

Rock River Water Reclamation District
FY 2019/20 Budget Summary

FY 2019/20 Budget Summary

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MEMORANDUM
ROCK RIVER WATER RECLAMATION DISTRICT

DATE: May 1, 2019
TO: Board of Trustees
FROM: Chris Black, Finance Director
RE: FY 2019/20 Budget Summary

Summary

The proposed budget includes total revenues of \$48,398,005, an increase of \$6,056,784 (14.3%) to the FY 2019 budget. User fee revenues are \$38,468,952. This is \$4.2 million (12.4%) above the prior budget and \$4.3 million (12.6%) above the estimated FY 2019 actual. User fees rates are planned to increase approximately 11.7% for the average residential user and 13.8% overall.

The proposed spending plan totals \$64,691,571, an increase of \$10.2 million from the prior year. Operating and Maintenance expenses are budgeted at \$24,344,071. This is a total increase of \$1,320,824 (5.9%) from the prior year. Capital improvement projects and equipment total \$31.7 million as compared to the FY 2019 budget of \$23.1 million. The FY 2020 plan includes one large loan funded project, Cherry Valley Lift Station Parallel Force Main. Debt service increases about \$183,000 (2.2%) to \$8.7 million for FY 2020.

Revenue

Budgeted revenues total \$48.39 million, an increase of \$3.9 million (14.3%) from the prior year's budget. User fee revenues grow by \$4.3 million from the projected FY 2019 actual to \$38.4 million. Revenues include a developer contribution of \$1.1 million coinciding with a capital project. The planned increase nominal rate increase is 13.8% with the weighted user fee increase being 12.7%. The effective residential user increase, which includes the customer service charge, is approximately 11.67% (estimated \$3.19 per month). The customer service charge is \$6.31 per bill. Non-residential user bills will change depending on the amount and strength of contributed flows. The District continues to experience declines in billable flows that result in higher rates to generate the revenue needed to maintain our infrastructure and meet regulatory requirements.

Property tax revenue is expected to increase approximately \$79,000. The property tax levy request was increased to offset the loss of revenue from the discontinuing the payment of in lieu of taxes to customers located in the Village of Winnebago. State Replacement tax revenue increases \$100,000 to \$1.4 million based on state estimates.

Expenditures

The operations and maintenance expenditure budget is \$24,304,071 an increase of \$1.32 million (5.9%) from the prior year.

Salaries, which include a 3.25% increase for all employees, total \$10,484,713. This is a \$399,590 (4.0%) increase from the prior year's budget. The proposal includes no change in the number of full-time equivalent positions. Two full-time positions have been outsourced to contract provider resulting in a cost savings and a reduction in positions. The budget includes the addition of a Human Resource Manager position increasing salaries \$146,400. The staffing request also increases due to salary step and pay

adjustments for six positions. Fringe benefits decrease \$285,300 (5.9%) from the prior year to \$4,544,915. Health and dental insurance expenses are expected to decrease \$158,000 (6.7%). Health premiums decreased 8.0% and dental premiums increased 3.0% from the prior year. In addition, employee contributions for health insurance increase 1% on May 1, 2019 to 12% (single), 15% (single plus one), and 18% (family). The District's IMRF contribution in FY 2020 decreased from 10.75% to 8.56% of eligible wages. The rate decrease combined with increases in salaries results in an expected decrease in IMRF expense of \$112,800 (10.7%).

The budgeted amounts for other expense areas also change in the upcoming fiscal year. Please note that items previously budgeted in repairs and maintenance are budgeted to supply and contractual accounts. The purpose of change is to provide users greater detail on the types of expenses. The combined increase in supplies, contractual, and repairs and maintenance is \$1.25 million or 13.9%. Supply account group changes include an increase of \$30,000 for office furniture (previously budgeted in capital) and \$220,000 for the chemical polymer, which is used for treatment.

Significant changes in the contractual accounts group include the following:

- payments to the City of Rockford for water meter readings increase \$62,000 with an increase from \$1 annually per account to \$3 annually per account;
- an increase of \$180,000 for outsourced information technology staff by increasing the number from 1.0 to 3.0 staff; and
- completion of primary effluent line cleaning in the District's plant results in a one-time increase of \$375,000.

The budget for real estate taxes does not change from the prior year. The miscellaneous account group, which consists of the transfers and expense reclassifications, decreases \$42,100.

Cash Reserve Balances

The projected cash reserve balances at April 30, 2020 will be made up of approximately \$6.7 million of operating reserve balance and approximately \$4.35 million reserved for debt service. Per our financial policies, operating reserves are targeted at 25% of departmental operating expenses and debt service reserves are targeted at 50% of debt service payments for the budget year.

Capital Improvement Projects

Based on past experience, annual capital improvement plan (CIP) projects have been budgeted at 90% of the total planned cost. The total budget for CIP projects (\$29.2 million) and equipment (\$2.5 million) is \$31.7 million. New projects for the FY 2020 include:

- **Rockford Southeast Trunk** – \$2.75 million
- **New Maintenance Facility Construction** – \$3.0 million (FY 2020 – FY 2022)
- **Primary Filtration** – \$10.0 million (FY 2020 – FY 2022)
- **RAS Pump Replacement** – \$2.15 million

Capital Financing

For FY 2020 and future years, the District has applied for or plans to use State Revolving Loan Funds (SRLF) monies for the following projects:

- **Fuller Creek** – \$1.75 million
- **Winnebago WWTP Abandonment/Pump Station Upgrade** – \$830,000
- **Cherry Valley Force Main** – \$8.6 million;
- **Collection System Rehabilitation** – \$1.2 million (FY 2020 only)
- **Sewer System Lining Program** – \$1.6 million



Rock River Water Reclamation District
FY 2019/20 Budget Summary
Revenue Detail

	2017 Actual	2018 Actual	2019 Budget	2019 Projected	2020 Budget	'19-'20 Budget Change
O & M Revenue						
State of IL Replacement Tax	\$ 1,814,742	\$ 1,688,093	\$ 1,300,000	\$ 1,475,000	\$ 1,400,000	\$ 100,000
Flow Charge	14,718,049	16,361,384	16,377,859	17,100,000	19,271,700	2,893,841
BOD Charge	3,633,720	3,751,660	4,063,050	3,900,000	4,395,300	332,250
TSS Charge	10,490,000	10,764,684	11,522,906	10,850,000	12,227,950	705,044
Ammonia Charge	442,783	414,184	413,086	400,000	450,800	37,714
O & M Charges - Inc Pollutant	187,141	224,615	163,626	190,000	177,600	13,974
O & M Charges - WW Monitoring	755,121	200,845	230,096	200,000	180,000	(50,096)
O & M Charges - Organics	27,305	29,735	24,788	27,000	27,000	2,213
Customer Charge	1,619,843	1,785,174	1,864,621	1,911,237	2,153,964	289,343
Pilot Charge	215,402	220,966	75,000	215,000	115,000	40,000
Well Meter Charge		10,774	-	101	-	-
Penalty Charges	445,668	466,143	450,866	460,000	465,000	14,134
Lien Charges	68,973	59,650	51,666	55,000	75,000	23,334
Other Charges / Adjustments	(213,727)	(166,296)	(160,424)	(160,424)	(160,000)	424
Other Past Due Charges	126,359	58,068	36,926	85,000	85,000	48,074
Interest Income	113,994	174,423	149,219	280,000	200,000	50,782
Permit and Inspection Fees	124,756	168,702	199,290	207,760	180,000	(19,290)
License & WW Tr Permit Fees	80,126	88,845	84,188	84,571	84,571	384
Drawing Review & Doc Recording	1,287	3,009	2,400	2,400	2,400	-
Plans & Specs Fees	5,300	4,100	3,000	3,000	3,000	-
Rental Income	153,200	155,210	152,000	152,000	152,000	-
Misc. Other Income	423,684	548,999	227,179	240,000	262,179	35,000
Village of Winnebago payments	-	-	-	-	180,000	180,000
Total	35,233,724	37,012,967	37,231,341	37,677,646	41,928,465	4,697,124
Capital Revenue						
Corporate Tax Levy	3,045,638	3,699,040	3,793,460	3,780,000	3,860,400	66,940
Chlorination Tax Levy	815,163	808,195	828,820	824,600	840,540	11,720
Special Service Area Tax Levy	6,387	6,162	6,100	6,000	6,100	-
Connect Chg - Plant	423,097	867,273	350,000	380,000	400,000	50,000
Connect Chg - Basin Fee	99,066	413,830	117,000	120,000	248,000	131,000
Payback Charges	6,150	15,116	14,500	14,500	14,500	-
Cost Participation	-	83,385	-	-	-	-
Developer Contribution	-	161,535	-	-	1,100,000	1,100,000
Total	4,395,501	6,054,536	5,109,880	5,125,100	6,469,540	1,359,660
Total Revenue	\$ 39,629,225	\$ 43,067,503	\$ 42,341,221	\$ 42,802,746	\$ 48,398,005	\$ 6,056,784



