



GRAND BLANC

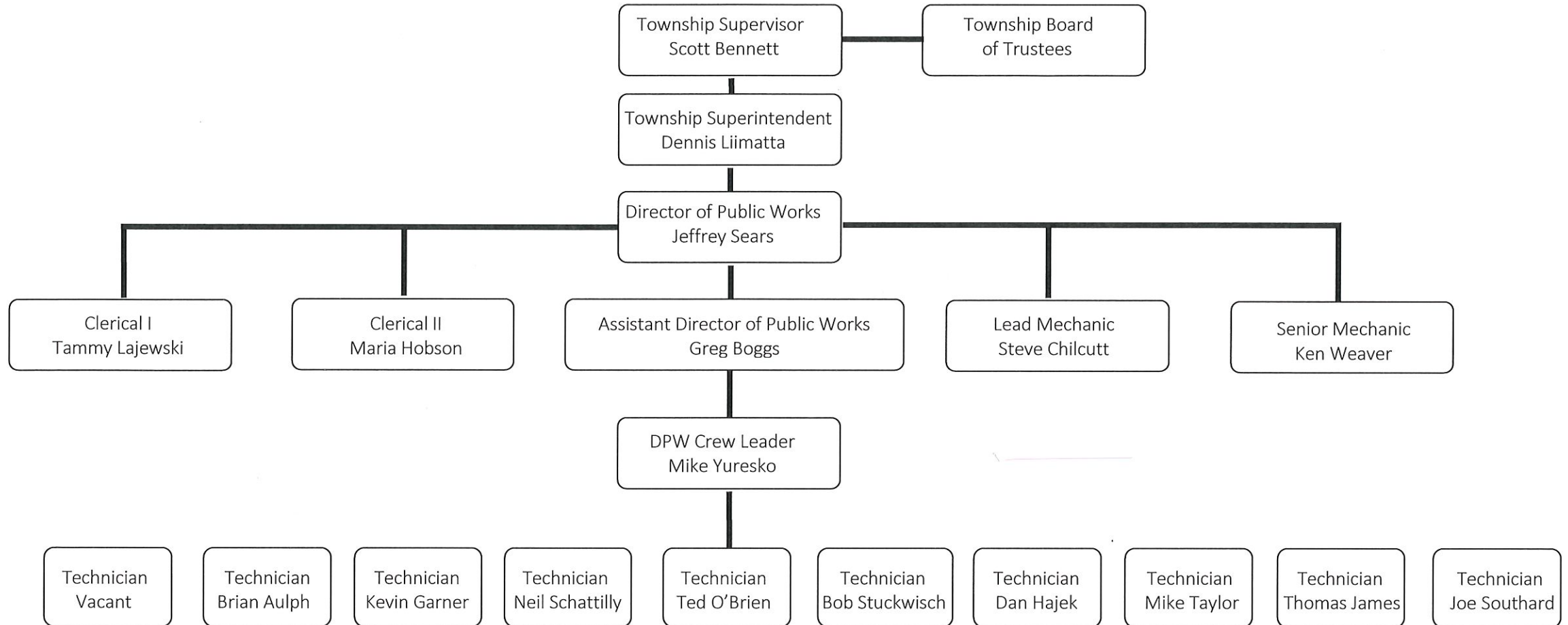
T O W N S H I P
ESTABLISHED 1833

Proposed 2019 Department of Public Works Budget

1st Edition

September 11, 2018

DEPARTMENT OF PUBLIC WORKS
ORGANIZATIONAL CHART



TWP Metered Water	Projected Usage	Efficiency	Projected Sales	TOTAL USAGE REVENUE	Total revenue from the water commodity fee. (Per 100/Cu. Ft)
\$	1,100,000	93%	1,023,000	\$ 7,212,150.00	
7.05					

TWP RTS	TOTAL Meters	TOTAL TWP RTS	RTS Fee per meter as established by the meter equivalency table.
See Meter Equivalent Sheet	7,888	\$ 1,939,434.00	

