58 \$1,063.14 \$450.52 30 Willow Ln. \$1,041.36 \$1,	27 Willow Ln.	\$29.96	\$485.13	\$136.98	\$299.64	\$188.35	\$225.80
32 Willow Ln. N/A \$472.95 \$227.01 \$496.59 \$312.14 \$374.22 \$35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.95 \$39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 \$43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.88 \$421.92 \$208.2011 \$2011.2015a \$2018 \$2015b-2017 \$1990-2018 \$2015b-2017 \$2015b-2015b-2017 \$2015b-2015b-2017 \$2015b-2017 \$2015b-2015b-2017 \$2015b-2015b-2015b-2015b-2017 \$2015b-2015	28 Willow Ln.	N/A	\$774.43	\$371.72	\$813.15	\$511.12	\$612.77
35 Willow Ln. \$42.19 \$683.11 \$192.88 \$421.92 \$265.21 \$317.99 39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln.	31 Willow Ln.	N/A	\$475.23	\$285.14	\$623.74	\$392.07	\$470.03
39 Willow Ln. \$123.00 \$1,991.40 \$562.28 \$1,229.98 \$773.13 \$926.88 43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.41 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.7 31 Willow Ln. \$1,702.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15<	32 Willow Ln.	N/A	\$472.95	\$227.01	\$496.59	\$312.14	\$374.22
43 Willow Ln. N/A \$561.00 \$269.28 \$589.05 \$370.26 \$443.89 Cost Based on BWCC Historic Water Rates Correct Amount Total at Each Property Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.41 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.11 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,2	35 Willow Ln.	\$42.19	\$683.11	\$192.88	\$421.92	\$265.21	\$317.95
Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.11 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.2 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36	39 Willow Ln.	\$123.00	\$1,991.40	\$562.28	\$1,229.98	\$773.13	\$926.88
Address 2008-2011 2011-2015a 2018 2015b-2017 1990-2018 98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.2 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,063.14	43 Willow Ln.	N/A	\$561.00	\$269.28	+		\$443.89
98 Rowley St. \$152.41 \$256.17 \$64.04 \$157.81 \$973.74 \$130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 \$152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 \$24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 \$3,230.33 \$27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 \$3,639.04 \$		Cost Bas	ed on BWCC His	toric Water Rates	Correct Amount	Total a	Each Property
130 Rowley St. \$902.61 \$1,517.11 \$379.28 \$866.39 \$5,698.54 152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.42 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83	Address	2008-2011	2011-2015a	2018	2015b-2017	1990-2018	
152 Rowley St. \$523.98 \$880.71 \$220.18 \$523.26 \$3,328.43 24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.25 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.45 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.86	98 Rowley St.	\$152.41	\$256.17	\$64.04	\$157.81		\$973.74
24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83	130 Rowley St.	\$902.61	\$1,517.11	\$379.28	\$866.39		\$5,698.54
24 Willow Ln. \$519.50 \$873.18 \$218.30 \$505.13 \$3,230.33 27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83		\$523.98	\$880.71	\$220.18	\$523.26		\$3,328.41
27 Willow Ln. \$529.72 \$890.36 \$222.59 \$530.49 \$3,539.04 28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83		\$519.50		· · · · · · · · · · · · · · · · · · ·	\$505.13		\$3,230.33
28 Willow Ln. \$1,437.53 \$2,416.21 \$604.05 \$1,359.76 \$8,900.74 31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.35 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.25 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.45 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.86							\$3,539.04
31 Willow Ln. \$1,102.69 \$1,853.40 \$463.35 \$1,115.49 \$6,781.15 32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.35 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.25 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.45 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.86				· 	 		\$8,900.74
32 Willow Ln. \$877.91 \$1,475.59 \$368.90 \$907.02 \$5,512.33 35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83			 				\$6,781.15
35 Willow Ln. \$745.89 \$1,253.70 \$313.42 \$749.95 \$4,986.23 39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83							
39 Willow Ln. \$2,174.44 \$3,654.81 \$913.70 \$2,082.79 \$14,432.43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.83							\$4,986.23
43 Willow Ln. \$1,041.36 \$1,750.32 \$437.58 \$1,063.14 \$6,525.86				\			
			 				
