

2018 Capital Plan

Fund	OCDG	Proposed 2019					Total
		2019	2020	2021	2022	2023	
General Fund	Operating	484,760	198,000	171,392	170,393	183,279	1,207,824
	Capital Reserve	868,500	323,000	50,000	50,000	66,275	1,357,775
	Debt Borrowing	1,040,800	811,400	1,322,000	0	4,150,000	7,324,200
	Bonded	400,000	0	0	0	0	400,000
	Grant	996,600	3,506,600	4,048,000	0	16,275	8,567,475
	Parkland setaside	245,000	308,250	160,000	0	0	713,250
Total		4,035,660	5,147,250	5,751,392	220,393	4,415,829	19,570,524
Highway Fund	Operating	622,000	515,000	515,000	515,000	515,000	2,682,000
	Capital Reserve	0	0	0	0	0	0
	Debt Borrowing	1,220,000	315,000	790,000	815,000	315,000	3,455,000
	Bonded	0	0	0	0	0	0
	Grant	317,000	317,000	317,000	417,000	317,000	1,685,000
Total		2,159,000	1,147,000	1,622,000	1,747,000	1,147,000	7,822,000
Water Fund	Operating	618,500	642,000	707,000	667,000	667,000	3,301,500
	Capital Reserve	1,197,000	400,000	100,000	35,000	0	1,732,000
	Debt Borrowing	5,060,000	8,950,000	521,000	2,600,000	1,250,000	18,381,000
	Bonded	140,000	0	0	0	0	140,000
	Grant	3,000,000	0	0	0	0	3,000,000
Total		10,015,500	9,992,000	1,328,000	3,302,000	1,917,000	26,554,500
Sewer Fund	Operating	630,000	411,000	761,000	441,000	411,000	2,654,000
	Capital Reserve	920,000	350,000	50,000	150,000	150,000	1,620,000
	Debt Borrowing	2,000,000	0	1,500,000	0	1,500,000	5,000,000
	Bonded	0	0	0	0	0	0
	Grant	0	0	0	0	0	0
Total		3,550,000	761,000	2,311,000	591,000	2,061,000	9,274,000
Other							
TOTAL		19,760,160	17,047,250	11,012,392	5,860,393	9,540,829	
	Operating	2,355,260	1,766,000	2,154,392	1,793,393	1,776,279	9,845,324
	Capital Reserve	2,985,500	1,073,000	200,000	235,000	216,275	4,709,775
	Debt Borrowing	9,320,800	10,076,400	4,133,000	3,415,000	7,215,000	34,160,200
	Bonded	540,000	0	0	0	0	540,000
	Grant	4,313,600	3,823,600	4,365,000	417,000	333,275	13,252,475
	Parkland setaside	245,000	308,250	160,000	0	0	713,250
	Total	19,760,160	17,047,250	11,012,392	5,860,393	9,540,829	63,221,024
	Total w/o Grant Funding & Previously Bonded	14,906,560	13,223,650	6,647,392	5,443,393	9,207,554	49,428,549
	% w/o Grant Funding	100%	100%	100%	100%	100%	

Note: "Bonded" refers to funds already obtained via debt to distinguish from future projects/equipment which will require additional borrowing.

