

Rock River Water Reclamation District  
FY 2020/21 Budget Summary

## FY 2020/21 Budget Summary

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**MEMORANDUM**  
**ROCK RIVER WATER RECLAMATION DISTRICT**

**DATE:** January 27, 2020  
**TO:** Board of Trustees  
**FROM:** Chris Black, Finance Director  
**RE:** FY 2020/21 Budget Summary

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**Summary**

The proposed budget includes total revenues of \$49,017,237, an increase of \$649,995 (1.3%) to the FY 2020 budget. User fee revenues are \$39,743,339. This is \$1.3 million (3.3%) above the prior budget and \$2.1 million (5.6%) above the estimated FY 2020 actual. User fees rates are planned to increase approximately 3.7% for the average residential user and 6.0% overall.

The proposed spending plan totals \$64,561,038, a decrease of \$155,000 from the prior year. Operating and Maintenance expenses are budgeted at \$25,126,736. This is an increase of \$798,800 (3.3%) from the prior year. Capital improvement projects and equipment total \$30.9 million as compared to the FY 2020 budget of \$31.7 million. The FY 2021 plan includes one large loan funded project, Cherry Valley Lift Station Parallel Force Main. Debt service decreases about \$136,600 (1.6%) to \$8.56 million for FY 2021.

**Revenue**

Budgeted revenues total \$49.02 million, an increase of \$0.65 million (1.34%) from the prior year's budget. User fee revenues grow by \$2.1 million from the projected FY 2020 actual to \$37.7 million. The planned increase nominal rate increase is 6.0% with the weighted user fee increase being 5.53%. The effective residential user increase, which includes the customer service charge, is approximately 3.7% (estimated \$1.12 per month). The customer service charge is \$6.54 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 be \$4.7 million, unchanged from the prior year's budget. The District's 2019 property tax levy request was the same as the prior year. State Replacement Tax revenue increases \$200,000 to \$1.6 million based on state estimates.

**Expenditures**

The operations and maintenance expenditure budget is \$25,126,736 an increase of \$798,800 (3.3%) from the prior year. Salaries, which include a 2.75% increase for all employees, total \$10,796,596. This is a \$325,700 (3.1%) increase from the prior year's budget. The proposal includes no change in the number of full-time equivalent positions. In addition to the 117 full-time equivalent positions, the District has three full-time contract employees in Information

Technology. The staffing request also increases due to salary step and pay adjustments for two positions.

Fringe benefits decrease \$36,500 (0.1%) from the prior year to \$4,506,100. Health and dental insurance expenses are expected to decrease \$104,700 (6.4%). Health insurance premiums from our provider decrease 4.7% and dental premiums increase 5% from the prior year (The policy renewal date is January 1). The District's IMRF contribution in FY 2020 increased from 8.56% to 11.18% of eligible wages. The rate change combined with growth in salaries results in an expected increase in IMRF expense of \$235,100 (25%).

The budgeted amounts for other expense areas also change in the upcoming fiscal year. The supply accounts group increases \$241,400 (6.7%) to \$3,867,050. Departmental supplies for plant operations increase \$144,500 for various items for lift stations, pump maintenance, and aeration facilities. Sewer maintenance supplies increase \$229,000 based on actual expenditures. Budgeted expenses decrease for fuel (\$25,000) and polymer (\$140,000).

The contractual accounts group budget is \$6,989,599, an increase of \$344,300 or 5.18% from the prior year's budget. Significant changes in the contractual accounts group include the following:

- continuation of the rebranding project and related website redesign totaling \$100,000;
- solid waste disposal of biosolids increases \$173,000 to \$420,000 based an expected increase in volume;
- a generator maintenance project for plant operations totaling \$320,000; and
- software maintenance and hosting expenses are expected to increase \$174,000, primarily for our laboratory management, inventory, fuel and asset management software packages.

The budget for real estate taxes increases \$5,700 from the prior year. The miscellaneous account group, which consists of the transfers and expense reclassifications, decreases \$72,800.

#### **Cash Reserve Balances**

The projected cash reserve balances at April 30, 2020 is \$19.5 million. This amount consists of approximately \$7.0 million of operating reserve balance, \$4.3 million reserved for debt service, and \$8.2 million for capital projects.

Per our financial policies, operating reserves are targeted at 25% of departmental operating expenses equipment 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 (\$28.2 million) and equipment (\$2.7 million) is \$30.9 million. Funding sources for the capital projects consists of cash funding

(\$18.2 million) and state revolving loan funds (\$10 million). The District's strong cash balances permit limited reliance on loans for the upcoming fiscal year.

The District's ten-year plan includes updated project estimates three nutrient management projects. Primary Filtration is programmed for FY 2021-24 totaling \$34.3 million. Nutrient Removal is programmed from FY 2021-30 for \$111 million. Finally, Biosolids Expansion is programmed from FY 2027-30 for \$32.2 million.

Other major projects for the FY 2021 plan include:

	<u>2021</u>	<u>2022</u>	<u>2023</u>
W. State St. Sewer Replace-Phase 2	\$1,200,000	\$100,000	-
Sewer System Lining Program	3,000,000	1,600,000	-
Dewatering Building Repairs	1,000,000	-	-
Cherry Valley Lift Station Force main	8,300,000	300,000	-
Remodel of Former Administration Bldg	2,500,000	-	-
New Maintenance Facility Construction	-	\$6,000,000	\$4,000,000

#### **Debt Service**

The budget for debt service payments totals \$8.56 million. Debt service on bonds totals \$4.25 million and for loans the total \$4.31 million. Without a new bond issue, debt service will decline \$1.4 million in 2024 with the retirement of our 2013 bonds. Loan debt service will increase over the next ten years with the continued use of state revolving loan funds for major capital projects.



**Rock River Water Reclamation District  
FY 2020/21 Proposed Budget  
Revenue Detail**

	2018 Actual	2019 Actual	2020 Budget	2020 Projected	2021 Budget	'20-'21 Budget Change
<b>O &amp; M Revenue</b>						
State of IL Replacement Tax	\$ 1,688,093	\$ 1,526,641	\$ 1,400,000	\$ 1,750,000	\$ 1,600,000	\$ 200,000
Flow Charge	16,361,384	17,410,821	17,698,753	17,600,000	17,698,753	-
BOD Charge	3,751,660	3,910,830	4,486,985	4,300,000	4,063,974	(423,011)
TSS Charge	10,764,684	11,653,252	13,899,349	13,400,000	15,659,127	1,759,778
Ammonia Charge	414,184	526,836	573,814	450,000	445,457	(128,357)
O & M Charges - Inc Pollutant	224,615	284,790	177,600	220,000	200,000	22,400
O & M Charges - WV Monitoring	200,845	44,914	180,000	140,000	140,000	(40,000)
O & M Charges - Organics	29,735	27,936	27,000	26,000	27,000	-
Customer Charge	1,785,174	1,889,041	1,810,051	1,900,000	1,876,028	65,977
Pilot Charge	220,966	228,483	115,000	105,000	105,000	(10,000)
Well Meter Charge	10,774	11,497	-	11,000	11,000	11,000
Penalty Charges	466,143	553,296	465,000	550,000	525,000	60,000
Lien Charges	59,650	65,369	75,000	54,000	55,000	(20,000)
Other Charges / Adjustments	(166,296)	(188,176)	(160,000)	(230,000)	(200,000)	(40,000)
Other Past Due Charges	58,068	159,339	85,000	155,000	85,000	-
Interest Income	174,423	521,251	200,000	660,000	500,000	300,000
Permit and Inspection Fees	168,702	168,726	180,000	115,000	125,000	(55,000)
License & WV Tr Permit Fees	88,845	112,420	84,571	110,000	84,571	-
Drawing Review & Doc Recording	3,009	2,095	2,400	2,400	2,400	-
Plans & Specs Fees	4,100	4,550	3,000	3,000	3,000	-
Rental Income	155,210	154,088	152,000	152,000	152,000	-
Misc. Other Income	548,999	321,039	262,179	240,000	94,295	(167,884)
<b>Total</b>	<b>37,012,967</b>	<b>39,389,038</b>	<b>41,717,703</b>	<b>41,713,400</b>	<b>43,252,605</b>	<b>1,534,903</b>
<b>Capital Revenue</b>						
Corporate Tax Levy	3,699,040	3,790,504	3,860,400	3,780,000	3,862,160	1,760
Chlorination Tax Levy	808,195	826,882	840,540	824,600	843,080	2,540
Special Service Area Tax Levy	6,162	14,965	6,100	6,000	6,100	-
Connect Chg - Plant	867,273	746,942	400,000	574,990	500,000	100,000
Connect Chg - Basin Fee	413,830	277,219	248,000	204,620	230,000	(18,000)
Payback Charges	15,116	13,721	14,500	14,500	14,500	-
Cost Participation	83,385	571,530	180,000	122,858	308,792	128,792
Developer Contribution	161,535	2,604,000	1,100,000	1,300,000	-	(1,100,000)
<b>Total</b>	<b>6,054,536</b>	<b>8,845,763</b>	<b>6,649,540</b>	<b>6,827,568</b>	<b>5,764,632</b>	<b>(884,908)</b>
<b>Total Revenue</b>	<b>\$ 43,067,503</b>	<b>\$ 48,234,801</b>	<b>\$ 48,367,243</b>	<b>\$ 48,540,968</b>	<b>\$ 49,017,237</b>	<b>\$ 649,995</b>