Genesee County WWS Charges for Water Supply	
WWS RATE / 100 Cu Ft	Projected Usage
\$ 5.75	1,100,000
TOTAL WATER FEE TO GCWWS	\$ 7,237,000
Monthly Peaking Charge \$	76,000
x 12 months \$	912,000

TOTAL WATER SALES REVENUE	\$ 9,151,584.00
Water Line Construction Fee	\$ -
Water Meter Sales	\$ 20,000
Other Meter Sales	\$ 7,000
Delinquent Charges	\$ 100,000
Miscellaneous Revenue	\$ 2,000
Appropriation from Fund Balance	\$ 1,500,000
TOTAL WATER DEPT REV	\$ 10,780,584.00

FLAT RATE SEWER				
GCWWS RTS / Unit - Flat	BILLED REU'S	TOTAL COUNTY RTS FLAT		These Sewer revenues account for flat rate sewer customers who do not have any metered water service in their home (1/4 of customers).
\$ 27.43	5,250	\$ 1,728,090.00	\$ 1,728,090.00	
TWP SEWER RTS / Flat	BILLED REU'S	TOTAL TWP RTS FLAT		
\$ 12.24	5,250	\$ 771,120.00	\$ 771,120.00	

METERED SEWER				
GCWWS Metered Sewer / 100 cu ft	PROJECTED USAGE	TOTAL COUNTY USAGE		These Sewer revenues are from all properties with metered water and sewer service (3/4 of Customers).
\$ 1.82	1,100,000	\$ 2,002,000.00	\$ 2,002,000.00	
GCWWS RTS / Unit - Metered	BILLED REU'S	TOTAL COUNTY RTS METERED		
\$ 4.67	17,000	\$ 952,680.00	\$ 952,680.00	
TWP SEWER RTS / Metered	BILLED REU'S	TOTAL SEWER REVENUE		
\$ 12.24	17,000	\$ 2,496,960.00	\$ 2,496,960.00	
		Delinquent Charges	\$ 170,000	
		Misc. Revenue	\$ -	
		Appropriation from Fund Balance		
		TOTAL SEWER DEPT REV	\$ 8,120,850.00	
		PAID TO GCWWS	\$ 4,682,770.00	

2019 DPW Budget Summary

	2016 Actual	2017 Actual	2018 Adopted	2018 Actual Through 8/31/2018	2019 Proposed
REVENUE TOTALS	\$ 18,279,838.00	\$ 18,219,389.00	\$ 21,130,929.00	\$ 12,040,259.00	\$ 21,788,634.00
TOTAL APPROPRIATIONS	\$ 16,707,032.00	\$ 17,603,750.00	\$ 20,864,584.00	\$ 9,746,115.00	\$ 21,071,529.00
CAPITAL FEES	\$ 1,110,289.00	\$ 1,092,109.00	\$ 500,000.00	\$ 840,690.00	\$ 500,000.00
Net Revenue/Expenses minus Capital fees					\$ 217,105.00

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BUDGET REPORT FOR GRAND BLANC TOWNSHIP
 Fund: 592 DPW ~ Dept Of Public Works

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 ACTIVITY THRU 08/31/18	2018 AMENDED BUDGET	2019 DEPT REQUESTED BUDGET
ESTIMATED REVENUES						
Dept 000 - Unclassified						
592-000-476.000	Non Business License/Perm	700	277			
592-000-669.000	Interest on Checking & Savings	192	199	125	200	200
592-000-670.000	Interest On Investments - CD's	19,540	56,435	45,088	9,000	20,000
592-000-670.100	Interest/Money Market	29,668	46,669	69,289	25,000	40,000
592-000-676.300	Refunds Or Reimbur	58,400	34,824			
592-000-677.000	Employee Health Insurance Deducte	37,210	41,333	33,156	30,000	37,000
Active employee contributions to healthcare						
592-000-686.265	Reimburse fr Gen(Facilities Maint				25,000	25,000
Payments from General Fund to DPW for facilities maintenance						
592-000-688.000	Insurance Refunds~Claims Settleme	3,771				
592-000-692.000	Misc Revenue	1,715	7,950	3,789	2,000	2,000
592-000-692.100	Rental Income			5,000		
592-000-693.000	Gain On Fixed Asset Sales	27,156	25,791			
Proceeds from the sale of used DPW equipment						
Totals for dept 000 - Unclassified		178,352	213,478	156,447	91,200	124,200