Summary of Anticipated Projects by Category

			2019	2020	2021	2022	2023
110	Preventative Maintenance	P M	97,000	43,000	0	0	0
110	Replacement aged/obsolete	RAO	1,319,300	529,300	274,392	213,393	376,279
110	Health & Safety	H & S	1,569,660	210,000	5,370,000	0	4,032,550
110	Service Enhancement	Service	1,049,700	4,364,950	107,000	7,000	7,000
110	Compliance	compliance	0	0	0	0	0
Total for General Fund			4,035,660	5,147,250	5,751,392	220,393	4,415,829
210	Preventative Maintenance	P M	782,000	782,000	782,000	782,000	782,000
210	Replacement aged/obsolete	RAO	1,277,000	365,000	365,000	365,000	365,000
210	Health & Safety	H & S	100,000	0	475,000	600,000	0
210	Service Enhancement	Service	0	0	0	0	0
210	Compliance	compliance	0	0	0	0	0
Total for Highway Fund			2,159,000	1,147,000	1,622,000	1,747,000	1,147,000
220	Preventative Maintenance	P M	675,000	600,000	600,000	600,000	600,000
220	Replacement aged/obsolete	RAO	788,000	267,000	67,000	102,000	67,000
220	Health & Safety	H & S	215,000	1,476,000	586,000	2,600,000	1,250,000
220	Service Enhancement	Service	190,000	0	0	0	0
220	Compliance	Compliance	8,147,500	7,649,000	75,000	0	0
Total for Water Fund			10,015,500	9,992,000	1,328,000	3,302,000	1,917,000
230	Preventative Maintenance	P M	200,000	50,000	50,000	0	0
230	Replacement aged/obsolete	RAO	1,155,000	411,000	761,000	441,000	411,000
230	Health & Safety	H & S	2,185,000	300,000	1,500,000	150,000	1,650,000
230	Service Enhancement	Service	10,000	0	0	0	0
230	Compliance	Compliance	0	0	0	0	0
Total for Sewer Fund			3,550,000	761,000	2,311,000	591,000	2,061,000
Total			19,760,160	17,047,250	11,012,392	5,860,393	9,540,829

**Capital Plan Projection
2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classifica tionTypes	Estimated PPU	Proposed 2019					total	Funding Source	
					2019	2020	2021	2022	2023			
GF	Justice Court	Laptop funded thru JCAP grant	RAO	5	1,900					1,900	Grant	G
GF	Total				1,900	0	0	0	0	1,900		
GF	Assessor	Pictometry	Service	5	1,000					1,000	Operating	O
GF	Assessor	Equipment for Aces program	RAO	5	1,000					1,000	Operating	O
	Total				2,000	0	0	0	0	2,000		
GF	114 Adams St. Garage- Renovate Building	Renovate garage for use by EMS; TB app'd financing in 2017; in construction; Substantial completion by end of 2018	H & S	25	400,000					400,000	Bonded	B
GF	Town Hall	Court Security / Police Renovations; deferring one year due to EMS building	H & S	25					4,000,000	4,000,000	Debt	D
GF	Town Hall	Equipment & Furniture - Bathroom Ren.; AC replacement; Postage Machine (517.23-02)	RAO	15	43,000	43,000	43,000	43,000	43,000	215,000	Operating	O
GF	Fuel System Upgrades	Replace pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (Water and Sewer Portion included in water / sewer line items) ; defer to 2018	H & S	25	195,000					195,000	Capital Reserve	C
GF	Town Hall	Replace 20 year old 200K generator	RAO	15					150,000	150,000	Debt	D
	Total				638,000	43,000	43,000	43,000	4,043,000	4,810,000		
GF	MIS	SAN (Storage Area Network) & switch replacements-COMPLETED 2018 new 2020	P M	5		23,000				23,000	Capital Reserve	C
GF	MIS	Replacement PCs town-wide	RAO	5	265,000					265,000	Capital Reserve	C
GF	MIS	Replace Unsupported Network Switches at DPW Field Garage, Parks Office and Highway Garage	RAO	5						0	Operating	O