**Rock River Water Reclamation District**  
**FY 2020/21 Proposed Budget**  
**Operations & Maintenance**

	2018 Actual	2019 Actual	2020 Budget	2020 Projected	2021 Budget	'20-'21 Budget Change
<b>Contractuals Continued</b>						
Solid Waste Disposal	375,275	207,014	259,000	259,000	426,000	167,000
Leases	38,159	32,819	26,500	26,500	36,900	10,400
Equipment Rental		-	25,500	25,500	63,500	38,000
Maintenance Contracts	647,288	750,163	752,700	752,700	940,500	187,800
Business Insurance	263,591	273,392	287,500	287,500	299,500	12,000
Claims		-	35,000	35,000	25,000	(10,000)
Gas & Heating Oil	182,013	223,820	139,250	139,250	109,142	(30,108)
Electricity	345,213	608,183	611,500	611,500	544,300	(67,200)
Electrical Distribution Maint.	13,775	48,151	48,000	48,000	48,000	-
Generator Maintenance Expenses	173,896	137,414	196,050	196,050	516,300	320,250
Telephone	192,447	197,160	228,400	228,400	220,240	(8,160)
Other Utilities	10,188	11,874	18,500	18,500	19,500	1,000
Training/Professional Dev.	69,620	94,049	65,649	65,649	143,549	77,900
Travel/Lodging		863	40,825	40,825	92,034	51,209
Education Reimbursement		-	14,200	14,200	30,500	16,300
Dues and Memberships	103,988	73,738	109,680	109,680	100,323	(9,357)
Employee Recognition		-	20,000	20,000	21,500	1,500
Employee Hiring/Recruitment		-	16,000	16,000	14,200	(1,800)
Health & Wellness		-	32,600	32,600	35,100	2,500
Food		428	12,525	12,525	15,625	3,100
Bank Charges	135,324	165,700	150,000	150,000	175,000	25,000
Miscellaneous	106,072	169,988	59,700	59,700	48,700	(11,000)
Sewer Call Expense	17,825	12,715	35,000	35,000	25,000	(10,000)
<b>Contractuals Total</b>	<b>4,111,077</b>	<b>4,456,133</b>	<b>6,645,335</b>	<b>6,645,335</b>	<b>6,989,599</b>	<b>344,264</b>
<b>Repairs &amp; Maintenance</b>						
Repairs and Maintenance	2,629,775	2,049,311	5,000	5,000	-	(5,000)
<b>Repairs &amp; Maintenance Total</b>	<b>2,629,775</b>	<b>2,049,311</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>	<b>(5,000)</b>
<b>Real Estate Taxes</b>						
Ag Land - Real Estate Taxes	28,595	31,843	30,850	30,850	36,500	5,650
Ag Land - Management Fees	15,461	14,860	15,280	15,280	15,280	-
Repairs and Maintenance	-	-	6,000	6,000	2,000	(4,000)
<b>Real Estate Taxes Total</b>	<b>44,056</b>	<b>46,703</b>	<b>52,130</b>	<b>52,130</b>	<b>53,780</b>	<b>1,650</b>
<b>Miscellaneous Total</b>						
Transfer to Capital Projects	(884,432)	(839,315)	(680,000)	(680,000)	(748,000)	(68,000)
GASB #51 Reclassification	(342,731)	(350,485)	(293,417)	(293,417)	(293,417)	-
Transfer to Special Assessmen	(24,675)	(57,340)	(40,225)	(40,225)	(45,000)	(4,775)
<b>Miscellaneous Total</b>	<b>(1,251,838)</b>	<b>(1,247,140)</b>	<b>(1,013,642)</b>	<b>(1,013,642)</b>	<b>(1,086,417)</b>	<b>(72,775)</b>
<b>Grand Total</b>	<b>\$ 20,874,391</b>	<b>\$ 21,685,054</b>	<b>\$ 24,327,928</b>	<b>\$ 23,685,675</b>	<b>\$ 25,126,736</b>	<b>\$ 798,808</b>



**Rock River Water Reclamation District**  
**FY 2020/21 Proposed Budget**  
**Personnel Summary**

	2018 Budget	2019 Budget	2020 Budget	2021 Budget	'20-'21 Budget Change
<b><u>Administration (20)</u></b>					
Executive Director	1.00	1.00	1.00	1.00	-
Director of Finance	1.00	1.00	1.00	-	(1.00)
Code Compliance Officer		1.00	-	-	-
Director of Human Resources			1.00	-	(1.00)
Human Resources Coordinator	1.00	1.00	1.00	-	(1.00)
Executive Services Coord.	1.00	0.50	0.50	0.50	-
Procurement/Word Processor	1.00	1.00	1.00	-	(1.00)
<b>Total</b>	<b>5.00</b>	<b>5.50</b>	<b>5.50</b>	<b>1.50</b>	<b>(4.00)</b>
<b><u>Billing, Collection &amp; Finance (22)</u></b>					
Director of Finance				1.00	1.00
Billing & Collection Manager	1.00	1.00	1.00	1.00	-
Financial Services Coord.	1.00	1.00	1.00	1.00	-
Financial Services Tech.	1.00	1.00	1.00	1.00	-
Accountant/HR Technician		1.00	1.00	1.00	-
Procurement/Word Processor				1.00	1.00
Billing & Collection Clerk	5.00	5.00	5.00	5.00	-
Administrative Clerk	1.00	1.00	1.00	1.00	-
Cash Receipts Clerk/Office Hlpr	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>10.00</b>	<b>11.00</b>	<b>11.00</b>	<b>13.00</b>	<b>2.00</b>
<b><u>Information Technology Services (23)</u></b>					
Chief Information Officer	1.00	1.00	1.00	1.00	-
Systems Administrator	1.00	1.00	1.00	1.00	-
Programmer/Analyst	3.00	3.00	3.00	3.00	-
Network Administrator	1.00	1.00	1.00	1.00	-
Systems Technician	2.00	1.00	-	-	-
Applications Tech.	1.00	1.00	-	-	-
<b>Total</b>	<b>9.00</b>	<b>8.00</b>	<b>6.00</b>	<b>6.00</b>	<b>-</b>
<b><u>Legal (24)</u></b>					
Legal Director	1.00	1.00	1.00	1.00	-
Legal Secretary	1.00	0.50	0.50	0.50	-
<b>Total</b>	<b>2.00</b>	<b>1.50</b>	<b>1.50</b>	<b>1.50</b>	<b>-</b>
<b><u>Human Resources (25)</u></b>					
Director of Human Resources				1.00	1.00
District Risk Manager				0.50	0.50
Human Resources Coordinator				1.00	1.00
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.50</b>	<b>2.50</b>
<b><u>Engineering (40)</u></b>					
Director of Engineering	1.00	1.00	1.00	1.00	-
Assistant Director of Engineering	1.00	1.00	1.00	1.00	-
Senior Civil Engineer-PM	3.00	4.00	4.00	3.00	(1.00)
Survey & Field Operations Manager				1.00	1.00
Land Survey/ROW Coordinator	1.00	1.00	1.00	-	(1.00)
Civil Engineer II - Plant Operations Manager				1.00	1.00



**Rock River Water Reclamation District**  
**FY 2020/21 Proposed Budget**  
**Personnel Summary**

	2018 Budget	2019 Budget	2020 Budget	2021 Budget	'20-'21 Budget Change
Chief Eng. Const Technician	1.00	1.00	1.00	-	(1.00)
Eng Technologist-Designer	2.00	2.00	2.00	2.00	-
Eng Technologist-Surveyor	1.00	1.00	1.00	1.00	-
Eng Construction Tech II	3.00	3.00	3.00	3.00	-
Surveyor Technician	1.00	1.00	-	1.00	1.00
Eng GIS Permit Clerk	1.00	1.00	1.00	1.00	-
Engineering Coordinator	1.00	1.00	1.00	-	(1.00)
Engineering Administrator				1.00	1.00
GIS Coordinator/Drafter	1.00	1.00	1.00	1.00	-
Engineering Secretary	1.00	1.00	1.00	-	(1.00)
<b>Total</b>	<b>18.00</b>	<b>19.00</b>	<b>18.00</b>	<b>17.00</b>	<b>(1.00)</b>
<b>Plant Operations Administration (50)</b>					
Director of Plant Operations	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>-</b>
<b>Laboratory (51)</b>					
District Laboratory Manager	1.00	1.00	1.00	1.00	-
Quality Assurance Analyst	1.00	1.00	1.00	1.00	-
Lab Technician III	1.00	1.00	1.00	1.00	-
Lab Technician I	1.00	1.00	1.00	1.00	-
Sample Technician/Courier	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>-</b>
<b>Pretreatment and Industrial (52)</b>					
IWS Division Manager	1.00	1.00	1.00	1.00	-
Pretreatment Prog Coordinator			1.00	1.00	-
Pretreatment Program Group Leader			1.00	1.00	-
IWP Compliance Tech	1.00	1.00	2.00	2.00	-
IWP Tech/Inspector	2.00	2.00	-	-	-
Pretreatment Program Tech	1.00	1.00	-	-	-
Plant Oper Tech. Clerk	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>6.00</b>	<b>6.00</b>	<b>6.00</b>	<b>6.00</b>	<b>-</b>
<b>Collection Systems (60)</b>					
Director of Collection Systems	1.00	1.00	1.00	1.00	-
Collection Systems Maint. Div. Manager	1.00	1.00	1.00	1.00	-
Collection Systems Const. Div. Manager			1.00	1.00	-
District Risk Manager				0.50	0.50
Supprt'ng Serv Grp. Ldr	1.00	1.00	-	-	-
GIS Coordinator-Cons. Clk		1.00	1.00	1.00	-
Supporting Serv. Coordinator	1.00	1.00	1.00	1.00	-
Locator Lead Person	1.00	1.00	1.00	1.00	-
Utility Tech Locator	1.00	1.00	1.00	1.00	-
Inventory Clerk	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>7.00</b>	<b>8.00</b>	<b>8.00</b>	<b>8.50</b>	<b>0.50</b>