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 ACTIVITY THRU 08/31/18	2018 AMENDED BUDGET	2019 DEPT REQUESTED BUDGET
ESTIMATED REVENUES						
Dept 036 - DPW * WATER DEPT REVENUE						
592-036-642.000	Water Meter Sales	58,985	67,192	20,494	15,000	20,000
592-036-642.100	Additional Meter Fee	26,000	17,380	11,880	7,000	7,000
592-036-650.000	Metered Water - County	8,229,393	7,627,702	4,614,525	7,700,400	7,212,150
	Proceeds from water usage					
592-036-652.000	RTS Metered Water - Township	1,043,683	1,297,643	1,280,493	1,914,366	1,939,434
	RTS fee per meter					
592-036-662.000	Penalty - Delq Water	95,476	140,008	94,575	75,000	100,000
	Delinquent water bill fees					
592-036-692.000	Misc Revenue	300			2,000	2,000
592-036-696.000	Appropriation of Fund Balance				500,000	1,300,000
	Transfer in from fund balance for CIP projects					
Totals for dept 036 - DPW * WATER DEPT REVENUE		9,453,837	9,149,925	6,021,967	10,213,766	10,580,584

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ESTIMATED REVENUES						
Dept 037 - DPW*WATER GROWTH REVENUE						
592-037-621.000	Water Tap-In Fee	546,539	567,959	414,440	250,000	250,000
	Capital Fees					
592-037-665.000	WaterTap InterestLongTerm	6,292			7,000	3,000
Totals for dept 037 - DPW*WATER GROWTH REVENUE		552,831	567,959	414,440	257,000	253,000

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ESTIMATED REVENUES						
Dept 043 - DPW*INSPECTION REVENUE						
592-043-619.100	Line Inspection Fee	11,078	50,988	12,957	50,000	50,000
	Fees for the inspection of private development infrastructure projects					
592-043-619.200	DPW REVIEW FEE		9,748		10,000	10,000
	Fees collected for private development plan reviews to cover staff and consultants					
Totals for dept 043 - DPW*INSPECTION REVENUE		11,078	60,736	12,957	60,000	60,000

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 ACTIVITY THRU 08/31/18	2018 AMENDED BUDGET	2019 DEPT REQUESTED BUDGET
ESTIMATED REVENUES						
Dept 050 - DPW * SEWER REVENUE						
592-050-619.000	Sewer Tap-In Fee	5,935	22,958			
592-050-648.000	Metered Sewer Usage Fees - County	1,780,460	1,708,809	1,088,652	2,184,000	2,002,000
	Sewage treatment fee based on water usage					
592-050-648.100	Flat Sewer/Unit - County	1,533,957	1,671,748	1,103,192	1,660,612	1,728,090
	RTS fee to flat rate sewer accounts - GCDC fee					
592-050-648.200	RTS Metered Sewer - County	946,557	944,825	614,520	931,609	952,680
	RTS fee to metered sewer accounts - GCDC fee					
592-050-649.000	Metered Sewer Flat Fee/Unit- Town	2,484,924	2,476,669	1,610,697	2,441,733	2,496,960
	RTS fee to flat rate sewer accounts - Township fee					
592-050-649.100	Flat Sewer /Unit - Township	685,116	745,979	492,277	741,009	771,120
	Sewage use fee to flat rate sewer accounts - Township fee					
592-050-662.000	Penalty - Delq Sewer	83,041	132,153	98,860	100,000	170,000
	Delinquent sewer bill fees					
592-050-696.000	Appropriation of Fund Balance				2,200,000	2,400,000
	Transfer in from fund balance for CIP projects					
Totals for dept 050 - DPW * SEWER REVENUE		7,519,990	7,703,141	5,008,198	10,258,963	10,520,850