		+ =,0 :=100	+ -,,	7.57.50			

Remaining Amount Due:	\$35,385.98
Credit Calculated 2015b-2017:	\$20,109.64
Credit Calculated 2009-2015a:	\$8,413.17
Total Amount due for 1990-201	\$63,908.79

BWCC	Historic Rates
Date	Water \$/CCF)
3/1/83	\$0.42
4/1/91	\$0.80
10/1/99	\$0.96
10/1/01	\$1.20
4/1/05	\$1.32
4/1/07	\$2.11
10/1/08	\$2.97
4/1/11	\$3.12

		MDCR	imbursement	MDC Reimbursement: Deming Road Pump Station Calculations	Pump Station (Calculations					
Year	FY 1976-77	FY 1977-78	8 FY 1978-79	FY 1979-80	FY 1980-81	FY 1981-82	FY 1982-83	FY 1983-84 FY 1984-85	200	FY 1985-86	FY 1986
Labor	\$2,353.38	\$1,576.80	\$1,432.99	\$1,896.11	\$1,366.19	\$1,479.69	\$1,751.12	\$1,792.40	N/A	\$2,700.00	\$2,700.00
Supplies	\$540.60	\$1,153.18	\$1,670.30	\$1,239.04	\$1,339.21	\$791.34	\$890.31	\$1,235.95	N/A	\$819.04	\$916.56
Power	\$779.90	\$1,092.92	\$1,153.45	\$1,381.02	\$1,624.66	\$889.07	\$2,045.86	\$2,561.33	N/A	\$3,280.58	\$3,280.42
MDC Flows Percentage (MDC/Total)	0.649	0.578	0.637	0.612	0.806	0.901	0.896	0.901	N/A	0.920	0.910
Total Sewage Disposal Costs	\$2,384.35	\$2,209.64	\$2,711.54	\$2,763.90	\$3,487.86	\$2,848.20	\$4,201.22	\$5,036.30	N/A	\$6,255.65	\$6,276.25
										*End	*End of Payments*
Year	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Estimated Labor (3% increase)	\$2,781.00	\$2,864.43	\$2,950.36	\$3,038.87	\$3,130.04	\$3,223.94	\$3,320.66	\$3,420.28	\$3,522.89	\$3,628.57	\$3,737.43
Estimated Supplies/Maintance	\$1,288.90	\$1,661.25	\$5,663.59	\$2,905.93	\$2,778.27	\$3,150.62	\$3,522.96	\$3,895.30	\$4,267.65	\$4,639.99	\$5,012.33
Estimated Power	\$3,592.09	\$3,903.76	\$4,215.43	\$4,527.09	\$4,838.76	\$5,150.43	\$5,462.10	\$5,773.77	\$6,085.44	\$6,397.10	\$6,708.77
Estimated MDC Flows (1976-86) Average	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
Estimated Total Sewage Costs	\$5,984.09	\$6,583.47	\$10,019.87	\$8,178.66	\$8,393.57	\$9,001.13	\$9,610.89	\$10,222.91	\$10,837.27	\$11,454.03	\$12,073.27
				0.000							
Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Estimated Labor	\$3,849.55	\$3,965.04	\$4,083.99	\$4,206.51	\$4,332.71	\$4,462.69	\$4,596.57	\$4,734.47	\$4,876.50	\$5,022.80	\$7,336.19
Estimated Supplies/Maintance	\$5,384.67	\$5,757.02	\$6,129.36	\$6,501.70	\$6,874.05	\$7,246.39	\$7,618.73	\$7,991.08	\$8,363.42	\$8,735.76	\$9,108.10
Estimated Power	\$7,020.44	\$7,332.11	\$7,643.78	\$7,955.45	\$8,267.11	\$8,578.78	\$8,890.45	\$9,202.12	\$9,513.79	\$9,825.46	\$10,137.12
Estimated MDC Flows	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78
Estimated Total Sewage Costs	\$12,695.06	\$13,319.48	\$13,946.60	\$14,576.51	\$15,209.29	\$15,845.02	\$16,483.80	\$17,125.72	\$17,770.87	\$18,419.35	\$20,760.35
	9000	0040	4 404	2043	9043	2014	JAME.	3646	2000	2010	
Year	\$7.852.18	337.92	376.92	\$8,961.47	1870.91	,699.20	,599.63	\$68,361.14	68.099	\$56,660.89	
Supplies/Maintance	\$1,317.55		\$3,945.05	\$2,148.41	\$2,422.66	\$4,500.37	\$1,191.86	\$10,719.19	\$38,561.08	\$38,933.42	
Power	\$2,778.09	\$10,700.87	\$8,511.21	\$9,216.96	\$9,035.65	\$8,222.61	\$7,603.00	\$10,079.22	\$9,038.00	\$9,349.67	
Estimated MDC Flows	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	
Estimated Total Sewage Costs	\$9,331.37	\$29,788.81	\$17,832.94	\$15,875.47	\$23,687.43	\$27,665.08	\$23,738.40	\$69,634.50	\$81,428.08	\$81,962.30	
									Total	,	\$659,455.58