GF	MIS	Replacement Iseries Server	RAO	5	40,000					40,000	Capital Reserve	C
GF	MIS	Replacement Backup Server	RAO	5	18,000					18,000	Capital Reserve	C
GF	MIS	Auditorium Projection System	RAO	5	14,000					14,000	Capital Reserve	C
GF	MIS	Misc. Equipment	RAO	5	5,000					5,000	Operating	O
GF	MIS	Windows SQL 2017	RAO	5	26,000					26,000	Capital Reserve	C
GF	MIS	Misc. Hardware/Software	RAO	5	10,000					10,000	Operating	O
	Total				378,000	23,000	0	0	0	401,000		
GF	GIS	IPAD GIS	RAO	5	1,000					1,000	Operating	O
	Total				1,000	0	0	0	0	1,000		
GF	Telecommunicators	Misc. Equipment & Hardware/Software	RAO	5	8,000					8,000	Operating	O
	Total				8,000	0	0	0	0	8,000		
GF	Police	40 Bulletproof Vests	H & S	5	15,500				16,275	31,775	Capital Reserve	C
GF	Police	40 Bulletproof Vests-from operating fund 50% Reimbursable from DCJS	H & S	5	15,500				16,275	31,775	Grant	G
GF	Police	Bullet Proof Window Reception area-Asset Forfeiture to fund	H & S	10	14,000						Grant	G
GF	Police	3-Police Patrol Cars In The Out Year- 2019 Chevy Tahoe \$36k, 2 Dodge Chargers \$30k, Chevy Impala \$23k +striping & equip \$15k	RAO	5	134,000	109,200	114,660	120,393	126,413	604,666	Operating	O
GF	Police	(522-23-02) 2 - PSD's - Prescreening Device	Service	5	1,000					1,000	Operating	O
GF	Police	Replacement License Plate Reader-LPR	RAO	5	20,000					20,000	Capital Reserve	C
GF	Police	(522-23-02) 2 In Car Video Camera Systems	RAO	5	10,000	10,000				20,000	Operating	O
GF	Police	(522-23-02) 3- Linstar Basement Security CCT Cameras	RAO	5	3,500					3,500	Operating	O
GF	Police	(522-23-02) 3 Remington shotguns	RAO	5		2,100				2,100	Operating	O
GF	Police	(522-23-02) Detective under cover equipment	RAO	5	4,500					4,500	Operating	O
GF	Police	(522-23-02) Fire Investigation Equipment-OSHA compliant fire helmets	H & S	5	2,660					2,660	Operating	O
GF	Police	(522-23-02) Tasers - 3 XP	RAO	5	4,500					4,500	Operating	O
GF	Police	(522-23-02)3 Radars replacements	RAO	5	6,600		6,732		6,867	20,199	Operating	O
GF	Police	(522-23-03) Replace Comnetix, Electronic Fingerprinting	Service	5	18,000					18,000	Operating	O
GF	Police	(522-23-03) Misc. Equip./Hardware/software Assoc. w/ CAD RMS	RAO	5	5,000					5,000	Operating	O
GF	Police	New CAD/RMS system	RAO	10	198,000					198,000	Capital Reserve	C
GF	Police	(522-23-03) Nikon Total Work Station	RAO	5	6,000					6,000	Operating	O
	Total				458,760	121,300	121,392	120,393	165,829	973,674		

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2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classifica tionTypes	Estimated PPU	Proposed 2019					total	Funding Source	
					2019	2020	2021	2022	2023			
GF	Building Department	Vehicle replacement; 605 (523.23.01)	RAO	10						0		
GF	Total				0	0	0	0	0	0		
GF	Signs & Signal Office	(522-23-02) 2 Speed Radar Signs; misc. hardware	Service	5	10,000					10,000	Operating	O
	Total				10,000	0	0	0	0	10,000		
GF	Salt Shed	Replace Salt Shed Roof (lower section); Upper section completed in 2014; Use of \$60K from capital reserves authorized in 2014; \$33K spent on upper section	RAO	20	27,000					27,000	Capital Reserve	C