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ESTIMATED REVENUES						
Dept 051 - DPW*SEWER GROWTH REVENUE						
592-051-619.000	Sewer Tap-In Fee	563,750	524,150	426,250	250,000	250,000
Totals for dept 051 - DPW*SEWER GROWTH REVENUE		563,750	524,150	426,250	250,000	250,000
TOTAL ESTIMATED REVENUES						
		18,279,838	18,219,389	12,040,259	21,130,929	21,788,634

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 ACTIVITY THRU 08/31/18	2018 AMENDED BUDGET	2019 DEPT REQUESTED BUDGET
APPROPRIATIONS						
Dept 441 - DPW*ADMINISTRATIVE EXPENSE						
592-441-706.000	Salaries And Wages	290,826	348,760	252,504	428,362	378,622
	Director, Asst. Director, DPW Crew Leader, 1/2 Head Mechanic, Mechanic, two Clerical Staff					
592-441-707.000	Contingent Employees Wages	29,800	42,516	29,147	30,000	35,000
	Part-time and Seasonal Employees					
592-441-710.000	Overtime wages	6,580	22,139	17,428	10,000	22,000
	Overtime for hourly, union employees classified to this department					
592-441-715.000	Fica Taxes, Employer	19,531	24,684	17,651	27,765	27,219
592-441-715.900	Medi Fica Tax, Employer	4,562	5,917	4,128	6,493	6,366
592-441-716.000	Short & Long Term Disability Insu	2,280	3,164	2,142	3,500	2,625
592-441-717.000	Medical Insurance	128,810	128,691	102,146	146,325	147,698
592-441-718.000	Dental Insurance	6,654	8,411	6,563	10,000	8,022
592-441-719.000	Optical Insurance	35	204	16	400	
592-441-720.000	Life & AD & D Insurance	675	924	579	16,000	704
592-441-721.000	Retiree Insurance~Medical~Dental~	126,521	99,318	75,492	99,018	104,087
592-441-721.200	Reriree Health Care Savings Progr		875	3,250	3,450	3,250
	Health Care Savings plan for DPW Director					
592-441-722.000	Pension Expense	41,956	41,633	27,589	62,804	60,093
592-441-722.233	Post Employee Benefit Expense	415,439	446,481		495,000	495,000
592-441-724.000	Worker's Comp Insurance	32,934	27,731	21,013	40,000	8,219
592-441-727.000	Office Supplies	1,990	1,619	418	2,000	2,000
592-441-727.100	Computer Supplies	3,722	4,923	9,815	3,500	3,500
	Computers and computer accessories					
592-441-740.000	Operating Supplies	60,202	77,312	39,484	67,000	67,000
592-441-744.000	Uniform Expense	20,142	15,668	9,042	25,000	20,000
	Tech uniforms, boots, logoeed apparel					
592-441-786.000	Tools and Equipment	1,342	1,131	1,744	2,000	2,000
	Small handheld tools					
592-441-787.000	Furniture & Equipment Under \$2,50		9,178	4,691		
592-441-800.000	Bank Service Charge	55	10,264		3,000	3,000
592-441-802.000	Auditing Fees	38,310	39,460	40,660	42,000	42,000
592-441-818.000	Contractual Services	152,636	111,873	76,635	185,000	145,000
	Rowe Engineering general consulting, Potter Consulting					
592-441-818.100	Computer Contractual Serv	35,752	46,193	43,249	45,000	50,000
	Software maintenance, hosting fees, license fees (SCADA, City Works)					
592-441-818.300	Copier Lease Expense	1,671	1,844	993	3,500	3,500
	DPW Share to lease mailroom copier					
592-441-826.000	Legal/Attorney Fees	86,934	87,070	49,162	80,000	80,000
592-441-830.000	Membership & Dues	3,046	2,418	2,073	2,000	3,000
	AWWA, MRWA, APWA, MAMC, MWEA (DPW Admin memberships)					
592-441-831.000	Publications/Legal Notice	203	255		1,000	
592-441-850.000	Telephone Communications Expense	6,742	11,248	7,903	9,000	12,000
	Cell phone expenses for Director, Asst. Director and all DPW Techs and Mechanics					
592-441-863.000	Vehicle Maint & Repairs Expense	85,187	71,958	33,964	65,000	65,000
592-441-866.000	Gas,Oil,Wash,Tires,Etc Expense	29,522	34,024	24,679	55,000	45,000
592-441-868.000	Training (Seminar) Expense	3,976	8,217	10,479	6,000	10,000
	Classroom based training					
592-441-868.100	Computer Training Expense		15,000		1,000	1,000
	Web-based training					
592-441-910.000	Liability Insurance & Bonds Expen	59,926	58,148	49,457	70,000	70,000
592-441-930.000	Maintenance & Repairs Expense	3,035	12,966	17,876	4,000	6,000
	Maintenance and repairs to DPW pole barns					
592-441-942.000	Facilities Rental Expense (Due Ge	145,000	253,420		253,420	253,420
	Rental due to the general fund for Township Hall office space					
592-441-942.103	Shared Administrative Expense	206,234	468,228	471,996	471,996	501,510
	Shared expense for Superintendent, HR, Finance Dept., and cashiers					
592-441-942.172	Shared Township Superintendent Ex	50,000				