Rock River Water Reclamation District
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Operations & Maintenance

	2017 Actual	2018 Actual	2019 Budget	2019 Projected	2020 Budget	'19-'20 Budget Change
Salaries						
Regular Salaries	\$ 6,854,940	\$ 7,466,031	\$ 8,341,505	\$ 8,341,505	\$ 8,669,846	\$ 328,341
Overtime	330,102	414,288	508,115	508,115	512,613	4,498
Holiday	384,262	415,665	454,777	454,777	473,684	18,907
Leave Time	366,267	340,271	137,521	137,521	156,760	19,239
Vacation	626,369	645,864	643,205	643,205	671,810	28,605
Salaries Total	8,561,939	9,282,119	10,085,123	10,085,123	10,484,713	399,590
Fringe Benefits						
I.M.R.F.	1,668,837	1,457,785	1,056,524	984,779	943,679	(112,845)
FICA	617,643	667,699	771,511	775,616	802,082	30,571
Health & Life Insurance	2,077,293	2,296,176	2,373,614	2,214,867	2,215,569	(158,045)
Retiree Health & Dental			128,684	119,959	82,058	(46,626)
Uniforms	10,929	11,064	12,960	12,960	14,650	1,690
Worker's Compensation	(2,909)	(235,254)	486,877	150,000	486,877	-
Fringe Benefits Total	4,371,793	4,197,470	4,830,170	4,258,181	4,544,915	(285,255)
Supplies						
Departmental Supplies	590,365	569,844	658,900	658,900	1,454,400	795,500
<i>Office Supplies</i>			-	-	28,450	28,450
Cleaning and Personal Supplies	32,137	25,427	24,000	24,000	27,500	3,500
Fuel	215,999	228,400	350,000	300,000	350,000	-
<i>Fuel Offsite</i>			-	-	6,000	6,000
<i>Grease & Oil</i>			-	-	18,000	18,000
Tires	48,677	54,947	50,000	50,000	50,000	-
<i>Vehicle Parts</i>			-	-	159,800	159,800
Periodicals and Books	2,613	4,547	11,570	11,570	19,630	8,060
Postage	39,153	63,650	45,800	55,000	60,500	14,700
Reproduction Costs	4,814	2,206	8,500	8,500	8,500	-
Small Tools and Equipment	117,678	130,739	151,900	151,900	147,390	(4,510)
<i>Mobile Phone Hardware</i>			-	-	6,500	6,500
<i>Computer Hardware (Non-Cap)</i>			-	-	7,500	7,500
<i>Computer Software (Non-Cap)</i>			-	-	7,500	7,500
<i>Office Furniture</i>			-	-	30,000	30,000
Safety Materials	46,461	47,708	45,850	45,850	28,850	(17,000)
Ferric Chloride	43,952	57,850	49,500	49,500	80,000	30,500
Chlorine	111,692	144,284	153,000	153,000	153,000	-
Acids	-	2,395	-	-	-	-
Polymer	329,299	429,767	300,000	500,000	520,000	220,000
Sodium Bisulfate	46,295	55,825	54,000	54,000	58,000	4,000
Other Chemicals	45,958	44,143	51,200	51,200	53,000	1,800
<i>Concrete</i>			-	-	195,000	195,000
<i>Road Materials</i>			-	-	156,100	156,100
Supplies Total	1,675,092	1,861,732	1,954,220	2,113,420	3,625,620	1,671,400
Contractuals						
Professional Services	71,930	118,725	167,550	128,150	191,950	24,400
Legal Services	91,540	7,384	50,000	5,000	32,000	(18,000)
Outside Service Contracts	963,885	1,286,680	1,300,950	1,300,950	3,156,806	1,855,856
<i>Vehicle Vendor Service</i>			-	-	50,000	50,000



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Operations & Maintenance

	2017 Actual	2018 Actual	2019 Budget	2019 Projected	2020 Budget	'19-'20 Budget Change
Contractuals Continued						
Publication Fees	20,742	23,614	30,500	30,500	30,500	-
Solid Waste Disposal	140,777	375,275	276,000	276,000	259,000	(17,000)
Leases	28,364	38,159	48,500	48,500	26,500	(22,000)
<i>Equipment Rental</i>						
Maintenance Contracts	697,937	647,288	702,300	702,300	752,700	50,400
Business Insurance	273,828	263,591	315,000	272,600	287,500	(27,500)
<i>Claims</i>						
Gas & Heating Oil	150,930	182,013	133,850	133,850	139,250	5,400
Electricity	713,512	345,213	716,700	716,700	611,500	(105,200)
Electrical Distribution Maint.	1,222	13,775	48,000	48,000	48,000	-
Generator Maintenance Expense	329,171	173,896	138,540	138,540	196,050	57,510
Telephone	178,661	192,447	225,500	225,500	228,400	2,900
Other Utilities	16,724	10,188	18,500	18,500	18,500	-
Training/Professional Dev.	51,178	69,620	88,400	88,400	65,649	(22,751)
<i>Travel/Lodging</i>						
<i>Education Reimbursement</i>						
Dues and Memberships	87,780	103,988	115,725	115,725	109,680	(6,045)
<i>Employee Recognition</i>						
<i>Employee Hiring/Recruitment</i>						
<i>Health & Wellness</i>						
<i>Food</i>						
Bank Charges	110,186	135,324	110,000	110,000	150,000	40,000
Miscellaneous	123,129	106,072	150,040	150,040	59,700	(90,340)
Sewer Call Expense	30,975	17,825	30,000	30,000	35,000	5,000
Contractuals Total	4,082,469	4,111,077	4,666,055	4,539,255	6,645,335	1,979,280
Repairs & Maintenance						
Repairs and Maintenance	2,143,753	2,629,775	2,367,100	2,367,100	5,000	(2,362,100)
Repairs & Maintenance Total	2,143,753	2,629,775	2,367,100	2,367,100	5,000	(2,362,100)
Real Estate Taxes						
Ag Land - Real Estate Taxes	30,312	28,595	30,850	30,850	30,850	-
Ag Land - Management Fees	15,280	15,461	15,280	15,280	15,280	-
Repairs and Maintenance	-	-	6,000	6,000	6,000	-
Real Estate Taxes Total	45,592	44,056	52,130	52,130	52,130	-
Miscellaneous Total						
GASB #51 Reclassification	(753,641)	(884,432)	(637,909)	(637,909)	(680,000)	(42,091)
Transfer to Capital Projects	(262,141)	(342,731)	(293,417)	(293,417)	(293,417)	-
Transfer to Special Assessments	(77,545)	(24,675)	(40,225)	(40,225)	(40,225)	-
Miscellaneous Total	(1,093,327)	(1,251,838)	(971,551)	(971,551)	(1,013,642)	(42,091)
Grand Total	\$ 19,787,312	\$ 20,874,391	\$ 22,983,247	\$ 22,443,658	\$ 24,344,071	\$ 1,360,824



Rock River Water Reclamation District
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Personnel Summary