Supplies/Maintance	\$8,878.75
Power	\$8,353.96
Estimated Total Sewage Costs	\$33,220.23
Calculated Yearly Increase	ase
Supplies/Maintance	\$372.34
Power	\$311.67

0.78 \$3,817.49

\$1,904.87 \$1,059.55 \$1,808.92

Labor Supplies Power MDC Flows Total Sewage Disposal Costs

Average from 1976-86

MI	C Reimbi	ursement: Sewage -	Labor Calculations 20:	I8 to 2008
2018	Rate	Number of Hours	Pumps/Occurance	Total for 2018
Wayne:	\$58.21	10	197	\$12,049.47
Charlie:	\$50.39	37	197	\$11,791.26
Mike:	\$50.46	179	197	\$18,972.96
Bill:	\$45.55	107	197	\$13,847.20
Dill.	Ş-13.33	107	137	\$56,660.89
2017	Rate	Number of Hours	Pumps/Occurance	Total for 2017
Wayne:	\$58.21	10	197	\$12,049.47
Charlie:	\$50.39	37	197	\$12,043.47
Mike:	\$50.46	179		
Bill:	\$45.55		197	\$18,972.96
BIII:	\$45.55	107	197	\$13,847.20
	D	A		\$56,660.89
2016	Rate	Number of Hours	Pumps/Occurance	Total for 2016
Wayne:	\$55.95	27	270	\$16,617.15
Charlie:	\$48.77	52	270	\$15,703.94
Mike:	\$48.85	99	270	\$18,025.65
Bill:	\$43.20	147	270	\$18,014.40
5000 to 1000 to				\$68,361.14
2015	Rate	Number of Hours	Pumps/Occurance	Total for 2015
Wayne:	\$54.81	36	61	\$5,316.57
Charlie:	\$47.45	98	61	\$7,544.55
Mike:	\$46.73	126	61	\$8,738.51
				\$21,599.63
2014	Rate	Number of Hours	Pumps/Occurance	Total for 2014
Wayne:	\$53.72	34	77	\$5,962.92
Charlie:	\$46.52	77	77	\$7,164.08
Mike:	\$45.80	132	77	\$9,572.20
				\$22,699.20
2013	Rate	Number of Hours	Pumps/Occurance	Total for 2015
Wayne:	\$52.78	51	60	\$5,858.58
Charlie:	\$45.73	69	60	\$5,899.17
Mike:	\$45.02	98	60	\$7,113.16
WINC.	Ş-3.02			\$18,870.91
2012	Rate	Number of Hours	Pumps/Occurance	718,870.51 Total for 2015
Wayne:	\$51.94	0 0		\$103.88
Charlie:	\$44.97		 	
	 	70	2	\$3,237.84
Mike:	\$44.25	125	2	\$5,619.75
				\$8,961.47
		Number of Hours		Total for 2015
Wayne:	\$51.45	4		\$823.20
Charlie:	\$44.30	62	12	\$3,278.20
Mike:	\$43.58	132	12	\$6,275.52
				\$10,376.92
2010	Rate	Number of Hours	Pumps/Occurance	Total for 2015
Wayne:	\$49.90	3	26	\$1,447.10
Charlie:	\$44.05	55	26	\$3,568.05
Mike:	\$43.33	143	26	
				\$12,337.92
2009	Rate	Number of Hours	Pumps/Occurance	Total for 2015
Wayne:	\$46.51	O	7	
Charlie:	\$43.13	 	·	
Mike:	\$42.41	 		
TTTTC.	7-72.71	120	1	
2000	Data.	Number of Have	Burne (Occurrence	\$7,852.18
2008	Rate	Number of Hours	Pumps/Occurance	Total for 2015
Wayne:	\$43.61			
Charlie:	\$41.39		 	
Mike:	\$39.91	110) 1	
	1			\$7,336.19
			Total	\$244,852.66