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APPROPRIATIONS						
Dept 441 - DPW*ADMINISTRATIVE EXPENSE						
592-441-942.228	Shared GIS/IT Expense(Due to Gene Shared expense for GIS services provided by IT Dept.	200,000	223,458	207,915	207,915	256,823
592-441-942.253	Shared Cashier Expense(Due to Gen	75,000				
592-441-956.000	Misc. Expense	6,823	171	13,940	1,000	1,000
592-441-957.000	Bad Debt Expense	2,002	1,455		5,000	5,000
592-441-959.000	Tuition Reimbursement Expense	1,609	2,016	1,700	3,000	3,000
592-441-962.000	Property Damage			1,810		
592-441-964.000	Refunds & Reimbursements Expense	3,290				
592-441-968.000	DEPRECIATION*EXPENSE	1,170,944	1,177,546			
592-441-970.000	Captital Outlay			577,508	795,000	360,000
592-441-970.142	*F/A Vehicles/Capt Outlay Purchase of DPW vehicles and Equipment (See Vehicle CIP Attachement)			178,138	253,810	264,000
592-441-970.441	*F/A Computer/Capt Outlay				5,000	5,000
592-441-984.000	Software			35,025		
Totals for dept 441 - DPW*ADMINISTRATIVE EXPENSE		3,561,898	3,948,511	2,470,004	4,046,258	3,578,658

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APPROPRIATIONS						
Dept 443 - DPW*INSPECTION EXPENSE						
592-443-706.000	Salaries And Wages	57,999	60,979	10,490	60,786	48,149
	Wages for one full time inspector					
592-443-710.000	Overtime wages	4,608	8,300	1,392	5,000	5,000
	Overtime for hourly, union employees classified to this department					
592-443-715.000	Fica Taxes, Employer	3,665	4,060	691	4,085	3,295
592-443-715.900	Medi Fica Tax, Employer	857	950	162	956	771
592-443-716.000	Short & Long Term Disability Insu	411	467	302	500	324
592-443-717.000	Medical Insurance	23,882	23,905	16,353	26,266	26,178
592-443-718.000	Dental Insurance	1,493	1,496	1,122	2,000	1,570
592-443-720.000	Life & AD & D Insurance	120	133	80	150	85
592-443-722.000	Pension Expense	8,580	8,304	1,513	9,118	4,181
Totals for dept 443 - DPW*INSPECTION EXPENSE		101,615	108,594	32,105	108,861	89,553