	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget	'19-'20 Budget Change
Administration (20)							
District Director	1.00	1.00	1.00	1.00	1.00	1.00	-
Business Manager	1.00	1.00	1.00	1.00	1.00	1.00	-
HR Manager						1.00	1.00
Code Compliance Officer					1.00	-	(1.00)
Staff Services Coord.	1.00	1.00	1.00	1.00	1.00	1.00	-
Executive Services Coord.	1.00	1.00	1.00	1.00	0.50	0.50	-
Procurement/Word Processor	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	5.00	5.00	5.00	5.00	5.50	5.50	-
Billing, Collection & Finance (22)							
Billing & Collection Group Ldr	1.00	1.00	1.00	1.00	1.00	1.00	-
Financial Services Coord.	1.00	1.00	1.00	1.00	1.00	1.00	-
Financial Services Tech.	1.00	1.00	1.00	1.00	1.00	1.00	-
Accountant/HR Technician					1.00	1.00	-
Billing & Collection Clerk	5.00	5.00	5.00	5.00	5.00	5.00	-
Administrative Clerk	1.00	1.00	1.00	1.00	1.00	1.00	-
Cash Receipts Clerk/Office Hlpr	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	10.00	10.00	10.00	10.00	11.00	11.00	-
Information Technology Services (23)							
ITS Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	-
Systems Administrator	1.00	1.00	1.00	1.00	1.00	1.00	-
Programmer/Analyst	3.00	3.00	3.00	3.00	3.00	3.00	-
Network Administrator		1.00	1.00	1.00	1.00	1.00	-
Systems Technician	2.00	2.00	2.00	2.00	1.00	-	(1.00)
Applications Tech.		1.00	1.00	1.00	1.00	-	(1.00)
Software Applications Tech.	1.00	-	-	-	-	-	-
Total	8.00	9.00	9.00	9.00	8.00	6.00	(2.00)
Legal (24)							
General Counsel					1.00	1.00	1.00
Legal Secretary					1.00	0.50	0.50
Total	-	-	-		2.00	1.50	1.50
Engineering (40)							
Engineering Manager	1.00	1.00	1.00	1.00	1.00	1.00	-
Engineering Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	-
Project Eng III - Mgmt Assoc	3.00	3.00	3.00	3.00	4.00	4.00	-
Land Survey/ROW Coordinator	1.00	1.00	1.00	1.00	1.00	1.00	-
Project Eng II - Mgmt Assoc	1.00	1.00	1.00	-	-	-	-
Chief Eng. Const Technician	1.00	1.00	1.00	1.00	1.00	1.00	-
Eng Technologist-Designer	1.00	1.00	1.00	2.00	2.00	2.00	-
Eng Technologist-Surveyor	1.00	1.00	1.00	1.00	1.00	1.00	-
Eng Construction Tech II	2.00	2.00	2.00	3.00	3.00	3.00	-
Surveyor Technician	1.00	1.00	1.00	1.00	1.00	-	(1.00)
Eng GIS Permit Clerk					1.00	1.00	1.00
Engineering Coordinator	1.00	1.00	1.00	1.00	1.00	1.00	-
Eng Construction Tech I	1.00	2.00	2.00	-	-	-	-



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	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget	'19-'20 Budget Change
GIS Coordinator/Drafter	1.00	1.00	1.00	1.00	1.00	1.00	-
Engineering Permit Clerk	1.00	1.00	1.00	-	-	-	-
Engineering Secretary	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	18.00	19.00	19.00	18.00	19.00	18.00	(1.00)
Plant Operations Administration (50)							
Plant Operations Manager	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	1.00	1.00	1.00	1.00	1.00	1.00	-
Laboratory (51)							
Laboratory Spvr	1.00	1.00	1.00	1.00	1.00	1.00	-
Quality Assurance Analyst	1.00	1.00	1.00	1.00	1.00	1.00	-
Lab Technician III	1.00	-	1.00	1.00	1.00	1.00	-
Lab Technician II		1.00	-	-	-	-	-
Lab Technician I	1.00	1.00	1.00	1.00	1.00	1.00	-
Sample Technician/Courier	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	5.00	5.00	5.00	5.00	5.00	5.00	-
Pretreatment and Industrial (52)							
IWS Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	-
Pretreatment Program Group Leader						1.00	1.00
Pretreatment Prog Coordinator						1.00	1.00
IWP Compliance Tech		1.00	1.00	1.00	1.00	2.00	1.00
IWP Tech/Inspector	3.00	2.00	2.00	2.00	2.00	-	(2.00)
Pretreatment Program Tech				1.00	1.00	-	(1.00)
Pretreatment Tech Secy	1.00	1.00	1.00	-	-	-	-
Plant Oper Tech. Clerk	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	6.00	6.00	6.00	6.00	6.00	6.00	-
Support Services Admin & Field Locates (60)							
Supprt'ng Serv Manager	1.00	1.00	1.00	1.00	1.00	1.00	-
Supprt'ng Serv Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	-
Supprt'ng Serv Spvr - North						1.00	1.00
Supprt'ng Serv Grp. Ldr	1.00	1.00	1.00	1.00	1.00	-	(1.00)
GIS Coordinator-Cons. Clk					1.00	1.00	-
Supporting Serv. Coordinator	1.00	1.00	1.00	1.00	1.00	1.00	-
Locator Lead Person	1.00	1.00	1.00	1.00	1.00	1.00	-
Utility Tech Locator				1.00	1.00	1.00	-
Utility Technician	1.00	1.00	1.00	-	-	-	-
Inventory Clerk	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	7.00	7.00	7.00	7.00	8.00	8.00	-
Buildings and Grounds (61)							
Senior Bldg Repair Tech	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	1.00	1.00	1.00	1.00	1.00	1.00	-
Sewer Maintenance (70)							
Sewer Const. Lead Person	3.00	3.00	3.00	3.00	3.00	3.00	-
Tech Eqpt Operator/TV Truck	2.00	2.00	2.00	2.00	2.00	2.00	-



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Equipment Operator	3.00	3.00	3.00	3.00	3.00	3.00	-
Vactor/Flusher	5.00	5.00	5.00	5.00	5.00	5.00	-
Container/Garbage Tr Oper	-	-	-	1.00	1.00	1.00	-
Finisher	1.00	-	-	-	-	-	-
Manhole Rehab Tech.	-	1.00	1.00	1.00	1.00	1.00	-
Utility Technician	10.00	10.00	10.00	10.00	9.00	9.00	-
Administrative Clerk	-	-	-	-	1.00	-	(1.00)
Total	24.00	24.00	24.00	25.00	25.00	24.00	(1.00)
Vehicle Maintenance (75)							
Veh Maint & Inventory Gr Ldr						1.00	1.00
Chief Veh Maint & Inv Tech	1.00	1.00	1.00	1.00	1.00	-	(1.00)
Automotive Mechanic	2.00	1.00	1.00	-	-	-	-
Diesel Mechanic	1.00	2.00	2.00	2.00	2.00	2.00	-
Inventory Clerk	1.00	1.00	1.00	1.00	1.00	1.00	-
Total	5.00	5.00	5.00	4.00	4.00	4.00	-
Plant Operations (80)							
Assistant Plant Ops Spvr						1.00	1.00
Process System Engineer	1.00	1.00	1.00	1.00	1.00	1.00	-
Operations Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	-
Operations Lead Person	1.00	1.00	1.00	1.00	-	-	-
Treatment Plant Operator	10.00	10.00	10.00	10.00	11.00	13.00	2.00
Administrative Clerk						1.00	1.00
Total	13.00	13.00	13.00	13.00	13.00	17.00	4.00
Plant & Lift Station Maintenance (90)							
Maintenance Spvr Pro Eng					1.00	1.00	-
Maintenance Electrician	4.00	4.00	4.00	4.00	4.00	3.00	(1.00)
Maintenance Mechanic	4.00	4.00	4.00	4.00	4.00	5.00	1.00
Total	8.00	8.00	8.00	9.00	9.00	9.00	-
Grand Total	111.00	113.00	113.00	115.00	117.00	117.00	-

	2015 Budget	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget	'19-'20 Budget Change
Administration	23.00	24.00	24.00	24.00	24.50	22.50	(2.00)
Legal	-	-	-	2.00	1.50	1.50	-
Engineering	18.00	19.00	19.00	18.00	19.00	18.00	(1.00)
Plant Operations	28.00	28.00	28.00	29.00	29.00	33.00	4.00
Laboratory	5.00	5.00	5.00	5.00	5.00	5.00	-
Maintenance	37.00	37.00	37.00	37.00	38.00	37.00	(1.00)
Total	111.00	113.00	113.00	115.00	117.00	117.00	-