**Rock River Water Reclamation District**  
**FY 2020/21 Proposed Budget**  
**Personnel Summary**

	2018 Budget	2019 Budget	2020 Budget	2021 Budget	'20-'21 Budget Change
<b><u>Buildings and Grounds (61)</u></b>					
Senior Bldg Repair Tech	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>-</b>
<b><u>Sewer Maintenance (70)</u></b>					
Sewer Const. Lead Person	3.00	3.00	3.00	3.00	-
Tech Eqpt Operator/TV Truck	2.00	2.00	2.00	2.00	-
Equipment Operator	3.00	3.00	3.00	3.00	-
Vactor/Flusher	5.00	5.00	5.00	5.00	-
Container/Garbage Tr Oper	1.00	1.00	1.00	1.00	-
Manhole Rehab Tech.	1.00	1.00	1.00	1.00	-
Utility Technician	10.00	9.00	9.00	9.00	-
Administrative Clerk	-	1.00	-	-	-
<b>Total</b>	<b>25.00</b>	<b>25.00</b>	<b>24.00</b>	<b>24.00</b>	<b>-</b>
<b><u>Vehicle Maintenance (75)</u></b>					
District Fleet Manager	1.00	1.00	1.00	1.00	-
Diesel Mechanic	2.00	2.00	2.00	2.00	-
Inventory Clerk	1.00	1.00	1.00	1.00	-
<b>Total</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>4.00</b>	<b>-</b>
<b><u>Plant Operations (80)</u></b>					
Assistant Director of Plant Operations			1.00	1.00	-
Process System Engineer	1.00	1.00	1.00	1.00	-
Plant Operations Division Manager	1.00	1.00	1.00	1.00	-
Operations Lead Person	1.00	-	-	-	-
Treatment Plant Operator	10.00	11.00	13.00	13.00	-
Administrative Clerk			1.00	1.00	-
<b>Total</b>	<b>13.00</b>	<b>13.00</b>	<b>17.00</b>	<b>17.00</b>	<b>-</b>
<b><u>Plant &amp; Lift Station Maintenance (90)</u></b>					
Plant Operations Maint. Div. Manager	1.00	1.00	1.00	1.00	-
Maintenance Electrician	4.00	4.00	3.00	3.00	-
Maintenance Mechanic	4.00	4.00	5.00	5.00	-
<b>Total</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>9.00</b>	<b>-</b>
<b>Grand Total</b>	<b>115.00</b>	<b>117.00</b>	<b>117.00</b>	<b>117.00</b>	<b>-</b>

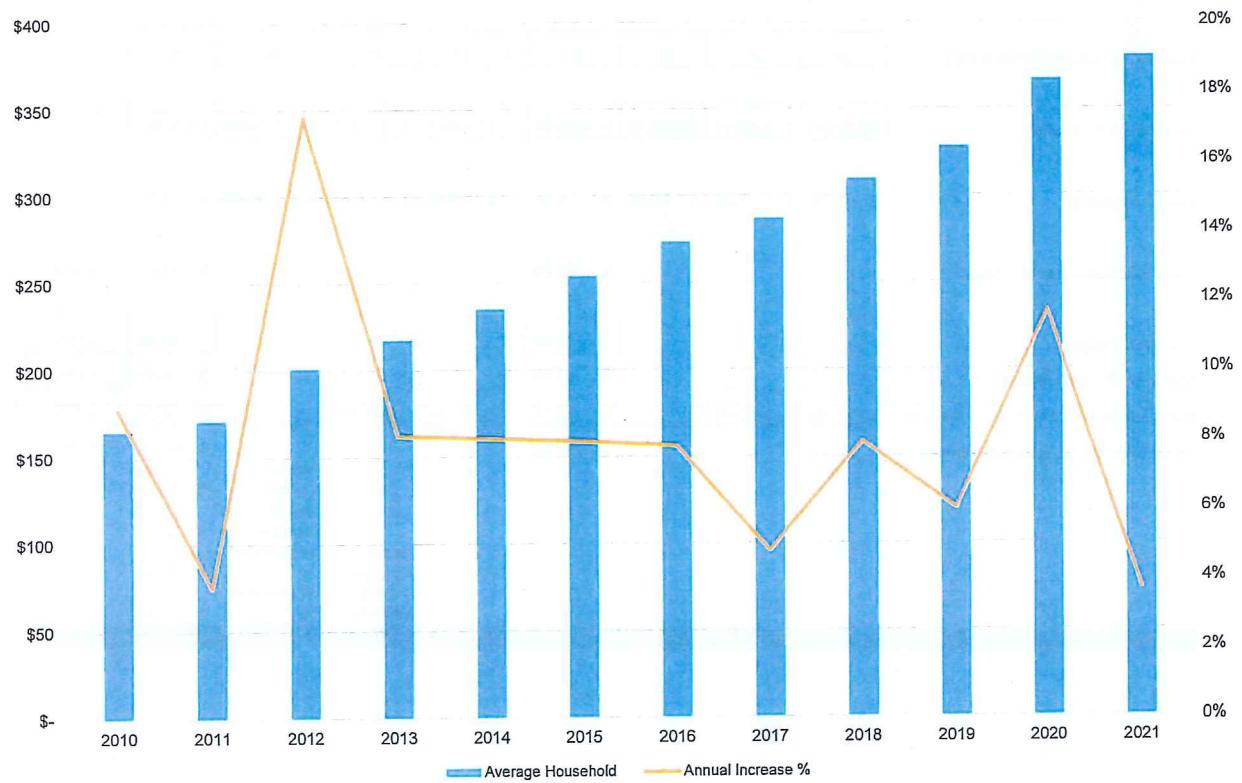


Rock River Water Reclamation District  
Strategic Financial Planning Model

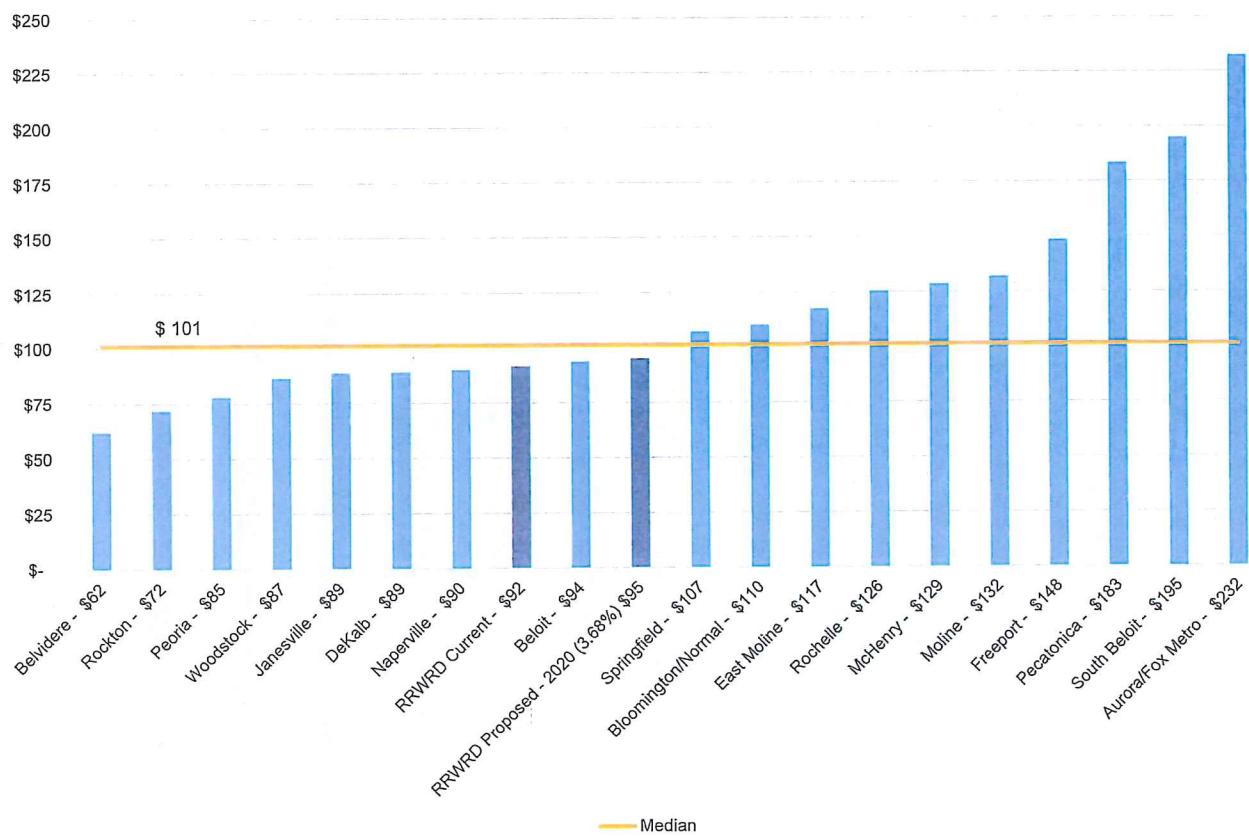
Current vs. Budget Year Rates - Bill Calculator  
Average Residential User