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 ACTIVITY THRU 08/31/18	2018 AMENDED BUDGET	2019 DEPT REQUESTED BUDGET
APPROPRIATIONS						
Dept 536 - DPW*WATER - EXISTING USERS * EXPENSE						
592-536-702.000	Salary~Twp Manager~Appointed	144				
592-536-706.000	Salaries And Wages	77,100	58,740	41,313	68,804	140,022
	Wages for three full time Technicians					
592-536-710.000	Overtime wages	5,928	3,409	2,971	12,000	12,000
	Overtime for hourly, union employees classified to this department					
592-536-715.000	Fica Taxes, Employer	4,901	3,591	2,553	7,320	9,611
592-536-715.900	Medi Fica Tax, Employer	1,146	840	597	1,711	2,248
592-536-716.000	Short & Long Term Disability Insu	234	467	302	1,000	974
592-536-717.000	Medical Insurance	6,054	22,766	16,276	26,266	62,124
592-536-718.000	Dental Insurance	1,068	824	954	2,000	3,584
592-536-719.000	Optical Insurance	126			300	
592-536-720.000	Life & AD & D Insurance	68	133	80	400	256
592-536-721.200	Retiree Health Care Savings Progr			375		6,500
	Health care savings plan for full-time technicians					
592-536-722.000	Pension Expense	4,794	8,430	5,593	16,427	20,159
592-536-727.100	Computer Supplies		57			
	Computers and computer accessories					
592-536-740.000	Operating Supplies	50,429	81,724	28,619	55,000	55,000
	Misc. repair parts, aggregate, supplies needed for the Water Department					
592-536-786.000	Tools and Equipment	225	236	2,070	1,500	1,500
	Small handheld tools					
592-536-818.000	Contractural Services	19,573	51,440	60,916	69,084	69,084
	ROWE CIP project consulting					
592-536-818.100	Computer Contractual Serv		17,552	25,315	30,000	30,000
	Software maintenance, hosting fees, license fees (FlexNet, Sensus RNI, InfoWater)					
592-536-830.000	Membership & Dues		374	773	1,000	2,000
	MRWA, AWWA, MWEA (DPW Technicians)					
592-536-831.000	Publications/Legal Notice			1,757	500	1,750
	Annual Water Report					
592-536-868.000	Training (Seminar) Expense	1,200		493	2,000	4,000
	Classroom based training					
592-536-920.000	Utilities (Elec/Gas/Water/Sewer)	39,721	55,847	30,219	45,000	45,000
	Utilities for well houses, booster station.					
592-536-922.000	Water Fee	6,823,735	7,439,821	3,941,642	7,812,000	7,237,000
	Water purchased from Genesee County through master meters					
592-536-930.000	Maintenance & Repairs Expense	32,309	31,753	14,701	25,000	25,000
	Maintenance and Repairs to water stations and infrastructure					
592-536-956.000	Misc. Expense		141	991		
592-536-957.000	Bad Debt Expense	20,925		766		
592-536-962.000	Property Damage					15,000
	Damage to private property and roads to to maintenance and repair operations					
592-536-968.000	DEPRECIATION*EXPENSE	161,988	171,173			
	Depreciation of water infrastrucutre					
592-536-970.000	Captital Outlay			78,096	80,000	1,300,000
	Enhanced Maintenance (See attached enhanced maintenance schedule)					
592-536-970.486	*F/A WatMeters/CaptOutlay	17		19,810	45,000	45,000
	Purchase of water meters					
592-536-977.000	Equipment			4,358		
Totals for dept 536 - DPW*WATER - EXISTING USERS *		7,251,685	7,949,318	4,281,540	8,302,312	9,087,812