		Amount	Pump's Share	Hes/Maintenace and Power Calculations 2009 to 2017	
	09-0000313-1	\$30,559.00	\$2,778.09		
	09-0001527-0	\$1,000.00		Raise Sewer Manhole	
	09-00018100-0	\$317.55		Traffic Control	
	05-00010100-0	7317.33	V311.33	Supplies Total:	\$1,317.55
				Power Total:	\$2,778.09
	PO No.	Amount	Pump's Share	Description	72,77 C.03
	100687	\$16,948.70	\$1,540.79		Magazine et al. 1 and a second
1	102160	\$750.00		Blocked Sewer Line	
234	102392	\$2,500.00		Emergency Repairs	•
	101055	\$3,000.00		On Call Electrical Repairs with Bigelow Electric	
	100671	\$61.82	\$61.82		
020		\$10,639.05			
	100663		\$10,639.05		
	101710	\$430.00		Revised Phone Numbers	
	100748	\$10,000.00	\$10,000.00	Water Main Repairs	
*:00				Supplies Total:	\$15,102.61
	P440			Power Total:	\$10,700.87
	PO No.	Amount	Pump's Share		
	110557	\$18,379.18		Alarm Repairs	
	110283	\$18,379.18	\$1,670.83		
	110284	\$2,000.00	\$181.82	Electrical Services with Bigelow Electric	
	112043	\$39.26	\$3.57	Pens for Monitor Equipment	
	110272	\$8,443.77	\$8,443.77	Power	
011	110280	\$67.44	\$67.44		
ra.	110343	\$243.56		Pump Station Maintenance	
<i>(4</i>)	110564	\$1,369.83		Repairs to Pump Stations	•
23	112124	\$70.00		Replace Capacitor	• • • • • • • • • • • • • • • • • • • •
ी	111218	\$2,214.50		Updates to Sewer Systems	
ୀ	111218	⇒∠,∠14.5U	\$201.32		63.045.00
୍ତା				Supplies Total:	\$3,945.05
85		204,000,000,000		Power Total:	\$8,511.21
	PO No.	Amount		Description	<u> </u>
	120324	\$19,687.71	\$1,789.79		
	120325	\$3,944.81	\$358.62	Electrical Services with Bigelow Electric	
912	120389	\$9,211.85	\$9,211.85	Power	
	120321	\$56.20	\$5.11	Power	
				Supplies Total:	\$2,148.41
				Power Total:	\$9,216.96
	PO No.	Amount	Pump's Share	Description	
80 11	130402	\$14,279.49	\$1,298.14		
	130403	\$6,762.24			
				Electrical Services with Bigelow Electric	
	131590	\$509.78		Oxygen Analyzer Calibration	
013	130398	\$40.84		Power	
	130391	\$6,233.97	\$6,233.97		
	131515	\$2,760.84	\$2,760.84	Power	
				Supplies Total:	\$2,422.66
्रे				Power Total:	\$9,035.65
	PO No.	Amount	Pump's Share	Description	
	140304	\$14,463.67	\$1,314.88	Alarms	
	140306	\$5,769.74		Electrical Services with Bigelow Electric	
	141176	\$660.97		Oxygen Sensors	
	140321	\$67.44		Power	
B14	140314	\$4,330.59	\$4,330.59		
	140277	\$3,824.58	\$3,824.58		
	140898	\$2,000.00	\$2,000.00	Rebuild Mechanical Seal	
		ļ		Supplies Total:	\$4,500.37
			ļ	Power Total:	\$8,222.61
	PO No.	Amount	Pump's Share	Description	56-10 C. 944-165 80 .
	150254	\$10,631.75	\$966.52	Alarms	
	150872	\$752.76	\$68.43	Calibration and Testing of Meters	
	150256		\$156.91	Electrical Services with Bigelow Electric	
	150256	\$1,726.00			
015	150256 150273	\$1,726.00 \$72.48	\$72.48	Power	
015	150256 150273 150266	\$1,726.00 \$72.48 \$3,952.01	\$72.48 \$3,952.01	Power Power	
015	150256 150273	\$1,726.00 \$72.48 \$3,952.01	\$72.48	Power Power Power	¢1 101 00
015	150256 150273 150266	\$1,726.00 \$72.48 \$3,952.01	\$72.48 \$3,952.01	Power Power Power Supplies Total:	
9 15	150256 150273 150266 150283	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51	\$72.48 \$3,952.01 \$3,578.51	Power Power Power Supplies Total: Power Total:	\$7,603.00
015	150256 150273 150266 150283	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount	\$72.48 \$3,952.01 \$3,578.51 Pump's Share	Power Power Power Supplies Total: Power Total:	
015	150256 150273 150266 150283 PO No:	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Account \$20,000.00	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18	Power Power Power Supplies Total: Power Total: Description Alarms	\$7,603.00