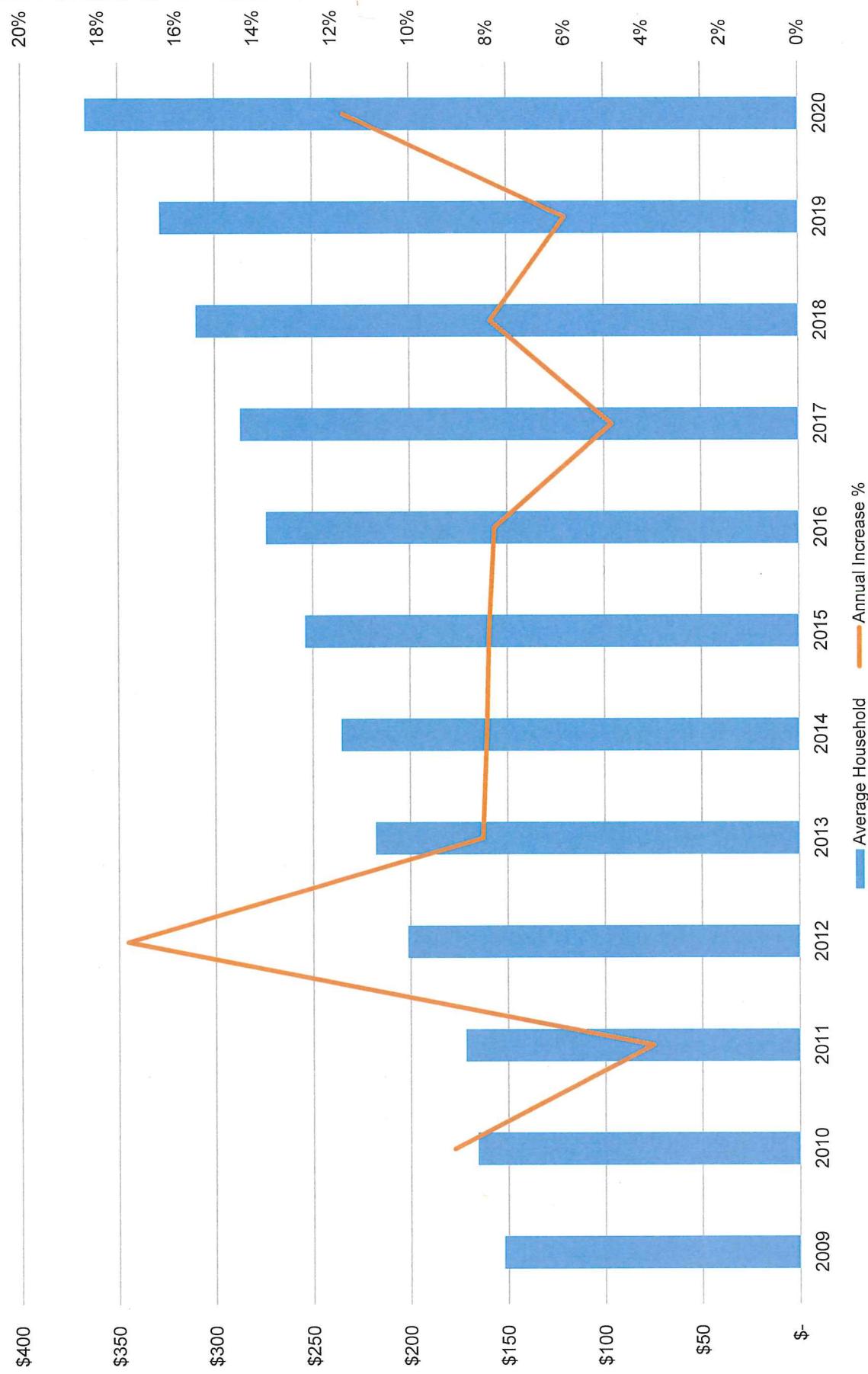


Rock River Water Reclamation District Strategic Financial Planning Model

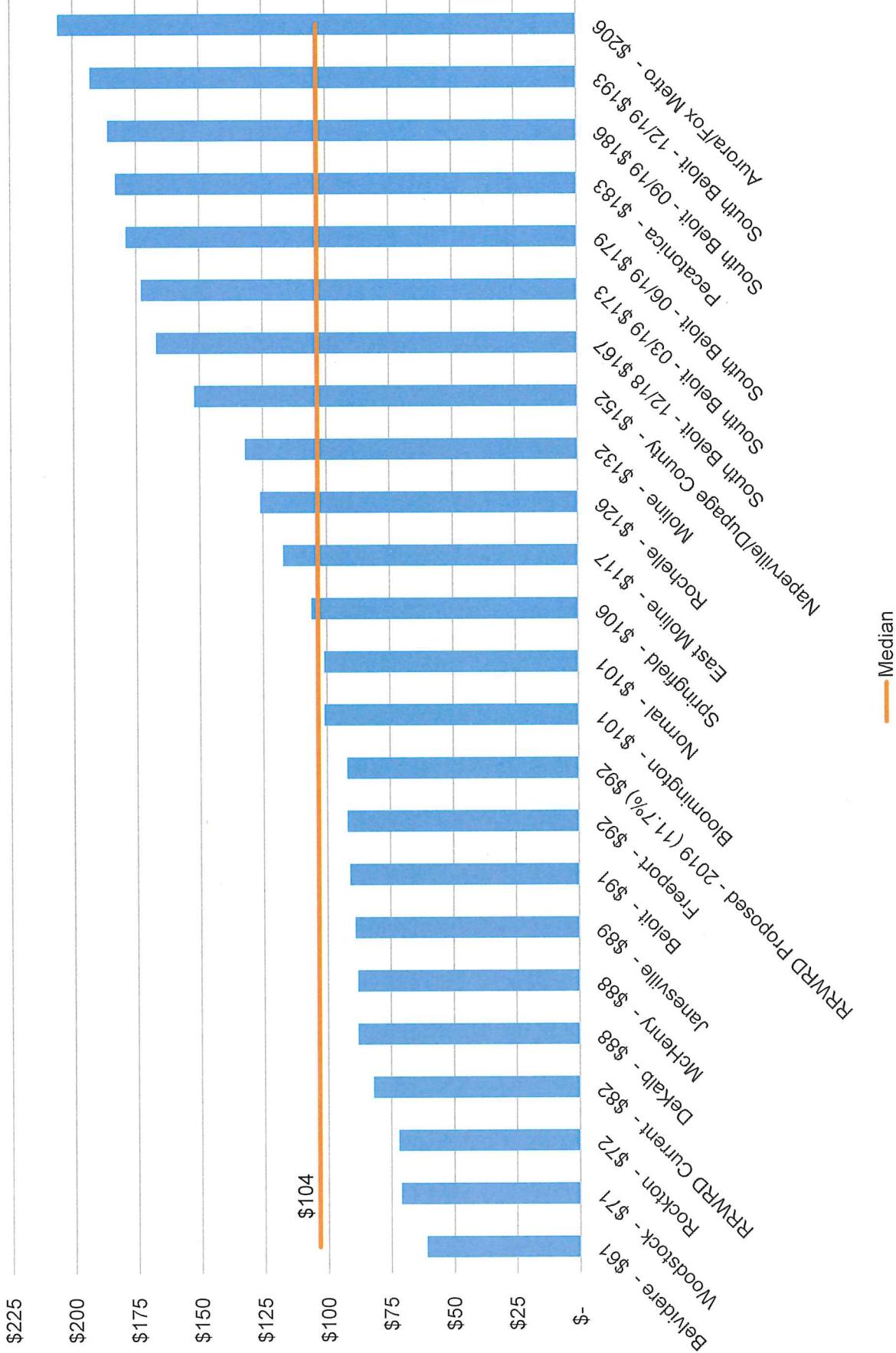
Current vs. Budget Year Rates - Bill Calculator Average Residential User

	Current Rates				Budget Year Rates				Percent Change
	FY 2018 - 2019				FY 2019 - 2020				
	Flow	BOD	TSS	NH4	Flow	BOD	TSS	NH4	
	CCF	lbs	lbs	lbs	CCF	lbs	lbs	lbs	
Strength Concentration (MG per liter)		200	250	12		200	250	12	
Quarter Loadings (converted to lbs.)		21	27	33	2	21	27	33	2
Constituent Unit Charges	\$ 2.03860	\$ 0.23931	\$ 0.76992	\$ 0.53405		\$ 2.06874	\$ 0.27791	\$ 0.99772	\$ 0.73490
Constituent Billing	\$ 42.81	\$ 6.46	\$ 25.41	\$ 1.07		\$ 43.44	\$ 7.50	\$ 32.92	\$ 1.47
Total Wastewater Service Charges			\$ 75.75					\$ 85.33	12.65%
Customer Charge			\$ 6.31					\$ 6.31	0.00%
Estimated Quarterly Amount			\$ 82.06					\$ 91.64	11.67%
Estimated Property Tax: Value, Levy Rate	\$ 100,000	\$ 0.2082	\$ 69.40			\$ 100,000	\$ 0.2042	\$ 68.07	-1.92%
Total Estimated Annual User Charges			\$ 397.64					\$ 434.63	9.30%
					Annual Variance			\$ 38.32	
					Monthly Variance			\$ 3.19	
					Annual with property tax			\$ 36.99	
					Monthly with property tax			\$ 3.08	