GF	Highway Garage	Diagnostic equipment & Maintenance equipment (531-23.02)	RAO	10	22,000					22,000	Operating	O
	Total				49,000	0	0	0	0	49,000		
GF	Feura Bush Sidewalk	Elsmere to Murray - Town Board approved Capital Reserve funding	Service	10		250,000				250,000	Capital Reserve	C
GF	Murray Ave Sidewalk	Feura Bush to By-Pass	Service	10	90,000					90,000	Debt	D
GF	Kenwood Ave Sidewalk	Rockefeller to Radio Station (plus connection to Pinetree); \$9,000 in developer contribution	Service	10		9,000				9,000	Grant	G
GF	9W, Feura Bush Rd & Glenmont Rd Roundabout and Sidewalks	Grant funded portion	Service	15	639,200	3,237,600				3,876,800	Grant	G
GF	9W, Feura Bush Rd & Glenmont Rd Roundabout and Sidewalks	Town funded portion	Service	15	159,800	769,400				929,200	Debt	D
GF	9W, Feura Bush Rd & Glenmont Rd Roundabout and Sidewalks	Developer contribution (goes toward Town Share)	Service	15		40,000				40,000	Grant	G
GF	Delaware Ave Complete Streets and Road Diet	Grant funded (TAP / CMAQ portion) (80% - prelim design 2019; final design 2020; ROW 2020; Construction 2021)	H & S	30	256,000	168,000	2,488,000			2,912,000	Grant	B
GF	Delaware Ave Complete Streets and Road Diet	Grant funded (NYSOT Portion)	H & S	30			1,560,000			1,560,000	Grant	G
GF	Delaware Ave Complete Streets and Road Diet	Town funded (TAP / CMAQ portion) (20% - prelim design 2019; final design 2020; ROW 2020; construction 2021)	H & S	15	64,000	42,000	622,000			728,000	Debt	D
GF	Sidewalk Repair/Replace	Sidewalk repair, replacement of minor installations throughout Town (Includes Union to Rte 85 in 2018)	RAO	10	50,000	50,000	50,000	50,000	50,000	250,000	Capital Reserve	C
	Total				1,259,000	4,566,000	4,720,000	50,000	50,000	10,645,000		
GF	Sanitation	Replace hook lift container and equip (578-23.02)	RAO	5	20,000					20,000	Operating	O
GF	Sanitation	3 yd Wheel Loader	RAO	15	120,000					120,000	Debt	D
	Total				140,000	0	0	0	0	140,000		
GF	Seniors	TV, speaker and DVD primarily used for AARP Driver Safety Course	RAO	5								
GF	Seniors	Replacement of Wheel chair Van #806 (Town portion) 20%	RAO	5		13,000					Operating	O
GF	Seniors	Replacement of Wheel chair Van #806 (Grant Portion) 80%	RAO	5		52,000					Grant	G
GF	Seniors	Desk workstation and Chair	RAO	5	1,200						Operating	O
GF	Seniors	809 Replace Chevy Impala	RAO	5								
	Total				1,200	65,000	0	0	0	66,200		
GF	Parks	Pool improvements; Reline and replace gutters for Diving and learn to swim pools(2018/2019); Defer Olympic pool until 2020/2021; Town Board approved \$1,000,000 in financing in 2017; \$66K in engineering spent in 2017; Will need approx. \$375K in add'l funding for Olympic pool.	H & S	15	607,000		700,000			1,307,000	Debt	D
GF	Parks	Replace North Bethlehem and Selkirk Playgrounds. Town hall completed 2017; Selkirk added for 2020	RAO	10	75,000	50,000				125,000	Parkland Set Aside	P
GF	Parks	Elm Ave Park - Playground shelter; defer to 2019	P M	10	40,000					40,000	Parkland Set Aside	P
GF	Parks	Elm Ave Park - Small Pavilion	RAO	15			60,000			60,000	Parkland Set Aside	P
GF	Parks	Dog park; Fence area for small dogs; Defer to 2020	P M	10		20,000				20,000	Parkland Set Aside	P
GF	Parks	Building Improvements (family changing / bathroom Facility) AC replacement 2019 and 2020 (551.22-00)	Service	15	17,000	17,000	7,000	7,000	7,000	55,000	Operating	O
