

Sup. Metro. District  
No. 1 Tab

# **SUPERIOR METROPOLITAN DISTRICT NO. 1**

Superior Metropolitan District (SMD) No. 1 provides water (potable and non-potable), wastewater, and storm water service to residents within the Town of Superior. SMD No. 1 operates the water and wastewater treatment plants and continues to pursue securing water storage sufficient for the future needs of Superior residents. SMD No. 1 has debt financed the treatment plants, major infrastructure components and water rights. This enables users to have up to date facilities and a secure water source while having development pay its appropriate share of system costs. The District's predominant water supply is Colorado-Big Thompson water shares through membership in the Northern Colorado Water Conservancy District (NCWCD) and the Windy Gap Project, which is a sub-district of the NCWCD.

In 2000, the members of the Town Board of Trustees began serving as members of the Board of Directors of Superior Metropolitan District No. 1 facilitating cooperation between the Town and the District. SMD No. 1 has an intergovernmental agreement with the Town to provide management services for the District. Departments within the water, wastewater and storm water funds include:

## **Water**

- Administration
- Water Supply
- Water Treatment
- Water Storage & Distribution
- Non- Departmental

## **Wastewater**

- Administration
- Wastewater Collection
- Wastewater Treatment Plant
- Non- Departmental

## **Storm Water**

- Administration
- Storm Drainage
- Non-Departmental

## WATER - ADMINISTRATION

### Program Description

This department provides services to residential and commercial water customers, manages consultant contracts for water plant operations, water distribution engineering and legal services. The department also maintains compliance with water regulatory requirements, prepares and calculates system development fees for new development projects, develops and administers water conservation programs, and participates in regional water industry projects and organizations.

### Goals

#### Enhance Financial Stability

- Monthly SMD1 utility costs to be competitive/lower than neighboring utilities.

#### Provide Excellent Public Service and Public Infrastructure

- Provide a safe and reliable source of water to the community and promote conservation.
- Participate in the construction of the Windy Gap FIRMING Project (Chimney Hollow Reservoir) to increase the reliability of the yield of our junior water rights.
- Implement enhanced system maintenance programs including valve turning, hydrant flushing, and general preventative maintenance for the Water Treatment Plant.
- Implement and maintain a long-term infrastructure condition assessment and management process.

#### Engage Residents through Outreach and Marketing

- Percent of citizen complaints per month: Less than half a percent of all accounts

#### Support Environmental Sustainability

- Continue the development of our re-use system and pursue incentives for our customers that promote the use of water conservation technology and devices.

### Performance Measures

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Monthly customer bills (including utilities, trash, landscape fee, etc.) <sup>1</sup>	4,318	4,500	4,700
Monthly disconnect notices <sup>2</sup>	0	150	150
Monthly water disconnects <sup>3</sup>	0	2	2
% of water quality standards met	100%	100%	100%
Avg. winter monthly water/sewer/storm cost			
- Superior	\$68.86	\$72.02 <sup>4</sup>	\$73.72 <sup>4</sup>
- Neighboring Utilities (Louisville, Lafayette, Erie)	\$79.62	\$82.37 <sup>4</sup>	\$85.49 <sup>4</sup>
Avg. summer monthly water/sewer/storm cost			
- Superior	\$121.63	\$124.79 <sup>4</sup>	\$126.49 <sup>4</sup>
- Neighboring Utilities	\$155.24	\$160.59 <sup>4</sup>	\$168.98 <sup>4</sup>

<sup>1</sup> Utility Billing Records – end of year customer count

<sup>2</sup> Average (Ranges from 150-185 per month). No disconnection notices during COVID-19.

<sup>3</sup> Average (Ranges from 2-10 per month). No disconnections during COVID-19.

<sup>4</sup> Based on Superior 5.0% sewer fee increase and neighboring utilities estimated 2023 increase

### Water Administration Expense (50-415)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2100	Legal Services	\$7,754	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
3100	Telephone	922	1,500	1,500	1,545	1,591	1,639	1,688
4200	Memberships	453	1,000	1,000	1,030	1,061	1,093	1,126
4300	Training	497	1,650	1,750	1,750	1,750	1,750	1,750
4310	Travel & Expenses	-	2,500	2,525	2,525	2,525	2,525	2,525
4400	Printing and Binding	6,036	5,000	5,000	5,000	5,000	5,000	5,000
4900	Other Fees & Services	27,16	500	3,000	3,000	3,000	3,000	3,000
5100	Office Supplies	682	1,750	1,400	1,436	1,093	2,843	2,843
5160	Uniforms & Equipment	2,141	2,600	2,700	2,781	2,864	2,950	3,039
8220	Water Conservation	26,039	33,000	33,000	33,000	33,000	33,000	33,000
		\$47,240	\$50,500	\$52,875	\$53,067	\$52,884	\$54,800	\$54,971