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APPROPRIATIONS						
Dept 550 - DPW*SEWER - EXISTING USERS * EXPENSE						
592-550-702.000	Salary-Twp Manager~Appointed	144				
592-550-706.000	Salaries And Wages	400,789	335,943	230,825	413,769	345,010
Six full-time DPW Technicians						
592-550-710.000	Overtime wages	21,318	19,095	16,549	20,000	20,000
Overtime for hourly, union employees classified to this department						
592-550-715.000	Fica Taxes, Employer	24,927	20,960	14,288	28,588	22,631
592-550-715.900	Medi Fica Tax, Employer	5,830	4,902	3,342	6,820	5,293
592-550-716.000	Short & Long Term Disability Insu	2,871	2,335	1,390	3,000	2,358
592-550-717.000	Medical Insurance	152,190	112,997	94,391	153,087	157,067
592-550-718.000	Dental Insurance	8,222	6,639	5,736	12,000	9,418
592-550-719.000	Optical Insurance	126			200	
592-550-720.000	Life & AD & D Insurance	836	666	367	1,000	619
592-550-721.200	Retiree Health Care Savings Progr			1,375		3,250
Health care savings plan for full-time technicians						
592-550-722.000	Pension Expense	57,618	47,632	31,461	67,331	51,590
592-550-740.000	Operating Supplies	11,225	11,247	5,143	15,000	10,000
Misc. repair parts, aggregate, supplies needed for the Sewer Department						
592-550-744.000	Uniform Expense		2,026			
592-550-786.000	Tools and Equipment	948	79	1,277	1,000	1,500
Small handheld tools						
592-550-806.100	Flow Monitoring	45,845	43,110	52,064	46,980	86,000
HACH Sewer Flow Metering Contract						
592-550-818.000	Contractual Services	22,504	10,019	26,612	45,000	45,000
ROWE CIP Consulting						
592-550-818.100	Computer Contractual Serv			6,750	6,000	7,000
Software maintenance, hosting fees, license fees (InfoSewer, InfoMaster)						
592-550-879.000	Sewer Lift Station~Maintenance&Re	4,048	1,244		50,000	25,000
Maintenance and Repairs to sewer lift stations						
592-550-920.000	Utilities (Elec/Gas/Water/Sewer	32,231	32,696	22,557	35,000	35,000
592-550-924.000	Sewer Treatment Fee	4,352,798	4,316,493	2,115,266	4,776,221	4,682,770
Sewage treatment expence paid to Genesee County						
592-550-930.000	Maintenance & Repairs Expense	54,874	33,278	9,093	50,000	30,000
Maintenance and Repairs to sewer infrastructure						
592-550-956.000	Misc. Expense	33	200		1,000	1,000
592-550-957.000	Bad Debt Expense			1,117		
592-550-962.000	Property Damage			300		
Damage to private property and roads to to maintenance and repair operations						
592-550-968.000	DEPRECIATION*EXPENSE	586,862	590,421			
592-550-970.000	Captital Outlay			111,118	2,220,000	2,400,000
CIP Projects						
592-550-970.150	*F/A SewerSystem/CaptOutl				140,000	75,000
Enhanced Maintenance (See attached enhanced maintenance schedule)						
592-550-970.152	LIQUIDFORCE SEWER IMPROVEMENTS				300,000	300,000
LiquiForce Trenchless sewer repair program						
592-550-991.000	Debt~Principal~SWQIF Bond Expense			196,288	10,000	
592-550-996.000	Debt~Interest~SWQIF Bond Expense	5,595	5,345	15,157	5,157	
Totals for dept 550 - DPW*SEWER - EXISTING USERS *		5,791,834	5,597,327	2,962,466	8,407,153	8,315,506
TOTAL APPROPRIATIONS		16,707,032	17,603,750	9,746,115	20,864,584	21,071,529
NET OF REVENUES/APPROPRIATIONS - FUND 592		1,572,806	615,639	2,294,144	266,345	717,105
BEGINNING FUND BALANCE		92,460,351	94,033,155	94,648,797	94,648,797	96,942,941
FUND BALANCE ADJUSTMENTS		(3)				
ENDING FUND BALANCE		94,033,154	94,648,794	96,942,941	94,915,142	97,660,046