GF	Parks	Trail Network at Elm Ave Park as recommend by Park Master Plan - approx. 1/2 mile per year, including signage, of 10 year plan. Shed replacement in 2019 (551.22-03)	P M	15	57,000					57,000	Operating	O
GF	Parks	Fleet Purchase- (206) (551-23.01)	RAO	10	28,000					28,000	Operating	O
GF	Parks	Equip. and Furn (2019 - Soccer goal; mower) (2020 - Soccer goal) (551.23.02)	Service	10	33,700	3,700				37,400	Operating	O

**Capital Plan Projection
2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classifica tionTypes	Estimated PPU	Proposed 2019					total	Funding Source	
					2019	2020	2021	2022	2023			
GF	Parks	Elm Ave Park - New Pavilion; as recommended in master plan; defer to 2019	RAO	15	20,000	200,000				220,000	Parkland Set Aside	P
GF	Parks	Elm Ave Park - Multi-Use Field Development								0		
GF	Parks	Elm Ave Park - Water Meter Installation	RAO	15	65,000					65,000	Parkland Set Aside	p
GF	Parks	Henry Hudson Park - Natural Playground (Grant) - defer to 2019	Service	15	70,000					70,000	Grant	G
GF	Parks	Henry Hudson Park - Natural Playground (Town Share) - defer to 2019	Service	15	10,000					10,000	Parkland Set Aside	P
GF	Parks	South Bethlehem Park Master plan and Park Development Defer to 2020	Service	30		38,250	100,000			138,250	Parkland Set Aside	P
GF	Parks	Admin parapet roof replacement	RAO	30	35,000					35,000	Parkland Set Aside	P
	Total				1,057,700	328,950	867,000	7,000	7,000	2,267,650		
GF	Engineering	2007 Jeep Liberty 4WD - (506) (516.23-01)	RAO	5	25,000					25,000	Operating	O
GF	Engineering	Office partitions (516-23-02)	RAO	20	6,100					6,100	Operating	O
	Total				25,000	0	0	0	0	25,000		
	Total Fund	General			4,035,660	5,147,250	5,751,392	220,393	4,415,829	19,570,524		

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2018-2022**

Fund	Equipment/ Project No.	Description of Project	ClassificationType s	Estimated PPU	Proposed 2019						total	Funding Source	
					2019	2020	2021	2022	2023				
66	HF Hwy Improv.	Annual Pavement Program-Operating	P M	15	465,000	465,000	465,000	465,000	465,000	2,325,000	Operating	O	
66	HF Hwy Improv.	Annual Pavement Program - Chips Grant	P M	15	317,000	317,000	317,000	317,000	317,000	1,585,000	Grant	G	
67	HF Hwy Improv.	Wemple & River Rd intersection improvements	H & S	15	100,000		400,000			500,000	Debt	D	
68	HF Hwy Improv.	Blessing & Krumkill Intersection improvements - Developer contribution	H & S	15				100,000		100,000	Grant	G	
68	HF Hwy Improv.	Blessing & Krumkill Intersection improvements - Town Share	H & S	15			75,000	500,000		575,000	Debt	D	
	Total				882,000	782,000	1,257,000	1,382,000	782,000	5,085,000			
69	HF Machinery	Fleet purchase	RAO	10	1,120,000	315,000	315,000	315,000	315,000	2,380,000	Debt	D	
69	HF Machinery	Fleet Purchase (#11; #46; #34; #197) (533-23.01)	RAO	15	105,000					105,000	Operating	O	
69	HF Machinery	Utility Trailer, Lawn Mower, Misc Equipment (533-23-02)	RAO	10	52,000	50,000	50,000	50,000	50,000	252,000	Operating	O	
	Total				2,159,000	1,147,000	1,622,000	1,747,000	1,147,000	7,822,000			
	Total Fund	Highway			2,159,000	1,147,000	1,622,000	1,747,000	1,147,000	7,822,000			