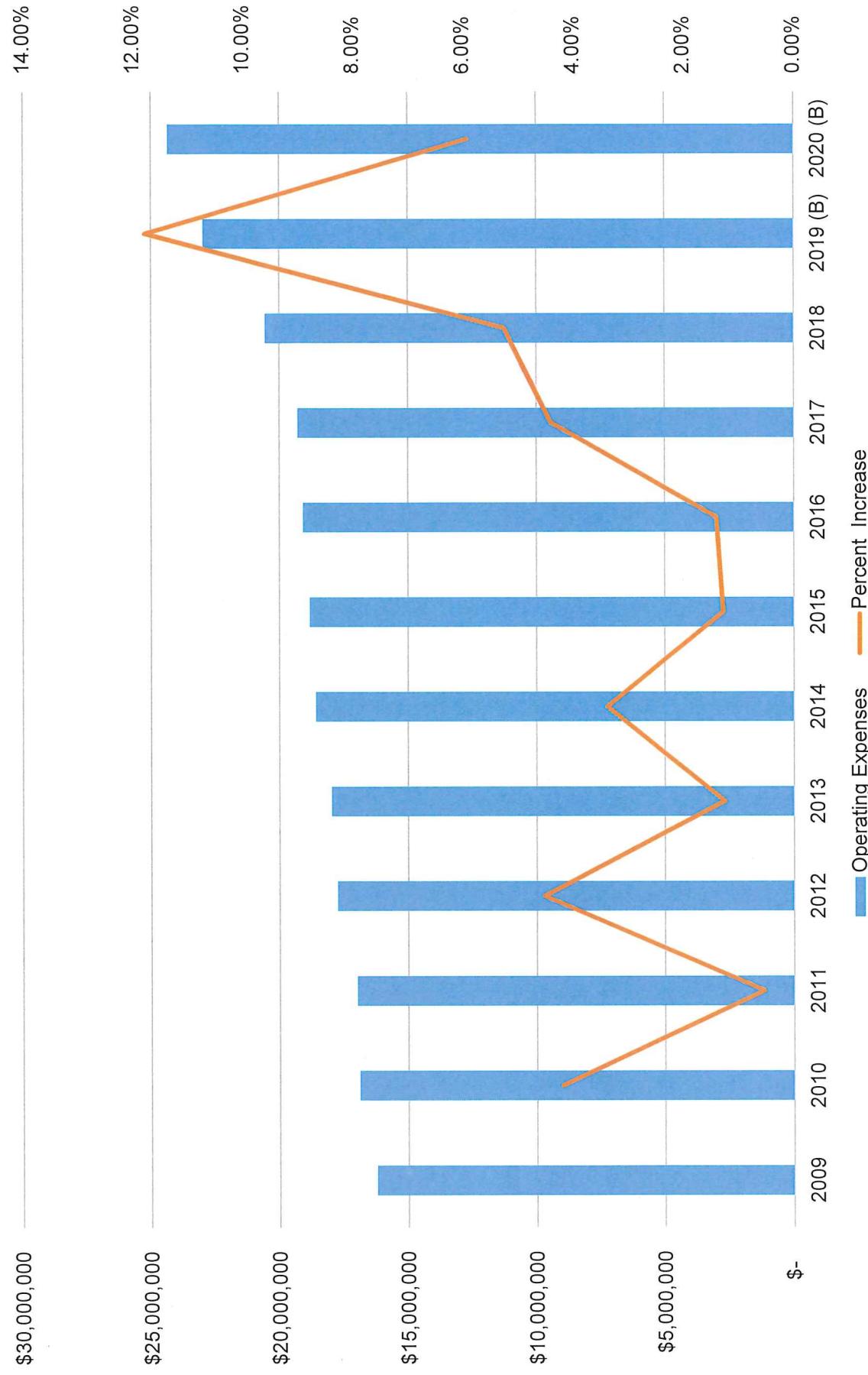
Rock River Water Reclamation District Rate History & Average Household Bill FY 2009 - FY 2020



2019 Quarterly Bill Comparisons
Includes Fixed Costs @ 21 Ccf



**Rock River Water Reclamation District
Operating Expenses
FY 2009 - FY 2020**



**ROCK RIVER WATER RECLAMATION DISTRICT
ROCKFORD, ILLINOIS**

BUDGETED AUTHORIZED FULL-TIME EQUIVALENT EMPLOYEES

Last Ten Fiscal Years

Department	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Administration	23	23	23	23	23	24	24	24	24	22.5
Legal	-	-	-	-	-	-	-	2	2	1.5
Engineering	18	18	18	18	18	19	19	18	19	18
Plant Operations	28	28	28	28	28	28	28	29	29	33
Laboratory	5	5	5	5	5	5	5	5	5	5
Maintenance	37	37	37	37	37	37	37	37	38	37
Total	111	111	111	111	111	113	113	115	117	117

Data Source

District Records

FY 2020

Capital Improvement Program - Expenditures
Escalated Cost Estimates (Thousands of Dollars)

PROJECTED CIP - FUTURE EXPENDITURES	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
New Sewer Extensions	\$4,225,000	\$3,039,479	\$2,420,390	\$1,480,044	\$336,189	\$823,896	\$356,663	\$747,394	\$769,816	\$792,912
Collection System Rehabilitation	\$6,640,000	\$5,925,127	\$9,195,298	\$10,742,981	\$7,651,209	\$6,507,586	\$5,780,407	\$6,903,897	\$6,132,435	\$5,510,057
Treatment Plant, Building & Improvements	\$4,285,000	\$12,073,042	\$4,764,290	\$4,119,363	\$4,242,943	\$10,053,921	\$10,250,999	\$51,709,555	\$43,866,475	\$11,584,560
Replacement Projects	\$17,320,000	\$2,832,603	\$1,644,555	\$1,091,743	\$1,124,496	\$7,128,492	\$1,192,977	\$1,228,767	\$1,265,630	\$1,303,599
TOTAL PROJECTED CIP	\$32,470,000	\$23,870,251	\$18,024,533	\$17,434,131	\$13,354,837	\$24,513,895	\$17,581,046	\$60,589,613	\$52,034,356	\$19,191,128
Departmental Equipment	\$2,468,317	\$2,139,749	\$2,424,015	\$1,957,503	\$1,995,362	\$3,359,251	\$2,347,111	\$1,829,620	\$2,767,055	\$2,850,065
90% CIP	29,223,000	21,483,226	16,222,080	15,690,718	12,019,353	22,062,506	15,822,941	54,530,652	46,830,920	17,272,015
90% CIP plus Equipment	\$ 31,691,317	\$ 23,622,975	\$ 18,646,095	\$ 17,648,221	\$ 14,014,715	\$ 25,421,757	\$ 18,170,052	\$ 56,360,272	\$ 49,597,975	\$ 20,122,080