Current Rates				Budget Year Rates				Percent Change
FY 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	\$ 2,06874	\$ 0.27791	\$ 0.99772	\$ 0.73490	\$ 2,06874	\$ 0.25171	\$ 1.12404	\$ 0.57051
Constituent Billing	\$ 43.44	\$ 7.50	\$ 32.92	\$ 1.47	\$ 43.44	\$ 6.80	\$ 37.09	\$ 1.14
Total Wastewater Service Charges				\$ 85.33			\$ 88.47	3.68%
Customer Charge				\$ 6.31			\$ 6.54	3.65%
Estimated Quarterly Amount				\$ 91.64			\$ 95.01	3.68%
Estimated Property Tax: Value, Levy Rate	\$ 100,000	\$ 0.2042		\$ 68.07	\$ 100,000	\$ 0.1984	\$ 65.47	-3.82%
Total Estimated Annual User Charges				\$ 434.63			\$ 445.51	2.50%
							Annual Variance	\$ 13.48
							Monthly Variance	\$ 1.12
							Annual Variance with property tax	\$ 10.88
							Monthly Variance with property tax	\$ 0.91

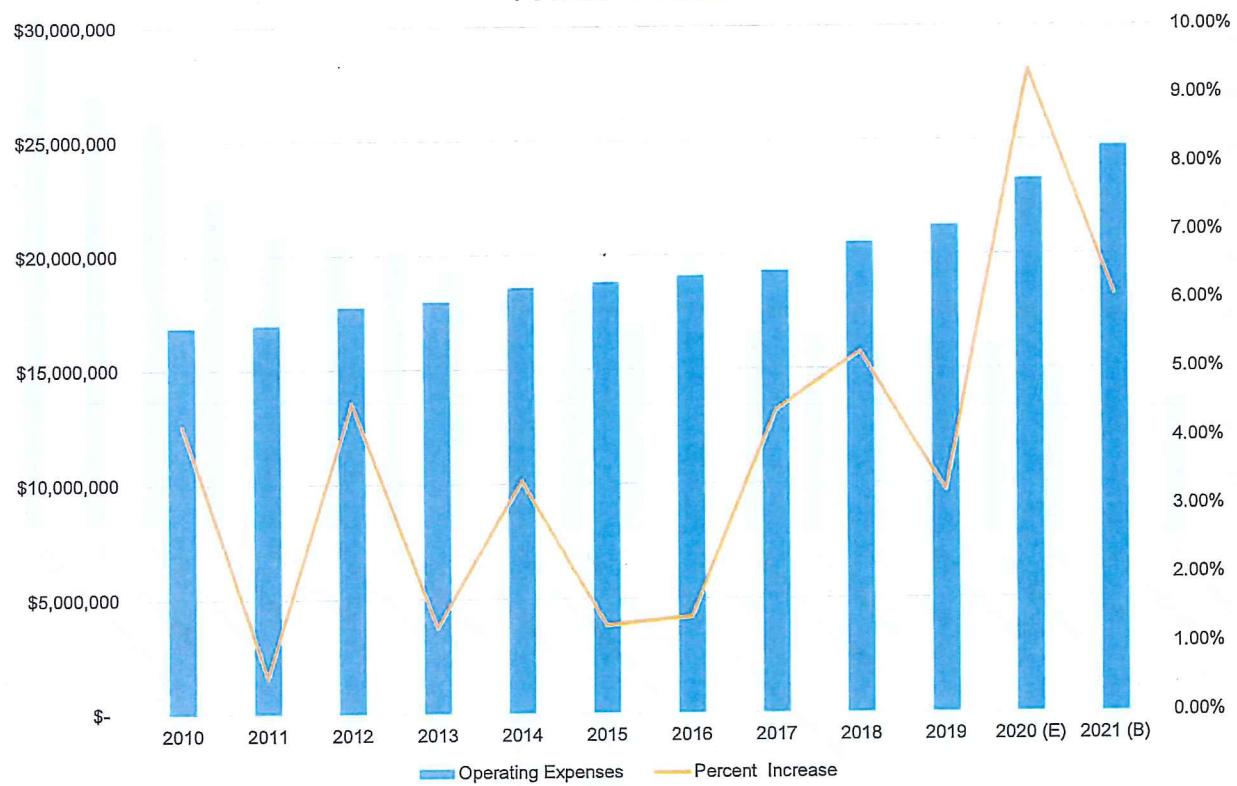
**Rock River Water Reclamation District  
Rate History & Average Household Bill  
FY 2010 - FY 2021**



**2020 Quarterly Bill Comparisons**  
Includes Fixed Costs @ 21 CCF



**Rock River Water Reclamation District**  
**Operating Expenses**  
**FY 2010 - FY 2021**



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

BUDGETED AUTHORIZED FULL-TIME EQUIVALENT EMPLOYEES

Last Ten Fiscal Years

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<b>Department</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Administration	23	23	23	23	24	24	24	24.5	22.5	23.0
Legal	-	-	-	-	-	-	2	1.5	1.5	1.5
Engineering	18	18	18	18	19	19	18	19	18	17
Plant Operations	28	28	28	28	28	28	29	29	33	33
Laboratory	5	5	5	5	5	5	5	5	5	5
Collection Systems	37	37	37	37	37	37	37	38	37	37.5
Total	111	111	111	111	113	113	115	117	117	117

Data Source

District Records

FY 2021 <b>Capital Improvement Program - Expenditures</b> Escalated Cost Estimates (Thousands of Dollars)										
PROJECTED CIP - FUTURE EXPENDITURES	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
New Sewer Extensions	\$1,715,000	\$1,766,399	\$1,600,845	\$298,260	\$336,189	\$1,480,624	\$1,309,816	\$2,837,565	\$1,878,873	\$927,304
Collection System Rehabilitation	\$9,090,000	\$6,179,745	\$8,250,089	\$10,714,844	\$7,167,498	\$5,838,917	\$6,702,813	\$5,953,820	\$5,349,571	\$5,510,057
Treatment Plant, Building & Improvements	\$8,135,000	\$25,450,991	\$41,042,826	\$25,841,683	\$15,267,640	\$11,785,296	\$16,381,920	\$36,128,284	\$43,735,998	\$22,201,499
Replacement Projects	\$12,355,000	\$2,869,735	\$841,400	\$866,542	\$6,689,011	\$919,421	\$947,002	\$975,413	\$1,004,675	\$1,034,816
<b>TOTAL PROJECTED CIP</b>	<b>\$31,295,000</b>	<b>\$36,266,870</b>	<b>\$51,735,160</b>	<b>\$37,721,429</b>	<b>\$29,480,338</b>	<b>\$20,024,258</b>	<b>\$25,341,551</b>	<b>\$45,895,082</b>	<b>\$51,969,117</b>	<b>\$29,673,676</b>
Departmental Equipment	\$2,708,567	\$2,219,743	\$1,837,110	\$1,819,065	\$3,226,628	\$2,278,751	\$1,776,327	\$2,686,463	\$2,767,055	\$2,850,065
90% CIP	28,165,500	32,640,183	46,561,644	33,949,286	26,532,304	18,021,832	22,807,395	41,305,574	46,772,205	26,706,308
90% CIP plus Equipment	\$30,874,067	\$34,859,926	\$48,398,754	\$35,768,351	\$29,758,932	\$20,300,583	\$24,583,723	\$43,992,037	\$49,539,260	\$29,556,373