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2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classification Types	Estimated PPU	Proposed 2019						total	Funding Source	
					2019	2020	2021	2022	2023				
WF	Admin. hardware	Recurring Cost	RAO	5									
	Total												
70	WF	Pump Stations	Buildings & Improvements (572.22-00)Roof/gutters/door/window Fisher Blvd	H & S	20	10,000	100,000	65,000			175,000	Operating	O
71	WF	Pump Stations	Buildings & Improvements Non slip chem floor @ pump sta. & Security Impr./Fence Fisher Blvd	H & S	20	65,000						Capital Reserve	C
72	WF	Pump Stations	Equipment & Furniture (572.23-02) Misc. repmt TX/Flow/UPS PLC Equip	RAO	20	20,000					20,000	Operating	O
73	WF	Pump Stations	Equipment & Furniture - Radio Comm.	RAO	20	50,000						Capital Reserve	C
74	WF	Water Tank Rehabilitation	Elm ave engineering and construction (tank interior) partially bonded	H & S	20		640,000				640,000	Debt	D
74	WF	Water Tank Rehabilitation	Elm ave engineering and construction partially bonded '16/17	H & S	20	140,000					140,000	Bonded	B
74	WF	Water Tank Rehabilitation	Remaining Tank work that is unbonded (selkirk Tank 2020; elm Ave Tank Exterior 2020; Kenwood tank 2021/2022)	H & S	20		736,000	121,000	600,000		1,457,000	Debt	D
75	WF	Stage III	Purchase and install flow meter and meter Chamber; Deferred to 2019; updated cost.	RAO	5	50,000					50,000	Capital Reserve	C
76	WF	Fisher Blvd PRV	16"PRV upgrade	RAO	15		100,000				100,000	Capital Reserve	C
		Total				335,000	1,576,000	186,000	600,000	0	2,582,000		
77	WF	SAWD - Well	Equipment (pump / meter / valve / elec / SCADA) (572.23-02)	RAO	5	2,000	5,000	5,000	5,000	5,000	22,000	Operating	O
		Total				2,000	5,000	5,000	5,000	5,000	22,000		
78	WF	Purification/ New Salem	Buildings & Improvements (573.22-00)	Compliance	15	87,500	75,000	75,000			237,500	Operating	O
79	WF	Dam Safety Improvements	Mandated improvements and repairs to Dam Facilities and reservoir to comply with NYSDEC regs. Spillway and abutment repairs not yet bonded. Updated 2013 estimate for construction in 2020.	Compliance	40	60,000	590,000				650,000	Debt	D
80	WF	NSWTP - DBP / WTP Improvement	Clarifier rehab; Recycle PS Improvements; Clearwell improvements. Defer additional work until CRWTP upgrades are complete	H & S	20			400,000	2,000,000	1,250,000	3,650,000	Debt	D
81	WF	NSWTP	Fleet Purchase - deferred from 2018 (Dredge equip and muck grinder)	RAO	15	125,000					125,000	Capital Reserve	C
81	WF	NSWTP	Fleet Purchase (573.22.01) Skid steer boom	RAO	10	7,500					7,500	Operating	O
81	WF	NSWTP	Fleet Purchase - Zero turn mower	RAO	10	20,000					20,000	Capital Reserve	C
82	WF	NSWTP	Equipment and Furniture (573.23-02)	RAO	10	14,500					14,500	Operating	O
82	WF	NSWTP	Equipment and Furniture - Alum Pump replacement & feed line Impr.	RAO	10	35,000					35,000	Capital Reserve	C
83	WF	NSWTP	SCADA Hardware and Software (573.23-03)	Service	5	15,000					15,000	Operating	O
84	WF	Vly creek reservoir	Purchase property (3 properties along banks of resevoir)	Service	15	135,000					135,000	Capital Reserve	C
		Total				499,500	665,000	475,000	2,000,000	1,250,000	4,889,500		