**Rock River Water Reclamation District
Strategic Financial Planning Model
Capital Improvement Program**



**Rock River Water Reclamation District
Strategic Financial Planning Model
Capital Improvement Program**

Collection System Rehabilitation

Carry Over	Proj. No.	PROJECT	Historical Actuals		Project Spend Down - Cost Estimate Year Dollars									
			Projected Actual 2019	Budgeted 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	0718	22nd Ave Sewer Ext S. 7th St. S. 6th St.			\$250,000	\$10,000	\$225,000							
		Fac. Plan CIP (FFCIP) #1500-Eastrock			\$1,200,000	\$100,000								
2014	W. State St. Sewer Replace-Phase 2	\$ 20,000	\$ 20,000											
1833	Service Lateral Lining	\$ 2,400	\$ 200,000											
1933	Service Lateral Lining	\$ 650,000	\$ 750,000											
2033	Service Lateral Lining	\$ 650,000	\$ 650,000	\$ 650,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 750,000	
1834	Collection System Rehab (SRLF)	\$ 620,000	\$ 600,000											
2034	Collection System Rehab (SRLF)	\$ 1,200,000	\$ 500,000											
\$ 50,000	1854 Collection System Rehab	\$ 800,000	\$ 850,000											
2054	Collection System Rehab	\$ -	\$ 750,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	
1901	Service Repair/Cleaning (6 inch)	\$ 655,000	\$ 600,000											
2001	Service Repair/Cleaning (6 inch)	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	
4135	Other Unidentified Collection System Rehab-(Heile-ter-Heraeus-Ave.)	\$ 13,000												
1935	Other Unidentified Colicin Sys. Rehab	\$ 145,000	\$ 300,000											
2035	Other Unidentified Colicin Sys. Rehab													
	FPCIP 240-A (N. Second St. S. of 173)													
\$ 120,000	1402 Spring Creek Trunk Replace - (SRLF)													
	FPCIP #230B (Baldwin/Paradise PS)													
	1015 Cameron Ave. (S. of Darwood)	\$ 35,000												
	FPCIP #140B Partial, Phase 2 - Ohio Pkwy & Eastgate Pkwy													
1214	North Main St. Sewer Rehab w/ Road Reconstruction	\$ 700,000	\$ 1,300,000											
4247	S.-Main-St. Sewer Rehab-Cedar-Ogilby Village of Winn-Collection Rehab													
4302	Village of Winn-Collection Rehab													
1505	Interstate Diversion Basin Flow Monitor & Smokey Test	\$ 30,000	\$ 650											
\$ 50,000	1506 Harrison Av Recnstrctn Sewer Repairs	\$ 150,000	\$ 200,000											
\$ 25,000	1577 Keith Crk Trnk Reroute-8th St/15th St.	\$ 50,000	\$ 75,000											
	1903 Creek Crossing Protection Program													
	2003 Creek Crossing Protection Program													
	FPCIP 230A (W. Rockford - North) MH 087-151 to 087-068													
	1801 Brookview Rd / Spring Creek Sewer Rehab (MH 01-003 to 101-003)	\$ 100	\$ 20,000											
	1820 Renrose & Rock System Rehab	\$ 50,000	\$ 60,000											
2012	39th Street Sewer Rewrite													
2013	Manhole Lining													
2017	E. State St: IDOT 64190 (Ball School-190)													
2019	IL 251; IDOT 64D70 (Sandy Hollow-Blackhawk)													
20XX	E. State St: IDOT 64L-4 (Mili-Buckley)													
	COLLECTION SYSTEM REHAB SUBGROUP TOTALS:	\$3,920,500	\$4,975,650											
	SEWER System Lining													
1837	Sewer System Lining Program - (SRLF)	\$ 576,000	\$ 400,000											
2037	Sewer System Lining Program (SRLF)													
	SEWER LINING SUBGROUP TOTALS:	\$576,000	\$400,000											
	TOTAL	\$4,495,500	\$5,375,650											



**Rock River Water Reclamation District
Strategic Financial Planning Model
Capital Improvement Program**

Carry Over	Proj. No.	PROJECT	Treatment Plant, Building & Improvements													
			Historical Actuals		Projected Actual	Budgeted	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
1952		Painting & Coating - Lift Stations and Treatment Plant	\$ 5,000	\$ 75,000												
2052		Painting & Coating - Lift Stations and Treatment Plant	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
1938		Property Purchases	\$ 100,000	\$ 100,000												
2038		Property Purchases	\$ 200,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
1860		Admin Building Remodeling	\$ -	\$ 100,000												
1960		Admin Building Remodeling	\$ 46,224	\$ 50,000												
1939		Landscape and Grounds Improvements	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2039		Landscape and Grounds Improvements	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
1929		Other Unidentified Projects	\$ 75,000													
2029		Other Unidentified Projects	\$ 850,000	\$ 300,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
1902		HVAC Replacement	\$ 250,000	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
2002		HVAC Replacement	\$ 350,000													
1763		FPCIF Nutrient Removal - (SRLF)	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
		FPCIF Biosolids Expansion	\$ -													
1840		Collection System & Headworks Security	\$ 5,000	\$ 950,000												
1403		Cogeneration - Heat Utilization	\$ 280,000	\$ 200,000	\$ 200,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000
		Post Aeration	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
1609		Grease dumping station	\$ 550,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000
1610		Gravity Belt Thickener Expansion	\$ 2,000,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000
1706		Railings for Clarifiers	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
1756		Alt. 480 feed-Bldg & Lab	\$ -		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
1804		Clear Water Discharge-Admin Reroute	\$ 430,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
1906		Plant Roadway Replacement	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
2006		Plant Roadway Replacement	\$ 35,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000	\$ 55,000
1904		New Maintenance Facility (Design)	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
1905		Lab Improvements	\$ 80,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
2004		New Maintenance Facility (Construction)	\$ 1,380,000	\$ 4,360,000	\$ 4,360,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000	\$ 3,660,000
2022		Primary Filtration (SRLF)	\$ 6,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
2062		Household Hazardous Waste Site Renovation	\$ 80,000													
2070		Workshop Improvements	\$ 4,285,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000	\$ 4,700,000
TREATMENT PLANT, BUILDING & IMPROVEMENTS GROUP TOTAL			\$ 3,686,224	\$ 4,700,000	\$ 4,700,000	\$ 4,285,000										



**Rock River
Water Reclamation
District**
Strategic Financial Planning Model
Capital Improvement Program

Departmental Equipment														
Carry Over	Proj. No.	PROJECT			Project Spend Down - Cost Estimate Year Dollars									
		Projected Actual 2019	Budgeted 2019	Historical Actuals	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Engineering Equipment Requirements														
	1841	Mapping, Digitizing, & GPS Equipment	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	1941	Mapping, Digitizing, & GPS Equipment	\$ 20,000	\$ 20,000										
	2041	Mapping, Digitizing, & GPS Equipment	\$ 20,000	\$ 20,000										
	1842	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 6,900											
	1942	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 70,000	\$ 10,000										
	2042	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 70,000	\$ 10,000										
\$ 30,000	1510	Permanent Collection System Flow Metering	\$ 30,000											
	2071	Survey & Insp Utility Vehicle and Trailer	\$ 20,000											
		<i>Total Engineering Equipment Requirements</i>	\$ 96,900	\$ 60,000	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
TTS Equipment Requirements														
	NA	GASB 51 (internally developed software)	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317
	1843	Security Upgrade(s)	\$ 10,000	\$ 10,000										
	1943	Security Upgrade(s)	\$ 10,000	\$ 10,000										
	2043	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 15,000	\$ 10,000										
	1846	Other Unidentified Equip /Hardware /Software	\$ 30,400	\$ 50,000										
	1946	Other Unidentified Equip /Hardware /Software	\$ 60,000	\$ 60,000										
	2046	Other Unidentified Equip /Hardware /Software	\$ 100,000	\$ 60,000										
	1847	On Plant Process UPS Replacements	\$ 10,000	\$ 10,000										
	1848	Disk Storage & Data Backup Solutions	\$ 129,500	\$ 129,500										
	1948	Disk Storage & Data Backup Solutions	\$ 10,000	\$ 10,000										
	2048	Disk Storage & Data Backup Solutions	\$ 50,000	\$ 35,000										
		RPS Replacement	\$ 25,000											
	2072	Scale Terminal/Controller	\$ 25,000											
	1815	Servers/GPUs	\$ 25,000											
	1915	PC Upgrade(s)	\$ 800											
	2015	PC Upgrades(s)	\$ 20,000	\$ 10,000										
	1611	Laboratory Information Management System	\$ 15,000	\$ 15,000										
	1707	Plant wide WiFi	\$ 40,000	\$ 40,000										
	1708	Infor Inventory Bar Code Equipment	\$ 75,000	\$ 75,000										
	1805	Infor Map Drawer Integration												
	1806	New Accounting System (Replace Fundware)												
	1807	IBM z13s	\$ 92,000	\$ 85,000										
	1808	IBM CBU	\$ 66,000	\$ 66,000										
	1809	TV Truck Hardware/Software	\$ 66,000	\$ 66,000										
	1810	Laptop/Tablet Replacements & Additions	\$ 2,800											
	1910	Laptop/Tablet Replacements & Additions	\$ 80,000	\$ 20,000										
	2010	Laptop/Tablet Replacements & Additions	\$ 5,000	\$ 5,000										
	1811	New Core Switches	\$ 65,000											
	2073	New Phone System	\$ 75,000											
	2074	New Edge Switches	\$ 45,000											
	2075	Network Security Hardware/Software	\$ 65,000											
	2076	Replace Data Center UPS	\$ 65,000											
	2077	Wifi Phase 3	\$ 40,000											
	1970	Security Camera Replace/Upgrade	\$ 90,000	\$ 65,000										
	1971	Replace Plant Burglar Alarm/Keypads @ Admin	\$ 28,000	\$ 25,000										
	1972	Replace NF Alarm and Access Control	\$ 20,000	\$ 20,000										
	1973	End Point Switches/Core Switches (1G)	\$ 55,000	\$ 60,000										