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

**New Sewer Extensions**

Proj. No.	PROJECT	Project Spend Down - Co				
		1 2021	2 2022	3 2023	4 2024	5 2025
2030	Projects - Miscellaneous Engineering	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
2130	Projects - Miscellaneous Engineering					
1962	Queen Oaks Trunk w/ Pump Station					
1931	Other Trunk Participation and Misc. Projects					
2031	Other Trunk Participation and Misc. Projects					
2131	Other Trunk Participation and Misc. Projects					
1153	Fuller Crk Trunk Ext. - (SRLF L17-5214)	\$ 50,000	\$ 500,000	\$ 1,200,000		
	Rockford SE Trunk - North					
	Kent Creek Trunk Sewer Phase IIA & IIB					
1927	Unsewered Area Program					
2027	Unsewered Area Program					
2127	Unsewered Area Program	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
1501	McCurry Road Trunk Sewer (Rt 251 to McCurry Road)	\$ 100,000	\$ 500,000			
1601	Airport Sewer Extension-Project D					
1602	Oak Crest Offsite Trunk Sewer					
1603	McDonald Creek Trunk South Branch	\$ 250,000	\$ 250,000			
	Logistics Parkway	\$ 500,000	\$ 150,000			
1965	Rockford SE Trunk - SW (Gensler)	\$ 250,000				
		\$ 1,615,000	\$ 1,565,000	\$ 1,365,000	\$ 165,000	\$ 165,000
<b>Special Assessment Projects</b>						
1832	Special Assessment - Off Site					
1932	Special Assessment - Off Site					
2032	Special Assessment - Off Site					
2132	Special Assessment - Off Site	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000
<b>SSA SUBGROUP TOTALS:</b>		\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 125,000
<b>SEWER EXTENSION GROUP TOTAL</b>		\$ 1,715,000	\$ 1,665,000	\$ 1,465,000	\$ 265,000	\$ 290,000

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

**New Sewer Extensions**

Proj. No.	PROJECT	Year Estimate Dollars				
		6	7	8	9	10
		2026	2027	2028	2029	2030
2030	Projects - Miscellaneous Engineering					
2130	Projects - Miscellaneous Engineering	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
1962	Queen Oaks Trunk w/ Pump Station		\$ 25,000	\$ 750,000	\$ 750,000	
1931	Other Trunk Participation and Misc. Projects					
2031	Other Trunk Participation and Misc. Projects					
2131	Other Trunk Participation and Misc. Projects	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
1153	<b>Fuller Crk Trunk Ext. - (SRLF L17-5214)</b>					
	Rockford SE Trunk - North	\$ 350,000	\$ 350,000			
	Kent Creek Trunk Sewer Phase IIA & IIB	\$ 600,000	\$ 400,000	\$ 1,200,000	\$ 400,000	\$ 400,000
1927	Unsewered Area Program					
2027	Unsewered Area Program					
2127	Unsewered Area Program	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
1501	McCurry Road Trunk Sewer (Rt 251 to McCurry Road)					
1601	Airport Sewer Extension-Project D					
1602	Oak Crest Offsite Trunk Sewer					
1603	McDonald Creek Trunk South Branch					
	Logistics Parkway					
1965	Rockford SE Trunk - SW (Gensler)					
		<b>\$1,115,000</b>	<b>\$ 940,000</b>	<b>\$ 2,115,000</b>	<b>\$1,315,000</b>	<b>\$ 565,000</b>
	<b>Special Assessment Projects</b>					
1832	Special Assessment - Off Site					
1932	Special Assessment - Off Site					
2032	Special Assessment - Off Site					
2132	Special Assessment - Off Site	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
	<b>SSA SUBGROUP TOTALS:</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>
	<b>SEWER EXTENSION GROUP TOTAL</b>	<b>\$1,240,000</b>	<b>\$1,065,000</b>	<b>\$ 2,240,000</b>	<b>\$1,440,000</b>	<b>\$ 690,000</b>

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

Proj. No.	PROJECT	Project Spend Down - Cost Estimate Y					
		2021	2022	2023	2024	2025	2026
0718	22nd Ave Sewer Ext S. 7th St./S. 6th St.						
2107	Fac. Plan CIP (FPCIP) 150C-Eastrock	\$ 20,000	\$ 225,000				
2014	W. State St. Sewer Replace-Phase 2	\$ 1,200,000	\$ 100,000				
1833	Service Lateral Lining						
1933	Service Lateral Lining						
2033	Service Lateral Lining						
2133	Service Lateral Lining	\$ 650,000	\$ 650,000	\$ 650,000	\$ 700,000	\$ 700,000	\$ 700,000
2034	Collection System Rehab - (SRLF)		\$ 650,000	\$ -	\$ 650,000		\$ 650,000
2134	Collection System Rehab -						
1954	Collection System Rehab						
2054	Collection System Rehab						
2154	Collection System Rehab	\$ 900,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
2001	Service Repair/Cleaning (6 inch)	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
2101	Service Repair/Cleaning (6 inch)						
4435	Other Unidentified Collection System Rehab-(Hold-for-Horace-Ave.)						
2035	Other Unidentified Collectn Sys. Rehab						
2135	Other Unidentified Collectn Sys. Rehab	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	FPCIP 240-A (N. Second St. S. of 173)		\$ 25,000	\$ 1,200,000			
1402	Spring Creek Trunk Replace - (SRLF)			\$ 25,000	\$ 3,500,000		
	FPCIP #230B (Belden/Paradise)						
2108	FPCIP #150D (downstream of Cherry Valley PS)	\$ 10,000	\$ 300,000				
4045	Cameron Ave. (S. of Darweed)				\$ 20,000	\$ 620,000	
	FPCIP #140B Partial, Phase 2 - Ohio Pkwy & Eastgate Pkwy						
1214	North Main St. Sewer Rehab w/ Road Reconstruction	\$ 700,000					
4257	S. Main St. Sewer Rehab, Cedar-Ogilby						
4302	Village of Winn. Collection Rehab						
1505	Interstate Diversion Basin Flow Monitor & Smoke Test						
1506	Harrison Av Recnstrctn Sewer Repairs	\$ 250,000					
1577	Keith Crk Trnk Reroute-8th St./15th St.		\$ 75,000	\$ 2,000,000			
1903	Creek Crossing Protection Program						
2003	Creek Crossing Protection Program						
2103	Creek Crossing Protection Program	\$ 75,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	FPCIP 230A (W. Rockford - North) MH 087-151 to 087-068					\$ 30,000	\$ 190,000
4804	Breckview-Rd / Spring Creek-Sewer Rehab-(MH 104-003 to 104-008)						
4820	Renfro & Rock System Rehab						
2012	39th Street Sewer Reroute	\$ 75,000					
2013	Manhole Lining						
2113	Manhole Lining	\$ 200,000					
2017	E State St; IDOT 64L90 (Bell School-I-90)	\$ 50,000					
2019	IL251; IDOT 64D70 (Sandy Hollow-Blackhawk)	\$ 35,000					
2109	E State St; IDOT 64L14 (Mill-Buckley)	\$ 25,000	\$ 25,000				
	US 20 Bus (Meridian-Springfield) IDOT 64M07		\$ 25,000				
	IL 251 (Stateline-ForestHills) IDOT		\$ 75,000				
	Hard Rock Casino	\$ 550,000					
	Church Street	\$ 350,000	\$ 250,000				
2118	Sewer Pipe Infiltration Assessment	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	
		\$ 6,090,000	\$ 4,225,000	\$ 4,550,000	\$ 7,920,000	\$ 3,200,000	\$ 3,290,000
<b>SEWER System Lining</b>							
1837	Sewer System Lining Program - (SRLF)						
2037	Sewer System Lining Program (SRLF)						
2137	Sewer System Lining Program	\$ 3,000,000	\$ 1,600,000	\$ 3,000,000	\$ 1,600,000	\$ 3,000,000	\$ 1,600,000
	SEWER LINING SUBGROUP TOTALS:	\$3,000,000	\$1,600,000	\$3,000,000	\$1,600,000	\$3,000,000	\$1,600,000
	TOTAL	\$9,090,000	\$5,825,000	\$7,550,000	\$9,520,000	\$6,200,000	\$4,890,000