85	WF	CRWTP - Pre-treatment and plant rehab	Construction phase services and additional Design to rework process to address constructability issues. Town Board approved financinng in 2018	Compliance	40	1,000,000	584,000				1,584,000	Debt	D
85	WF	CRWTP - Pre-treatment and plant rehab	Construction of pre-treatment process and plant upgrades, including: pre-treatment (aeration, clarification, site work, building), raw water reservoir dredging & disposal, raw water main pigging, filter re-coating, filter/clarifier media replacement, backwash lagoon rehab	Compliance	40	4,000,000	6,400,000				10,400,000	Debt	D
85	WF	CRWTP - Pre-treatment and plant rehab	Construction of pre-treatment process and plant upgrades, including: pre-treatment (aeration, clarification, site work, building), raw water reservoir dredging & disposal, raw water main pigging, filter re-coating, filter/clarifier media replacement, backwash lagoon rehab - GRANT SHARE	Compliance	40	3,000,000					3,000,000	Grant	G
86	WF	Dinmore Road Wellfield	Land Acquisition	Service	30	40,000					40,000	Capital Reserve	C
87	WF	Clapper Rd	Vfd For Waste Pumps And Backwash Pumps (573.22.02)	RAO	15	32,500					32,500	Operating	O
87	WF	Clapper Rd	Vfd For Waste Pumps And Backwash Pumps -Trusses & doors for shipping containers & HVAC Impr for common area of WTP	RAO	15	85,000					85,000	Capital Reserve	C
88	WF	Vehicle / Equipment Replacement	Vehicle replacement; 335 - transfer existing to Engineering (504) 50% funded NYS grant	RAO	15	23,000					23,000	Operating	O
89	WF	Vehicle / Equipment Replacement	Mower and club car	RAO	15	42,000						Capital Reserve	C
90	WF	Purification/ Clapper Rd	Replacement Misc. failed/obsolete equip. & Furniture (573.23-02)	RAO	10	19,500	40,000	40,000	40,000	40,000	179,500	Operating	O
91	WF	Purification/ Clapper Rd	New on line Turb Meters Plant Wide	RAO	10	65,000						Capital Reserve	C
92	WF	Dinmore Road Wellfield	Gallery Pump	P M	10	75,000						Capital Reserve	C
93	WF	CRWTP	Hard ware / Software; PLC / Instrumentation / Control / wiring (573.23-03)	RAO	5	12,000	12,000	12,000	12,000	12,000	60,000	Operating	O

**Capital Plan Projection
2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classification Types	Estimated PPU	Proposed 2019						total	Funding Source	
					2019	2020	2021	2022	2023				
	Total				8,394,000	7,036,000	52,000	52,000	52,000	15,404,000			
94	WF 308 Kenwood	Misc. Building improvements to 308 Kenwood (574.22.00)	RAO	15	10,000	10,000	10,000	10,000	10,000	50,000	Operating	O	
95	WF Vehicle / Equipment Replacement	deferred from 2018 (307); 2019 (308); 2020 (305); 2022 (304)	RAO	10	70,000	100,000		35,000		205,000	Capital Reserve	C	
96	WF Transmission	Misc. tool, safety equip, pumps (574.23-02)	RAO	10	65,000					65,000	Operating	O	
97	WF Fuel System Upgrades	Replace fuel pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (water Portion)	RAO	10	25,000					25,000	Capital Reserve	C	
98	WF Water Main Replacements	Looping and replacement of aging water mains to improve water quality and reduce outages. Transition funding from Debt to Operating (574.24-03)	P M	40	300,000	400,000	500,000	600,000	600,000	2,400,000	Operating	O	
99	WF Water Main Replacements	Looping and replacement of aging water mains to improve water quality and reduce outages. Transition funding from Debt to Operating	P M	40	300,000	200,000	100,000			600,000	Capital Reserve	C	