**Rock River
Water Reclamation
District**
Strategic Financial Planning Model
Capital Improvement Program

Departmental Equipment														
Carry Over	Proj. No.	PROJECT			Project Spend Down - Cost Estimate Year Dollars									
		Historical Actuals	Budgeted 2019	Projected Actual 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	1974	Lavae Park ERP's		\$ 35,000	\$ 51,000									
	1975	NASCO/INFOR CUES Conversion		\$ 15,000	\$ 15,000									
	1976	Monitors (Upgrade All Employees to Dual)		\$ 45,000	\$ 45,000									
	1977	INFOR App Installation and Configuration		\$ 5,000	\$ 5,000									
	1978	Board Room Controls Update		\$ 5,000	\$ 5,000									
	1979	Video Meeting System (Engineering)		\$ 5,000	\$ 5,000									
		Total IT/TS Equipment Requirements	\$ 108,0817	\$ 70,500	\$ 962,317	\$ 609,317	\$ 624,317	\$ 572,817	\$ 679,317	\$ 704,317	\$ 614,317	\$ 614,317	\$ 614,317	
		Plant Operations Equipment Requirements												
	1853	Other Unidentified Equipment		\$ 50,000	\$ 100,000									
	1983	Other Unidentified Equipment		\$ 50,000	\$ 50,000									
	2053	Other Unidentified Equipment		\$ 50,000	\$ 50,000									
	1704	Laboratory Instrument Replacement		\$ 130,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	2005	Laboratory Instrument Replacement		\$ 7,900	\$ 65,000									
	1361	Closed Transition - Main Power		\$ 87,400	\$ 87,400									
	19XX	Siloxane Skid Insulation		\$ 55,000	\$ 37,000									
	2078	CNC Press Break Machine		\$ 30,000										
		Total Plant Operations Equipment Requirements	\$ 200,300	\$ 289,400	\$ 210,000	\$ 100,000	\$ 100,000	\$ 150,000	\$ 150,000	\$ 300,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000
		Supporting Services Equipment Requirements												
	1709	GMC Garbage Truck (420-088)												
	1710	GMC Flusher (420-054)												
	1711	Sterling 12-yard dump truck (420-076)												
	1712	Ford 5-yard dump truck (420-030)												
	1713	Dodge Dakota 4x4 pickup (420-085)												
	1714	Ford Explorer (420-032)												
	1717	Pace Tail Trailer (419-007)												
	1718	Deckover Equipment Trailer (419-064)												
	1719	Telehandler												
	1757	C5500 Van TV truck (420-087) chassis/equip												
	1758	C5500 Van TV truck (420-061) chassis/equip												
	1812	Ford Explorer (420-065)												
	1813	4/0 G Backhoe (421-053A)												
	1814	580 Super M (421-098A)												
	1817	Sterling 10-yard dump truck (420-005)												
	1818	Peterbilt 10-yard dump truck (420-000)												
	1819	Ford 5-yard dump truck (420-069)												
	1820	Interstate Flat Bed Trailer (419-054)												
	1822	Interstate Flat Bed Trailer (419-055)												
	1823	Load-Trail Trailer (419-004)												
	1824	Skid Loader (421-016)												
	19XX	Sterling Vactor (420-047)												
	1983	Kobelco SK80 Mini Excavator (421-000) (New)												
	1984	Sterling 10-yard dump truck (420-039)												
	1985	Peterbilt 10-yard dump truck (420-000) (New)												
	1986	Dierzen Dump Trailer (419-092)												
	1987	Dierzen Dump Trailer (419-093)												
	1988	Globe lowboy trailer (419-041)												
	1989	Ford Escape (420-003)												
	1996	Ford Escape												
	1991	Ford Escape (420-068)												



**Rock River
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Departmental Equipment													
Carry Over Proj. No.	Proj. No.	PROJECT			Project Spend Down - Cost Estimate Year Dollars								
		Historical Actuals	Projected Actual 2019	Budgeted 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	1982	Ford Escape (420-067)		\$ 24,651	\$ 28,400								
	1983	Dodge 4x4 Dakota Pickup (420-073)		\$ 24,651	\$ 28,400								
	19XX	Deckover Equipment Trailer (419-053)		\$ 20,000	\$ 16,000								
	2079	Ford Escape (420-086)				\$ 27,500							
	2080	Freightliner 10-Yard Dump Truck (420-041)				\$ 185,000							
	2081	Sterling Tractor (420-079)				\$ 153,000							
	2082	New Mini Excavator (421-089)				\$ 140,000							
	2083	Freightliner Flatbed (420-025)				\$ 132,000							
	2084	Ford F550 4x4 (420-027)				\$ 65,000							
	2085	ABS Trailer Mounted Pump (421-010)				\$ 43,500							
	2086	Ford F-150 (420-060)				\$ 37,000							
	2087	Ford E350 4X4 with utility box (420-020)				\$ 67,500							
	2088	T1 Brook Dump Trailer for Grit Blg (419-032)				\$ 40,000							
	2089	Interstate Flat Bed Trailer (419-061)				\$ 31,000							
	2090	Interstate Flat Bed Trailer (419-061)				\$ 31,000							
	2091	Ford Escape (420-072)				\$ 25,500							
	2092	Ford Escape (420-056)				\$ 25,500							
	2093	Ford F150 4x4 Supercab (420-029)				\$ 28,500							
	2094	Ford F550 4x4 Crew Cab W/Crane (420-057)				\$ 75,500							
	2095	Ford F350 Pickup (420-004)				\$ 28,500							
	2096	3-Ton Overhead Hoist				\$ 17,500							
	2097	26G Mini Excavator (421-026) For Plant Maint.				\$ 37,000							
	2098	Ford Escape (420-003)				\$ 25,500							
		Combination Jet/Vacuum truck (420-035)				\$ 500,000							
		Komatsu 200LC Excavator (421-040)				\$ 265,000							
		JD Wheel Loader (421-008)				\$ 182,400							
		Freightliner Tractor (420-040)				\$ 120,000							
		Ford F250 4x4 (420-015)				\$ 40,500							
		Ford F150 4x4 (420-060)				\$ 34,800							
		Ford F-150 (420-002)				\$ 27,000							
		Ford Escape (420-058)				\$ 22,900							
		Ford E250 Van (420-006)				\$ 27,500							
		Ford E250 Van (420-036)				\$ 27,500							
		Combination Jet/Vacuum truck (420-050)				\$ 505,000							
		Freightliner 10-Yard Dump Truck (420-042)				\$ 136,500							
		Freightliner 10-Yard Dump Truck (420-034)				\$ 136,500							
		4/0K JD Backhoe (421-024)				\$ 125,000							
		4/10K JD Backhoe (421-022)				\$ 125,000							
		Skid Loader (421-011)				\$ 89,000							
		Dodge Grand Caravan (420-012)				\$ 26,000							
		Harbin High Pressure Pump (419-049)				\$ 96,000							
		Ford F550 4x4 Crew Cab W/Crane (420-045)				\$ 75,000							
		Ford F550 4x4 Crew Cab W/Crane (420-062)				\$ 75,000							
		Ford F550 4x4 Crew Cab W/Crane (420-014)				\$ 75,000							
		Jet/Vacuum pickup (420-				\$ 89,000							
		pickup (420-				\$ 26,000							
		pickup (420-				\$ 35,000							
		Ford F-150 Explorer (420-007)				\$ 48,500							
		Husqvarna 7000D Concrete Saw (421-006)				\$ 30,500							
		Envyre lowboy trailer (419-039)				\$ 37,000							
		Mac Dump Trailer (419-093)				\$ 77,000							
		Mac Dump Trailer (419-094)				\$ 43,000							
						\$ 43,000							