**Rock River Water Reclamation District**

**Strategic Financial Planning Model**

**Capital Improvement Program**

**Collection System Rehabilitation**

Proj. No.	PROJECT	Year Dollars			
		2027	2028	2029	2030
0718	22nd Ave Sewer Ext S, 7th St./S. 6th St.				
2107	Fac. Plan CIP (FPCIP) 150C-Eastrock				
2014	W. State St. Sewer Replace-Phase 2				
1833	Service Lateral Lining				
1933	Service Lateral Lining				
2033	Service Lateral Lining				
2133	Service Lateral Lining	\$ 700,000	\$ 700,000	\$ 750,000	\$ 750,000
2034	Collection System Rehab - (SRLF)				
2134	Collection System Rehab -		\$ 650,000		
1954	Collection System Rehab				
2054	Collection System Rehab				
2154	Collection System Rehab	\$ 800,000	\$ 800,000	\$ 800,000	\$ 800,000
2001	Service Repair/Cleaning (6 inch)				
2101	Service Repair/Cleaning (6 inch)	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
4435	Other Unidentified Collection System Rehab- (Hold for Horace Ave.)				
2035	Other Unidentified Collctn Sys. Rehab				
2135	Other Unidentified Collctn Sys. Rehab FPCIP 240-A (N. Second St. S. of 173)	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
1402	Spring Creek Trunk Replace - (SRLF)				
	FPCIP #230B (Belden/Paradise)				
2108	FPCIP #150D (downstream of Cherry Valley PS)				
4045	Cameron Ave. (S. of Darwood)				
	FPCIP #140B Partial, Phase 2 - Ohio Pkwy & Eastgate Pkwy				
1214	North Main St. Sewer Rehab w/ Road Reconstruction				
4257	S. Main St. Sewer Rehab, Cedar-Ogilby				
4302	Village of Winn. Collection Rehab				
1505	Interstate Diversion Basin Flow Monitor & Smoke Test				
1506	Harrison Av Reconstrctn Sewer Repairs				
1577	Keith Crk Trnk Reroute-8th St./15th St.				
1903	Creek Crossing Protection Program				
2003	Creek Crossing Protection Program				
2103	Creek Crossing Protection Program	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
	FPCIP 230A (W. Rockford - North) MH 087-151 to 087-068				
4804	Brookview Rd / Spring Creek Sewer Rehab- (MH 101-003 to 101-008)				
1820	Renrose & Rock System Rehab				
2012	39th Street Sewer Reroute				
2013	Manhole Lining				
2113	Manhole Lining				
2017	E State St; IDOT 64L90 (Bell School-I90)				
2019	IL251; IDOT 64D70 (SandyHollow-Blackhawk)				
2109	E State St; IDOT 64L14 (Mill-Buckley)				
	US 20 Bus (Meridian-Springfield) IDOT 64M07				
	IL 251 (Stateline-ForestHills) IDOT Hard Rock Casino				
	Church Street				
2118	Sewer Pipe Infiltration Assessment				
		\$2,450,000	\$3,100,000	\$2,500,000	\$2,500,000
<b>SEWER System Lining</b>					
1837	Sewer System Lining Program - (SRLF)				
2037	Sewer System Lining Program (SRLF)				
2137	Sewer System Lining Program	\$ 3,000,000	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000
	SEWER LINING SUBGROUP TOTALS:	\$3,000,000	\$1,600,000	\$1,600,000	\$1,600,000
	<b>TOTAL</b>	<b>\$5,450,000</b>	<b>\$4,700,000</b>	<b>\$4,100,000</b>	<b>\$4,100,000</b>

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

**Treatment Plant, Building & Improvements**

Proj. No.	PROJECT	2021	2022	2023	2024	2025
2052	Painting & Coating - Lift Stations and Treatment Plant	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 70,000
2152	Painting & Coating - Lift Stations and Treatment Plant	\$ 310,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2038	Property Purchases	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2138	Property Purchases	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
2039	Landscaping and Grounds Improvements	\$ 800,000				
2139	Landscaping and Grounds Improvements	\$ 35,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000
2029	Other Unidentified Projects	\$ 500,000	\$ 1,500,000	\$ 17,000,000	\$ 18,000,000	\$ 12,000,000
2129	Other Unidentified Projects					
2002	HVAC Replacement					
2102	HVAC Replacement					
1763	FPCIP Nutrient Removal - (SRLF)					
	FPCIP Biosolids Expansion (SRLF)					
1840	Collection System & Headworks Security					
1403	Cogeneration - Heat Utilization					\$ 500,000
	Post Aeration					
1609	Grease dumping station	\$ -		\$ 500,000		
1610	Gravity Belt Thickener Expansion	\$ -	\$ 100,000	\$ 900,000		
1706	Railings for Clarifiers	\$ 75,000				
4756	Alt. 480 feed Blower Bldg. & Lab-					
1804	Clear Water Discharge-Admin Reroute	\$ 600,000	\$ 600,000			
2006	Plant Roadway Replacement					
2106	Plant Roadway Replacement	\$ 625,000	\$ 300,000	\$ 300,000		
1904	New Maintenance/Admin Facility (Design)	\$ 100,000	\$ 30,000			
1905	Lab Improvements					
2004	Remodel of Former Administration Bldg	\$ 2,500,000	\$ -	\$ -		
2022	Primary Filtration (SRLF)	\$ 750,000	\$ 15,000,000	\$ 14,200,000	\$ 4,300,000	
2062	Household Hazardous Waste Site Renovation	\$ 80,000				
2070	Workshop Improvements					
2155	Dewatering Building Parapet/Brick Repair	\$ 1,000,000				
2156	Front Gate Replacement	\$ 50,000				
2157	Clow Building, Bulk Bisulfite Feed System	\$ 460,000				
2158	Lab Parking Lot	\$ 65,000				
2159	Building #8 Stockroom Upgrade	\$ 75,000				
	New Maintenance Facility Construction		\$ 6,000,000	\$ 4,000,000		
		\$ 8,135,000	\$ 23,990,000	\$ 37,560,000	\$ 22,960,000	\$ 13,170,000

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

**Treatment Plant, Building & Improvem**

Proj. No.	PROJECT					
		2026	2027	2028	2029	2030
2052	Painting & Coating - Lift Stations and Treatment Plant					
2152	Painting & Coating - Lift Stations and Treatment Plant	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
2038	Property Purchases					
2138	Property Purchases	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2039	Landscaping and Grounds Improvements					
2139	Landscaping and Grounds Improvements	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
2029	Other Unidentified Projects					
2129	Other Unidentified Projects	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
2002	HVAC Replacement					
2102	HVAC Replacement					
1763	FPCIP Nutrient Removal - (SRLF)	\$ 8,000,000	\$ 1,000,000	\$ 20,000,000	\$ 25,000,000	\$ 8,000,000
	FPCIP Biosolids Expansion (SRLF)		\$ 7,450,000	\$ 8,250,000	\$ 8,250,000	\$ 8,250,000
1840	Collection System & Headworks Security					
1403	Cogeneration - Heat Utilization	\$ 1,500,000	\$ 3,000,000			
	Post Aeration	\$ 100,000	\$ 1,600,000			
1609	Grease dumping station					
1610	Gravity Belt Thickener Expansion					
1706	Railings for Clarifiers					
4756	-Alt-480-feed-Blower-Bldg-& Lab-					
1804	Clear Water Discharge-Admin Reroute					
2006	Plant Roadway Replacement					
2106	Plant Roadway Replacement					
1904	New Maintenance/Admin Facility (Design)					
1905	Lab Improvements					
2004	Remodel of Former Administration Bldg					
2022	Primary Filtration (SRLF)					
2062	Household Hazardous Waste Site Renovation					
2070	Workshop Improvements					
2155	Dewatering Building Parapet/Brick Repair					
2156	Front Gate Replacement					
2157	Clow Building, Bulk Bisulfite Feed System					
2158	Lab Parking Lot					
2159	Building #8 Stockroom Upgrade					
	New Maintenance Facility Construction					
		\$ 9,870,000	\$ 13,320,000	\$ 28,520,000	\$ 33,520,000	\$ 16,520,000

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

**Departmental Equipment**

Proj. No.	PROJECT	2021	2022	2023	2024	2025
<b>Engineering Equipment Requirements</b>						
1841	Mapping, Digitizing,& GPS Equipment	\$ 30,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
1941	Mapping, Digitizing,& GPS Equipment					
2041	Mapping, Digitizing,& GPS Equipment					
2141	Mapping, Digitizing,& GPS Equipment					
1842	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
1942	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2042	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2142	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 20,000	\$ 10,000	\$ 30,000	\$ 10,000	\$ 10,000
1510	Permanent Collection System Flow Metering	\$ 100,000	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000
2163	Collection System Flow Metering	\$ 20,000				
2166	Air Monitoring Safety Equip & Station					
2071	Survey & Insp Utility Vehicle and Trailer	\$ 170,000	\$ 90,000	\$ 80,000	\$ 60,000	\$ 60,000
<i>Total Engineering Equipment Requirements</i>						
<b>ITS Equipment Requirements</b>						
NA	GASB 51 (Internally developed software)	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317
2043	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 25,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
2143	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 60,000	\$ 65,000	\$ 65,000	\$ 250,000	\$ 250,000
2046	Other Unidentified Equip /Hardware /Software	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ -
2146	Other Unidentified Equip /Hardware /Software	\$ 35,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
1847	On Plant Process UPS Replacements	\$ 25,000				\$ 20,000
2048	Disk Storage & Data Backup Solutions					
2148	Disk Storage & Data Backup Solutions	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
2167	RPS Replacement					
	Scale Terminal/Controller					
2072	Servers/GPUs					
2015	PC Ugrades(s)					
2115	PC Ugrades(s)					
2011	Laboratory Information Management System					
1707	Plant wide WiFi					
1708	Infor Inventory Bar Code Equipment					
1805	Infor Map Drawer Integration					
1806	New Accounting System (Replace Fundware)					
NA	IBM z13s	\$ -	\$ -	\$ -	\$ -	\$ -
1808	IBM CBU	\$ -	\$ -	\$ -		
1809	TV Truck Hardware/Software					
2010	Laptop/Tablet Replacements & Additions					
2110	Laptop/Tablet Replacements & Additions	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 10,000
1811	New Core Switches					
2073	New Phone System	\$ 25,000				
2074	New Edge Switches	\$ 45,000				
2174	New Edge Switches (Out Buildings)	\$ 35,000				
2075	Network Security Hardware/Software					
2076	Replace Data Center UPS	\$ 65,000				
2077	Wifi Phase 3					
2177	Wifi Phase 4					
1916	Assetworks	\$ 165,000				
2064	Enterprise Asset Management Software	\$ 14,000				
2168	JULIE Ticket Software	\$ 10,500				
2169	Web Meeting - Maint, HR, Lab, Ops					