100	WF Transmission	Land Acquisition	RAO	30	15,000					15,000	Capital Reserve	C	
	WF Total				785,000	710,000	610,000	645,000	610,000	3,360,000			
										0			
	Total Fund	Water			10,015,500	9,992,000	1,328,000	3,302,000	1,917,000	26,554,500			

**Capital Plan Projection
2018-2022**

Fund	Equipment/ Project No.	Description of Project	Classification Types	Estimated PPU	Proposed 2019						total	Funding Source	
					2019	2020	2021	2022	2023				
101	SF Sewer Collection	Pump Sta. Misc.- Land Acquisition (572-21-00)	Service	30	10,000						10,000	Operating	O
102	SF Sewer Collection	Misc. Building Improvements (572.22-00)	RAO	25	10,000	10,000	10,000	10,000	10,000		50,000	Operating	O
103	SF Vehicle / Equipment	2019 (409); 2021 (402) 2022 (413) (572.23.01)	RAO	5	35,000		350,000	30,000			415,000	Operating	O
104	SF Sewer Collection	SCADA Hardware and Software (572.23-03)	RAO	5	15,000							Operating	O
105	SF Force Main Rehabilitation	Force Main Replacement / Rehab (572.24-04)	RAO	30	150,000	150,000	150,000	150,000	150,000		750,000	Operating	O
106	SF Sewer Collection	Lining / Rehabilitation of sewers; including root control (572.24-04)	RAO	15	250,000	250,000	250,000	250,000	250,000		1,250,000	Operating	O
107	SF Sewer Collection	Hardware/ Software	RAO	5							0		
108	SF Pump Station Rehabilitation	Pump Station Replacement/Rehabs	H & S	30	2,000,000		1,500,000		1,500,000		5,000,000	Debt	D
108	SF Pump Station Rehabilitation	Pump Station Replacement/Rehabs - Engineering	H & S	30	45,000	150,000		150,000			345,000	Capital Reserve	C
108	SF Pump Station Rehabilitation	Hammagrael Pump Station elimination	H & S	30	140,000						140,000	Capital Reserve	C
109	SF Sewer Collection	Odor control implementation deferred to 2019	P M	15	150,000						150,000	Capital Reserve	C
110	SF Fuel System Upgrades	Replace pump at Town Hall, Highway Garage, Elm Ave Park and 308 Kenwood (Sewer Portion)	RAO	20	25,000						25,000	Capital Reserve	C
	Total				2,830,000	560,000	2,260,000	590,000	1,910,000		8,150,000		
111	SF WWTP	Misc. Building Improvements and Repairs - Storage; building repairs; pretreatment bldg roof (573.22-00)	RAO	15	55,000						55,000	Operating	O
112	SF WWTP	Building Improvements and Repairs - Pretreatment bldg roof	RAO	15	65,000						65,000	Capital Reserve	C
113	SF WWTP	Aeration Basin Cleanout (Every 3 years)	H & S	5		150,000			150,000		300,000	Capital Reserve	C
114	SF WWTP	Paving at WWTP - Defer 1 year	P M	12	50,000	50,000	50,000				150,000	Capital Reserve	C
115	SF WWTP	Hardware/ Software (573.23-03)	RAO	5	12,000	1,000	1,000	1,000	1,000		16,000	Operating	O
116	SF WWTP	Sludge Tanker and truck for tanker	RAO	15	400,000						400,000	Capital Reserve	C
116	SF WWTP	Fleet; Mower - 485 (573.23-01)	RAO	10	8,000						8,000	Operating	O
116	SF WWTP	Fleet; Pickup w/ plow - 431	RAO	10	45,000						45,000	Capital Reserve	C
117	SF WWTP	Equipment; 2 Sludge pumps 3 RAS valves;waste pump (573.23-02)	RAO	10	85,000						85,000	Operating	O
	Total				720,000	201,000	51,000	1,000	151,000		1,124,000		
	Total Fund	Sewer			3,550,000	761,000	2,311,000	591,000	2,061,000		9,274,000		