015	150256 150273 150266 150283 PO No: 160442 160444	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27	Power Power Power Supplies Total: Power Total: Power Total: Alarms Electrical Services with Bigelow Electric	\$7,603.00
015	150256 150273 150266 150283 PO No:	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Account \$20,000.00	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27	Power Power Power Supplies Total: Power Total: Description Alarms	\$7,603.00
ens	150256 150273 150266 150283 PO No: 160442 160444	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00	Power Power Power Supplies Total: Power Total: Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC	\$7,603.00
	150256 150273 150266 150283 PO No. 160442 160443 162027 160427	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,906.00 \$6,472.18	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00 \$6,472.18	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power	\$7,603.00
	150256 150273 150266 150283 PO No. 160442 160443 162027 160427	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,906.00 \$6,472.18 \$3,600.00	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.7 \$6,906.00 \$6,472.18 \$3,600.00	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power	\$7,603.00
	150256 150273 150266 150283 PO No. 160442 160443 162027 160439 160434	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40	\$72.48 \$3,952.01 \$3,578.51 Pumpl's Share \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04	Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power	\$7,603.00
	150256 150273 150266 150283 PO No. 160442 160443 162027 160427	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40	\$72.48 \$3,952.01 \$3,578.51 Pumpl's Share \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04	Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co	\$7,603.00
	150256 150273 150266 150283 PO No. 160442 160443 162027 160439 160434	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40	\$72.48 \$3,952.01 \$3,578.51 Pumpl's Share \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total:	\$7,603.00 \$10,719.15
	150256 150273 150266 150283 PO No. 160442 160433 162027 160427 160434 160434 161950	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.44 \$1,797.74	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00 \$6,472.18 \$3,500.00 \$7.04 \$1,797.74	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total:	\$7,603.00 \$10,719.15
015	150256 150273 150266 150283 PO No. 160442 160443 162027 160434 161950	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,906.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74	\$72.48 \$3.952.01 \$3,578.51 Pump's Share \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04 \$1,797.74	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description	\$7,603.00 \$10,719.15
	150256 150273 150266 150283 PO No. 160442 160433 162027 160427 160434 160434 161950	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$2,170.00 \$6,906.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74	\$72.48 \$3.952.01 \$3,578.51 Pump's Share \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04 \$1,797.74	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total:	\$7,603.00 \$10,719.15
01 6	150256 150273 150266 150283 PO No. 160442 160443 162027 160434 161950	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$6,906.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74	\$72.48 \$3.952.01 \$3.578.51 Pump's Share: \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04 \$1,797.74 Pump's Share: \$372.50	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric	\$7,603.00 \$10,719.15