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

**Departmental Equipment**

Proj. No.	PROJECT	2026	2027	2028	2029	2030
<b>Engineering Equipment Requirements</b>						
1841	Mapping, Digitizing,& GPS Equipment					
1941	Mapping, Digitizing,& GPS Equipment					
2041	Mapping, Digitizing,& GPS Equipment					
2141	Mapping, Digitizing,& GPS Equipment	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
1842	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
1942	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2042	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2142	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 10,000	\$ 10,000	\$ 30,000	\$ 30,000	\$ 30,000
1510	Permanent Collection System Flow Metering					
2163	Collection System Flow Metering					
2166	Air Monitoring Safety Equip & Station					
2071	Survey & Insp Utility Vehicle and Trailer					
<i>Total Engineering Equipment Requirements</i>		\$ 30,000	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>ITS Equipment Requirements</b>						
NA	GASB 51 (Internally developed software)	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317
2043	Security Upgrade(s) (Access, Alarms, & Cameras)					
2143	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
2046	Other Unidentified Equip /Hardware /Software					
2146	Other Unidentified Equip /Hardware /Software	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1847	On Plant Process UPS Replacements	\$ -	\$ -			
2048	Disk Storage & Data Backup Solutions	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
2148	Disk Storage & Data Backup Solutions					
2167	RPS Replacement					
	Scale Terminal/Controller					
2072	Servers/GPUs					
2015	PC Ugrades(s)					
2115	PC Ugrades(s)	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
2011	Laboratory Information Management System					
1707	Plant wide WiFi					
1708	Infor Inventory Bar Code Equipment					
1805	Infor Map Drawer Integration					
1806	New Accounting System (Replace Fundware)					
NA	IBM z13s					
1800	IBM CBU					
1809	TV Truck Hardware/Software					
2010	Laptop/Tablet Replacements & Additions					
2110	Laptop/Tablet Replacements & Additions	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
1811	New Core Switches					
2073	New Phone System					
2074	New Edge Switches					
2174	New Edge Switches (Out Buildings)					
2075	Network Security Hardware/Software					
2076	Replace Data Center UPS					
2077	Wifi Phase 3					
2177	Wifi Phase 4					
1916	Assetworks					
2064	Enterprise Asset Management Software					
2168	JULIE Ticket Software					
2169	Web Meeting - Maint, HR, Lab, Ops					

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

## **Departmental Equipment**

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

Proj. No.	PROJECT	2026	2027	2028	2029	2030
1979	Video Meeting					
1972	Alarm and Access Control					
	<i>Total ITS Equipment Requirements</i>	\$ 614,317	\$ 614,317	\$ 614,317	\$ 614,317	\$ 614,317
Plant Operations Equipment Requirements						
2053	Other Unidentified Equipment					
2153	Other Unidentified Equipment	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1704	Laboratory Instrument Replacement					
2005	Laboratory Instrument Replacement	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000
1361	Closed Transition - Main Power					
1980	Siloxane Skid Insulation					
1981	River Sampling Equipment					
2171	River Sampling Equipment					
2078	CNC Press Break Machine					
	<i>Total Plant Operations Equipment Requirements</i>	\$ 300,000	\$ 400,000	\$ 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 Tall 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	410G Backhoe (421-053A)					
1814	590 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)					
1982	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 (419-095)					
1988	Globe lowboy trailer (419-041)					
1989	Ford Escape (420-003)					
1996	Ford Escape					
2180	Wheel Loader (421-008)					
2181	160 Excavator (421-040)					
2182	Ford F150 4x4(420-060)					
2183	2020 Ford F-150 4x4 (420-002)					
2184	Bravo Star Enclosed Trailer (419-005)					

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

**Departmental Equipment**

Proj. No.	PROJECT					
		2021	2022	2023	2024	2025
2185	Bravo Star Enclosed Trailer (419-045)	\$ 11,000				
2186	2020 Ford Escape (420-013)	\$ 29,000				
2187	2020 Peterbilt Vactor Truck (420-035)	\$ 500,000				
2188	2020 Peterbilt Semi Tractor (420-040)	\$ 160,000				
2189	2020 Ford Escape (420-058)	\$ 29,000				
2190	2020 Ford Escape (420-063)	\$ 29,000				
2191	Excavator Forestry head	\$ 28,950				
2192	Skid Loader Rush Mower Attachment	\$ 7,000				
	Combination Jet/Vacuum truck (420-035)					
	Freightliner Tractor (420-040)					
	Ford F250 4x4 (420-015)				\$ 40,500	
	Ford Escape (420-058)					
	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			
	410K JD Backhoe (421-024)		\$ 125,000			
	410K JD Backhoe (421-022)		\$ 125,000			
	Skid Loader (421-011)		\$ 89,000			
	Dodge Grand Caravan (420-012)		\$ 26,000			
2193	Harben High Pressure Pump (419-089)	\$ 150,000				
	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			
	Combination Jet/Vacuum truck (420-043)			\$ 510,000		
	Ford F150 4x4 pickup (420-081)			\$ 35,000		
	Ford F150 4x4 pickup (420-038)			\$ 35,000		
	Ford F150 4x4 pickup (420-080)			\$ 48,500		
	Ford F150 Escape (420-009)			\$ 30,500		
	Ford F150 Explorer (420-007)			\$ 37,000		
	Husqvarna 7000D Concrete Saw (421-006)			\$ 39,900		
	Etnyre lowboy trailer (419-039)			\$ 77,000		
	Mac Dump Trailer (419-093)			\$ 43,000		
	Mac Dump Trailer (419-094)			\$ 43,000		
	Mac Dump Trailer (419-096)			\$ 43,000		
	Godwin Trash Pump (421-007)			\$ 24,500		
	Containar				\$ 133,700	
	Freightliner Manhole truck (420-016)				\$ 129,200	
	Ford Expedition (420-013)					
	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	

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

**Departmental Equipment**

Proj. No.	PROJECT	2021	2022	2023	2024	2025
<b>Engineering Equipment Requirements</b>						
1841	Mapping, Digitizing,& GPS Equipment	\$ 30,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
1941	Mapping, Digitizing,& GPS Equipment					
2041	Mapping, Digitizing,& GPS Equipment					
2141	Mapping, Digitizing,& GPS Equipment					
1842	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
1942	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2042	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2142	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 20,000	\$ 10,000	\$ 30,000	\$ 10,000	\$ 10,000
1510	Permanent Collection System Flow Metering					
2163	Collection System Flow Metering	\$ 100,000	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000
2166	Air Monitoring Safety Equip & Station	\$ 20,000				
2071	Survey & Insp Utility Vehicle and Trailer					
<i>Total Engineering Equipment Requirements</i>						
<b>ITS Equipment Requirements</b>						
NA	GASB 51 (Internally developed software)	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317
2043	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 25,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
2143	Security Upgrade(s) (Access, Alarms, & Cameras)					
2046	Other Unidentified Equip /Hardware /Software	\$ 60,000	\$ 65,000	\$ 65,000	\$ 250,000	\$ 250,000
2146	Other Unidentified Equip /Hardware /Software	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ -
1847	On Plant Process UPS Replacements					
2048	Disk Storage & Data Backup Solutions	\$ 35,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000
2148	Disk Storage & Data Backup Solutions	\$ 25,000				\$ 20,000
2167	RPS Replacement		\$ 20,000			
	Scale Terminal/Controller					
2072	Servers/GPUs					
2015	PC Ugrades(s)					
2115	PC Ugrades(s)	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
2011	Laboratory Information Management System					
1707	Plant wide WiFi					
1708	Infor Inventory Bar Code Equipment					
1805	Infor Map Drawer Integration					
1806	New Accounting System (Replace Fundware)					
NA	IBM z13s	\$ -	\$ -	\$ -	\$ -	\$ -
1808	IBM CBU	\$ -	\$ -	\$ -		
1809	TV Truck Hardware/Software					
2010	Laptop/Tablet Replacements & Additions					
2110	Laptop/Tablet Replacements & Additions	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 10,000
1811	New Core Switches					
2073	New Phone System	\$ 25,000				
2074	New Edge Switches					
2174	New Edge Switches (Out Buildings)	\$ 45,000				
2075	Network Security Hardware/Software	\$ 35,000				
2076	Replace Data Center UPS					
2077	Wifi Phase 3					
2177	Wifi Phase 4	\$ 65,000				
1916	Assetworks					
2064	Enterprise Asset Management Software	\$ 165,000				
2168	JULIE Ticket Software	\$ 14,000				
2169	Web Meeting - Maint, HR, Lab, Ops	\$ 10,500				