2019 Employee Distribution

Administration 592-441

- Director of Public Works
- Assistant Director of Public Works
- Public Works Crew Leader
- Public Works Clerical I
- Public Works Clerical II
- Summer Clerical Intern
- Summer Laborers (3)

Inspection 592-443

Water/Sewer Inspector

Water 592-536

- Water Service Technicians (2)
- Vacant Water Service Technician

Sewer 592-550

Sewer Service Technicians (7)

2019 Enhanced Maintenance Plan

Water 5 Year Operations Enhanced Maintenance Expenditures									
2019	2020		2021		2022		2023		
SCADA Expansion	\$40,000	SCADA Expansion	\$20,000	Well House Security	\$50,000	SCADA Rehab (radios)	\$10,000.00	SCADA Rehab (radios)	\$10,000.00
Embury Station Maint	\$65,000	Embury Pump Rehab	\$25,000	Embury Pump Rehab	\$25,000	Embury Pump Rehab	\$25,000		
Knollwood Asphalt	\$75,000	Holly Tower Floor	\$10,000						
Bulk Water Station	\$25,000								
TOTAL	\$205,000	TOTAL	\$55,000	TOTAL	\$75,000	TOTAL	\$35,000	TOTAL	\$10,000
Sewer 5 Year Operations Enhanced Maintenance Expenditures									
2019	2020		2021		2022		2023		
LiquiForce	\$300,000	LiquiForce	\$300,000	LiquiForce	\$300,000	LiquiForce	\$300,000	LiquiForce	\$300,000
Inkline Mowing	\$75,000	L/S Pump Rehab	\$45,000	L/S Pump Rehab	\$45,000	SCADA Rehab (radios)	\$10,000.00	SCADA Rehab (radios)	\$10,000.00
		SCADA Rehab	\$25,000	SCADA Rehab (radios)	\$10,000.00				
TOTAL	\$375,000	TOTAL	\$370,000	TOTAL	\$355,000	TOTAL	\$310,000	TOTAL	\$310,000

2019 DPW Capital Improvement Plan

Administration

Location	Project	Estimated Cost	Budget	Account Number
Playland	Playland Demolition	\$350,000.00	\$350,000.00	592-441-970.000
N/A	Dump Truck Replacement	\$194,000.00	\$200,000.00	592-441-970.142
N/A	Pick-up Truck Replacement (2)	\$60,000.00	\$64,000.00	592-441-970.142
Township Hall	GIS Server	\$10,000.00	\$10,000.00	592-441-970.000
	TOTAL		\$624,000.00	

Water

Location	Project	Estimated Cost	Budget	Account Number
Saginaw St South of Baldwin	Watermain Looping	\$838,650.00	\$838,650.00	592-536-970.000
Saginaw St North of Pepperwood	Watermain Looping	\$195,000.00	\$195,000.00	592-536-970.000
Trillium west to Laird	Watermain Looping	\$63,000.00	\$63,000.00	592-536-970.000
	TOTAL		\$1,096,650.00	

Sewer

Location	Project	Estimated Cost	Budget	Account Number
District 8 West of Genesys, South of Cook	Interceptor Upsizing	\$2,400,000.00	\$2,400,000.00	592-550-970.000
	TOTAL		\$2,400,000.00	