015	150256 150273 150266 150283 PÖ No. 160442 160443 162027 160427 160439 160434 161950 PO No. 170417	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount. \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74	\$72.48 \$3.952.01 \$3,578.51 Pump's Share. \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04 \$1,797.74	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric Materials	\$7,603.00 \$10,719.15
015	150256 150273 150266 150283 PO No. 160442 160439 160439 160434 161950 PO No. 170417 170635 170405	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74 Amount \$372.56 \$314.76	\$72.48 \$3.952.01 \$3.578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00 \$5,6472.18 \$3,600.00 \$1,797.74 Pump's Share \$372.50 \$314.74 \$8,960.00	Power Power Power Supplies Total: Power Total: Power Total: Power Total: Bescription Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric Materials Power	\$7,603.00 \$10,719.19
0315	PO No. 160442 160443 16027 160434 161950 PO No. 170411 170635 170405	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 \$20,000.00 \$2,170.00 \$6,906.00 \$77.40 \$1,797.74 \$1,797.74 \$372.50 \$314.72 \$8,966.00 \$78.00	\$72.48 \$3.952.01 \$3,578.51 Pump's Share: \$1,818.18 \$3,97.27 \$6,906.00 \$5,672.18 \$3,600.00 \$7.04 \$1,797.74 Pump's Share: \$372.50 \$314.74 \$8,960.00 \$78.00	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric Materials Power	\$7,603.00 \$10,719.19
0315	150256 150273 150266 150283 PÖ No. 160442 160443 162027 160427 160439 160434 161950 PO No. 170417 170635 170412 1710417	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount \$20,000.00 \$6,906.00 \$6,906.00 \$77.40 \$1,797.74 Amount \$372.50 \$314.74 \$8,960.00 \$78.00 \$77.80 \$1,797.74	\$72.48 \$3.952.01 \$3.578.51 Pump's Share: \$1,818.18 \$1,97.27 \$6,906.00 \$6,472.18 \$3,600.00 \$7.04 \$1,797.74 Pump's Share: \$372.50 \$314.74 \$8,960.00 \$7.80 \$2,000.00	Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric Materials Power Power	\$7,603.00 \$10,719.19
2017	150256 150273 150266 150283 PO No. 160442 160433 162027 160427 160439 160434 161950 PO No. 170417 170635 170412 171724 170715	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount. \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74 Amount: \$372.50 \$314.77 \$8,960.00 \$78.00 \$78.00 \$78.00 \$2,000.00 \$35,610.20	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00 \$7.04 \$1,797.74 Pump's Share \$3372.50 \$314.76 \$8,960.00 \$78.00 \$78.00 \$2,000.00 \$35,610.20	Power Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Description Electrical Services on Pump with Bigelow Electric Materials Power Power Power Supplies Total: Description	\$7,603.00 \$10,719.19
KO15	150256 150273 150266 150283 PÖ No. 160442 160443 162027 160427 160439 160434 161950 PO No. 170417 170635 170412 1710417	\$1,726.00 \$72.48 \$3,952.01 \$3,578.51 Amount. \$20,000.00 \$2,170.00 \$6,472.18 \$3,600.00 \$77.40 \$1,797.74 Amount: \$372.50 \$314.77 \$8,960.00 \$78.00 \$78.00 \$78.00 \$2,000.00 \$35,610.20	\$72.48 \$3,952.01 \$3,578.51 Pump's Share \$1,818.18 \$197.27 \$6,906.00 \$7.04 \$1,797.74 Pump's Share \$3372.50 \$314.76 \$8,960.00 \$78.00 \$78.00 \$2,000.00 \$35,610.20	Power Power Supplies Total: Power Total: Description Alarms Electrical Services with Bigelow Electric Evaluate Sewer Pump Station Flow with DPC Power Power Power Update Sewer Station with A W Chesterton Co Supplies Total: Power Total: Description Electrical Services on Pump with Bigelow Electric Materials Power Power	\$1,191.86 \$7,603.00 \$10,719.19 \$10,079.22