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

**Departmental Equipment**

Proj. No.	PROJECT	2026	2027	2028	2029	2030
<b>Engineering Equipment Requirements</b>						
1841	Mapping, Digitizing,& GPS Equipment					
1941	Mapping, Digitizing,& GPS Equipment					
2041	Mapping, Digitizing,& GPS Equipment					
2141	Mapping, Digitizing,& GPS Equipment	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
1842	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
1942	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2042	Sewer Hydraulic Modeling Software, Training, Model Upgrades					
2142	Sewer Hydraulic Modeling Software, Training, Model Upgrades	\$ 10,000	\$ 10,000	\$ 30,000	\$ 30,000	\$ 30,000
1510	Permanent Collection System Flow Metering					
2163	Collection System Flow Metering					
2166	Air Monitoring Safety Equip & Station					
2071	Survey & Insp Utility Vehicle and Trailer					
<i>Total Engineering Equipment Requirements</i>		\$ 30,000	\$ 30,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>ITS Equipment Requirements</b>						
NA	GASB 51 (Internally developed software)	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317	\$ 294,317
2043	Security Upgrade(s) (Access, Alarms, & Cameras)					
2143	Security Upgrade(s) (Access, Alarms, & Cameras)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
2046	Other Unidentified Equip /Hardware /Software					
2146	Other Unidentified Equip /Hardware /Software	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1847	On Plant Process UPS Replacements	\$ -	\$ -			
2048	Disk Storage & Data Backup Solutions					
2148	Disk Storage & Data Backup Solutions	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
2167	RPS Replacement					
	Scale Terminal/Controller					
2072	Servers/GPUs					
2015	PC Ugrades(s)					
2115	PC Ugrades(s)	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
2011	Laboratory Information Management System					
1707	Plant wide WiFi					
1708	Infor Inventory Bar Code Equipment					
1805	Infor Map Drawer Integration					
1806	New Accounting System (Replace Fundware)					
NA	IBM z13s					
1808	IBM CBU					
1809	TV Truck Hardware/Software					
2010	Laptop/Tablet Replacements & Additions					
2110	Laptop/Tablet Replacements & Additions	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
1811	New Core Switches					
2073	New Phone System					
2074	New Edge Switches					
2174	New Edge Switches (Out Buildings)					
2075	Network Security Hardware/Software					
2076	Replace Data Center UPS					
2077	Wifi Phase 3					
2177	Wifi Phase 4					
1916	Assetworks					
2064	Enterprise Asset Management Software					
2168	JULIE Ticket Software					
2169	Web Meeting - Maint, HR, Lab, Ops					

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

## **Departmental Equipment**

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

**Departmental Equipment**

Proj. No.	PROJECT	2026	2027	2028	2029	2030
1979	Video Meeting					
1972	Alarm and Access Control					
	<i>Total ITS Equipment Requirements</i>	\$ 614,317	\$ 614,317	\$ 614,317	\$ 614,317	\$ 614,317
<b>Plant Operations Equipment Requirements</b>						
2053	Other Unidentified Equipment					
2153	Other Unidentified Equipment	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1704	Laboratory Instrument Replacement					
2005	Laboratory Instrument Replacement	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000
1361	Closed Transition - Main Power					
1980	Siloxane Skid Insulation					
1981	River Sampling Equipment					
2171	River Sampling Equipment					
2078	<b>CNC Press Break Machine</b>					
	<i>Total Plant Operations Equipment Requirements</i>	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
<b>Supporting Services Equipment Requirements</b>						
1709	GMC Garbage Truck (420-088)					
1710	GMC Flusher (420-064)					
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	410G Backhoe (421-063A)					
1814	590 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)					
1982	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 (419-095)					
1988	Globe lowboy trailer (419-041)					
1989	Ford Escape (420-003)					
1996	Ford Escape					
2180	Wheel Loader (421-008)					
2181	160 Excavator (421-040)					
2182	Ford F150 4x4(420-060)					
2183	2020 Ford F-150 4x4 (420-002)					
2184	Bravo Star Enclosed Trailer (419-005)					

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

**Departmental Equipment**

Proj. No.	PROJECT	2021	2022	2023	2024	2025
2185	Bravo Star Enclosed Trailer (419-045)	\$ 11,000				
2186	2020 Ford Escape (420-013)	\$ 29,000				
2187	2020 Peterbilt Vactor Truck (420-035)	\$ 500,000				
2188	2020 Peterbilt Semi Tractor (420-040)	\$ 160,000				
2189	2020 Ford Escape (420-058)	\$ 29,000				
2190	2020 Ford Escape (420-063)	\$ 29,000				
2191	Excavator Forestry head	\$ 28,950				
2192	Skid Loader Rush Mower Attachment	\$ 7,000				
	Combination Jet/Vacuum truck (420-035)					
	Freightliner Tractor (420-040)					
	Ford F250 4x4 (420-015)				\$ 40,500	
	Ford Escape (420-058)					
	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			
	410K JD Backhoe (421-024)		\$ 125,000			
	410K JD Backhoe (421-022)		\$ 125,000			
	Skid Loader (421-011)		\$ 89,000			
	Dodge Grand Caravan (420-012)		\$ 26,000			
2193	Harben High Pressure Pump (419-089)	\$ 150,000				
	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			
	Combination Jet/Vacuum truck (420-043)			\$ 510,000		
	Ford F150 4x4 pickup (420-081)			\$ 35,000		
	Ford F150 4x4 pickup (420-038)			\$ 35,000		
	Ford F150 4x4 pickup (420-080)			\$ 48,500		
	Ford F150 Escape (420-009)			\$ 30,500		
	Ford F150 Explorer (420-007)			\$ 37,000		
	Husqvarna 7000D Concrete Saw (421-006)			\$ 39,900		
	Etnyre lowboy trailer (419-039)			\$ 77,000		
	Mac Dump Trailer (419-093)			\$ 43,000		
	Mac Dump Trailer (419-094)			\$ 43,000		
	Mac Dump Trailer (419-096)			\$ 43,000		
	Godwin Trash Pump (421-007)			\$ 24,500		
	Container				\$ 133,700	
	Freightliner Manhole truck (420-016)				\$ 129,200	
	Ford Expedition (420-013)					
	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	

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

**Replacement Projects**

Proj. No.	PROJECT	2021	2022	2023	2024	2025	2026
1950	Plant Concrete Repair						
2050	Plant Concrete Repair						
2150	Plant Concrete Repair	\$ 950,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1951	Other Unidentified Projects						
2051	Other Unidentified Projects						
2151	Other Unidentified Projects	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	Digester Mixing System					\$ 5,000,000	
1575	Airport Lateral Sewer Mod. Project E		\$ 475,000				
1825	Chlorination Repairs and Tank Replacement	\$ 250,000					
1566	Winnebago WWTP Abandon / Winn Corner PS Upgrade (SRLF)	\$ 350,000	\$ 60,000				
1420	Cherry Valley Lift Station Parallel Forcemain (SRLF)	\$ 8,300,000	\$ 300,000				
1856	Sludge Storage Building Rehab	\$ 35,000	\$ 1,000,000				
1660	Final Clarifiers, Rotorks & Controls	\$ 250,000					
1826	Lift Station Generator Replacement						
1921	Roof Replacement						
2021	Roof Replacement	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000
2121	Roof Replacement						
1857	Grit Building HVAC Replacement						
1858	Parkson Screen Repairs						
1859	RAS Pump Replacement or Repair	\$ 500,000					
1907	Compressor						
1908	Piping Replace						
1909	VFD Replace						
1914	Dewatering Bldg Stairway	\$ 100,000					
1911	Cherry Valley #2 Pump Replace	\$ 100,000					
2023	Substation 3-6						
2024	Reconfigure Feed 1-4						
2028	Primary Tanks Grating Replacement						
2036	Pryamid Lift Station Pump Replacement	\$ 250,000					
2116	Large Main Cleaning	\$ 250,000					
2120	Digester #1 Rehab	\$ 300,000					
2061	Plant Scale Replacment						
2125	Inventory Shelving	\$ 100,000	\$ 100,000				
2126	Fuel Island	\$ 100,000					
Replacement Group Total		\$ 12,355,000	\$ 2,705,000	\$ 770,000	\$ 770,000	\$ 5,770,000	\$ 770,000

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

Replacement Projects					
Proj. No.	PROJECT	2027	2028	2029	2030
1950	Plant Concrete Repair				
2060	Plant Concrete Repair				
2150	Plant Concrete Repair	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
1951	Other Unidentified Projects				
2051	Other Unidentified Projects				
2151	Other Unidentified Projects	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	Digester Mixing System				
1575	Airport Lateral Sewer Mod. Project E				
1825	Chlorination Repairs and Tank Replacement				
1566	Winnebago WWTP Abandon / Winn Corner PS Upgrade (SRLF)				
1420	Cherry Valley Lift Station Parallel Force main (SRLF)				
1856	Sludge Storage Building Rehab				
1660	Final Clarifiers, Rotorks & Controls				
1826	Lift Station Generator Replacement				
1921	Roof Replacement				
2021	Roof Replacement				
2121	Roof Replacement	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000
1857	Grit Building HVAC Replacement				
1858	Parkson Screen Repairs				
1859	RAS Pump Replacement or Repair				
1907	Compressor				
1908	Piping Replace				
1909	VFD Replace				
1914	Dewatering Bldg Stairway				
1911	Cherry Valley #2 Pump Replace				
2023	Substation 3-6				
2024	Reconfigure Feed 1-4				
2028	Primary Tanks Grating Replacement				
2036	Pryamid Lift Station Pump Replacement				
2116	Large Main Cleaning				
2120	Digester #1 Rehab				
2061	Plant Scale Replacment				
2125	Inventory Shelving				
2126	Fuel Island				
Replacement Group Total		\$770,000	\$770,000	\$770,000	\$ 770,000