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Departmental Equipment													
Carry Over Proj. No.	Proj. No.	PROJECT			Project Spend Down - Cost Estimate Year Dollars								
		Projected Actual 2019	Budgeted 2019	Historical Actuals	2020	2021	2022	2023	2024	2025	2026	2027	2028
		Trailer (419-											
Godwin Trash Pump (421-007)						\$ 43,000							
truck (420-028)				\$ 24,500		\$ 133,700							
Freightliner Muli-hole truck (420-016)						\$ 129,200							
Ford Expedition (420-013)						\$ 75,000							
Ford F350 4x4 (420-021)						\$ 64,300							
Ford F150 4x4 pickup (420-033)						\$ 36,000							
Ford F250 4x2 (420-010)						\$ 34,300							
Ford E250 Van (420-018)						\$ 25,500							
Econoline 12-Passenger (420-024)						\$ 30,400							
Ford F150 4x4 Supercab (420-051)						\$ 30,500							
Ford F150 4x4 Supercab (420-052)						\$ 30,500							
Ford F150 4x4 Supercab (420-019)						\$ 30,500							
Ford F150 4x4 Supercab (420-022)						\$ 30,500							
Ford F150 4x4 Supercab (420-026)						\$ 30,500							
Ford F150 4x4 Supercab (420-037)						\$ 30,500							
Ford F150 4x4 Supercab (420-084)						\$ 30,500							
Ford F150 4x4 pickup (420-086)						\$ 30,500							
Dodge Grand Caravan (420-046)						\$ 29,500							
Ford F550 5-yard dump truck (420-001)						\$ 60,000							
Freightliner 10-Yard Dump Truck (420-074)						\$ 185,000							
Freightliner 10-Yard Dump Truck (420-008)						\$ 185,000							
Freightliner Fisher (420-044)						\$ 300,000							
Ford E450 TV Truck (420-087)						\$ 510,000							
Ford E450 TV Truck (420-061)						\$ 510,000							
Ford Utilimaster (420-031)						\$ 58,000							
Ford F150 4x4 Supercab (420-084)						\$ 31,000							
Freightliner Tractor (420-049)						\$ 30,000							
Freightliner Tractor (420-023)						\$ 160,000							
Combination Jet/Vacuum truck (420-039)						\$ 515,000							
Ford F550 5-yard dump truck (420-030)						\$ 69,100							
Dodge Grand Caravan (420-089)						\$ 30,000							
Dodge Grand Caravan (420-032)						\$ 30,000							
Dodge Grand Caravan (420-085)						\$ 32,000							
Peterbilt 12-yard dump truck (420-076)						\$ 224,400							
Unidentified Vehicles & Equipment						\$ 400,000		\$ 800,000		\$ 800,000			
Total Supporting Services Equipment Requirements		\$ 1,216,000		\$ 1,247,600		\$ 961,900		\$ 861,900		\$ 964,100			
\$ 2,268,317		\$ 2,069,17		\$ 2,218,317		\$ 1,739,217		\$ 1,721,217		\$ 1,444,317			
Total Departmental Equipment		\$ 2,577,718		\$ 2,401,000		\$ 2,164,317		\$ 2,120,717		\$ 2,120,717			



**Rock River Water Reclamation District
Strategic Financial Planning Model
Capital Improvement Program**

Carry Over	Proj. No.	PROJECT	Replacement Projects									Project Spend Down - Cost Estimate Year Dollars	
			Historical Actuals		Projected Actual		Budgeted 2019		2020		2021		
			2019	Budgeted 2019	2020	2021	2022	2023	2024	2025	2026	2027	
	1850	Plant Concrete Repair	\$ 14,400										
\$ 1,350,000	1950	Plant Concrete Repair	\$ 50,000	\$ 1,400,000									
	2050	Plant Concrete Repair	\$ 700,000	\$ 950,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	1951	Other Unidentified Projects	\$ 50,000	\$ 250,000									
	2051	Other Unidentified Projects	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
		Digester Mixing System											\$ 5,000,000
	1575	Airport Lateral Sewer Mod. Project E											
\$ 55,000	1825	Chlorination Repairs and Tank Replacement	\$ 25,000	\$ 80,000	\$ 75,000	\$ 250,000							
	1566	Winnebago WWTP Abandon / Winn Corner PS Upgrade (SRLF)	\$ 905,000	\$ 790,000	\$ 750,000	\$ 200,000	\$ 60,000						
\$ 2,500,000	1420	Cherry Valley Lift Station Parallel Forcemain (SRLF)	\$ 300,000	\$ 2,830,000	\$ 8,300,000	\$ 300,000	\$ 1,000,000						
	1856	Sludge Storage Building Rehab	\$ 15,000	\$ 15,000	\$ 15,000								
	1660	Final Clarifiers, Rotors & Controls											
	1826	Lift Station Generator Replacement	\$ 25,600	\$ 350,000	\$ 250,000								
	1921	Roof Replacement	\$ 220,000	\$ 220,000	\$ 220,000								
	2021	Roof Replacement											
	1857	Grit Building HVAC Replacement	\$ 383,342	\$ 320,000									
	\$ 100,000	Parkson Screen Repairs	\$ 800,000	\$ 900,000	\$ 250,000								
\$ 150,000	1859	RAS Pump Replacement or Repair	\$ 200,000	\$ 350,000	\$ 2,150,000								
	1907	Compressor	\$ 40,000	\$ 40,000									
	1908	Piping Replace	\$ 25,000	\$ 25,000									
	1909	VFD Replace	\$ 47,000	\$ 47,000									
	1914	Dewatering Bldg Stairway	\$ 20,000	\$ 20,000									
	1911	Cherry Valley #2 Pump Replace	\$ 150,000	\$ 200,000	\$ 400,000								
\$ 50,000	2023	Substation 3-6											
	2024	Reconfigure Feed 1-4											
	2028	Primary Tanks Grating Replacement											
	2036	Pyramid Lift Station Pump Replacement											
		Replacement Group Total	\$ 3,270,342	\$ 7,837,000	\$ 17,320,000	\$ 2,670,000	\$ 1,505,000	\$ 970,000	\$ 970,000	\$ 970,000	\$ 970,000	\$ 970,000	\$ 970,000



Rock River Water Reclamation District
Strategic Financial Planning Model
Capital Improvement Program

Carryover Projects

Proj. No.	PROJECT	Project Spend Down - Cost Estimate Year Dollars									
		Budgeted 2019	Projected Actual 2019	2020	2021	2022	2023	2024	2025	2026	2027
CarryOver Projects											
1962	Queen Oaks Trunk w/ Pump Station	\$ 10,000	\$ 300,000	\$ 1,000,000							
1153	Fuller Creek Trunk Extension	\$ 550,000	\$ 1,200,000								
1501	McCurry Road Trunk Sewer (Rt 25 to McCurry Road)	\$ 100,000	\$ 500,000								
1603	McDonald Creek Trunk South Branch	\$ 250,000	\$ 250,000								
1950	Collection System Rehab	\$ 800,000	\$ 850,000	\$ 50,000							
1402	Spring Creek Trunk Replace - (SRLF)	\$ -	-	\$ 120,000							
1506	Harrison Ave. Reconstruction Sewer Repairs	\$ 150,000	\$ 200,000	\$ 50,000							
1903	Creek Crossing Protection Program	\$ 50,000	\$ 75,000	\$ 25,000							
1609	Grease Dumping Station	\$ 280,000	\$ 480,000	\$ 280,000	\$ 500,000						
1706	Railings for Clarifiers	\$ 550,000	\$ 650,000	\$ 100,000							
1825	Chlorination Repairs and Tank Replacement	\$ 25,000	\$ 80,000	\$ 55,000							
1420	Cherry Valley Lift Station Parallel Forcemain (SRLF)	\$ 50,000	\$ 1,400,000	\$ 700,000	\$ 950,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1950	Plant Concrete Repair	\$ 800,000	\$ 900,000	\$ 250,000							
1858	Parkson Screen Repairs	\$ 200,000	\$ 350,000	\$ 2,150,000							
1859	RAS Pump Replacement or Repair	\$ 25,000	\$ 80,000	\$ 75,000	\$ 250,000						
1825	Chlorination Repairs and Tank Replacement	\$ 300,000	\$ 2,830,000	\$ 8,300,000	\$ 300,000	\$ -	\$ -				
1707	Cherry Valley Lift Station Parallel Forcemain (SRLF)	\$ 150,000	\$ 200,000	\$ 400,000							
1708	Cherry Valley #2 Pump Replacement	\$ 4,250,000	\$ 4,250,000	\$ 1,250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	Total Carryover Projects	\$ 6,130,000	\$ 12,455,000								