3 2	354-04	17.48 19.4	Sewage - /	Additional Costs from 1980 to 1990	
Year		PO No.	Amount	Description	Pump's Share
	1989	28090	\$3,630.00	Plasti-Fab fume and flow recorder	\$3,630.00
	1990	32519	\$500.00	Start-up service for flowmeter and flume	\$500.00



The Metropolitan District

water supply 'environmental services 'geographic information

July 25, 2019

Mr. Ray Jarema Berlin Water Control Manager 240 Kensington Road Berlin, CT 06037

Re: Payment to Berlin Water Control Commission

Dear Mr. Jarema:

I am in receipt of your July 1, 2019 letter to Scott Jellison, Chief Executive Officer of The Metropolitan District ("District") seeking payment for water/sewer service to District customers and operations and maintenance costs for the Deming Road Pump Station. Mr. Jellison asked that I respond to your letter on his behalf. Your letter seeks payment dating back to 1987. Unfortunately, the District is unable to make payment for any costs dating back more than six (6) years.

First, the Berlin Water Control Commission (BWCC) is seeking \$11,005.34 for sewer service to District Customers on Rowley Street in Newington for the time period 1994 to 2009. In 2016, District staff and BWCC investigated unpaid costs for sewer service for these customers and the District paid \$11,526.59 for 2010 to 2015 costs. Payments have since been made for 2016 and 2017 and the District is awaiting an invoice for 2018. No payments will be made for any costs prior to 2010.

Second, BWCC is seeking \$63,907.79 for water consumption for District customers on Rowley Street and Willow Lane in Newington for 1990 to 2017. The District has previously applied credits to the Town of Berlin's account for water consumption for 2009 to 2017. In 2015, the District applied a \$20,109.64 credit for water consumption for 2009 to July 2015. In 2018, the District applied an \$8,413.17 credit for the rest of 2015 through 2017. No credits or payments will be made for consumption prior to 2009.

Last, BWCC is seeking \$659,455.88 for costs related to the Deming Road Pump Station. Please provide supporting documentation including work orders, invoices, labor charges, electricity bills, etc. to support the claimed dollar amounts for the time period July 1, 2013 to present. The District will review the documentation and contact you regarding payment.

If you have any questions or concerns, I can be reached at (860) 278-7850 ext. 3113.

Very truly yours,

THE METROPOLITAN DISTRICT

Christopher Levesque, P.E.

Chief Operating Officer

cc: John Mirtle Susan Negrelli

TO: MDC Board Members

My name is Ray Jarema, current Manager of the Berlin Water Control Department

Berlin has consistently and routinely paid the MDC since the mid 1960's for various services including the privilege of being able to purchase 0.5 million gallons per day of potable water, if needed. Without fail we have paid MDC on time. MDC enjoys our services as well, but has not reciprocated in payments for those services, and has enjoyed "unjust enrichment" at our expense.

According to the Mattabassett District, for 2019, 175.42 million gallons of sewage was pumped through our Deming Road Pump Station. Our data indicates that 80% of this flow is attributed to the MDC (from Newington and Rocky Hill). There are, of course, significant expenses associated with operating the pump station.

I have detailed the issues in correspondence to Mr. Scott Jellison in July 2019 and to Mr. Christopher Levesque in October 2019. A follow-up letter this year (in May 2020) has gone unaddressed to date. The Town requires fair compensation for the services provided. We should recognize that if Berlin was to abruptly curtail our services to the MDC, your cost could possibly be twenty times greater than the compensation we are seeking so while the outstanding balance is a significant sum, the services provided were likewise significant.

I welcome an opportunity to discuss details of the services Berlin provides and the amicable resolution of the issues.

Respectfully,

Ray Jarema