## WATER – SUPPLY

### Program Description

The water supply division continues to diversify the Town's water portfolio with the constant review and management of the Town's water rights. Currently, the majority of the Town's water rights are in Colorado-Big Thompson, FRICO Community Ditch and Windy Gap shares. It is the continuous goal of the Board of Directors to ensure a reliable water supply to the residents of the Town of Superior.

### Goals

#### Enhance Financial Stability

- Optimize revenue opportunities through the leasing activity of surplus water supply as available.

#### Provide Excellent Public Service and Public Infrastructure

- Maintain plans for meeting current and future water supply needs.
- Continue to work with Northern Colorado Water Conservancy District (NCWCD) and other agencies on the design and construction of the Windy Gap Reservoir Firming project.

### Performance Measures

Description	2021	2022	2023
Water Supply Plan	Plan Implementation	Plan Implementation	Plan Implementation
Potable Water Interconnect	Operational	Operational	Operational
Maintain Conservation Plan	No activity	Implement	Implement
NCWCD Pump Station Upgrades	No activity	No activity	No activity

### Water Rights

Source	Amount	Avg. Yield, ac-ft.	Firm Yield, ac-ft. <sup>2</sup>
CBT Units	2,080	1,456	1,040
Windy Gap <sup>1</sup>	15	1,283	1,283
Ditch Shares	8.96	67	67
<b>TOTAL</b>		<b>2,806</b>	<b>2,390</b>

<sup>1</sup> Includes Firming Project

<sup>2</sup> Could be fixed at 0.7 AF/unit (1,456 ac-ft)

### Demands, acre feet

Type	2021 <sup>1</sup>	2022 <sup>2</sup>	2023 <sup>2</sup>
Potable	1,439	1,468	1,497
Raw <sup>3</sup>	383	391	398
Reuse <sup>4</sup>	384	392	400
<b>TOTAL</b>	<b>2,206</b>	<b>2,251</b>	<b>2,295</b>

<sup>1</sup> Water treatment plant records

<sup>2</sup> Projected based on 2% growth per Master Plan

<sup>3</sup> Flows to Pond 5 plus Community Ditch

<sup>4</sup> WWTP Reuse water pump meter readings

### Water Supply Expense (50-450)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
5510	Water Leases	\$10,800	\$30,000	\$31,150	\$32,918	\$34,399	\$35,947	\$37,565
5520	Windy Gap Carriage & Power	227,168	204,000	249,000	260,205	271,914	284,150	296,937
5530	CBT Assessment	102,128	107,000	113,000	118,700	124,700	131,000	137,600
5541	FRICO Assessment	320	2,000	2,000	2,000	2,000	2,000	2,000
5560	CBT - Carry Over	20,426	21,000	22,000	22,880	23,795	24,747	25,737
5570	Windy Gap Admin/Fixed O&M Costs	54,000	54,000	54,000	55,620	57,289	59,008	60,778
5570	Chimney Hollow Reservoir Maintenance	-	36,000	67,000	68,199	69,420	70,663	71,928
6710	Water Rights - Legal & Other	19,571	32,000	33,000	34,000	35,000	36,000	37,000
6750	SWSP Pipeline	225,658	265,000	403,000	435,090	428,143	440,987	529,217
		\$660,071	\$751,000	\$974,500	\$1,029,612	\$1,046,660	\$1,084,502	\$1,198,763

## WATER – TREATMENT PLANT

### Program Description

The water treatment plant provides safe drinking water to the residents of the Town of Superior. The operation and maintenance of the plant is currently provided through a contract with Direct Discharge Consulting LLC, and managed by Town staff.

Per the AWWA Standards there are four major categories required for operation:

1. Compliance with Regulatory Requirements
2. Operational Management Practices
3. Plant – Real Property Management and Maintenance
4. Water Quality Management

### Goals

- Compliance with Regulations:
  - Satisfy requirements of Federal, State and Local regulations
  - Demonstrate meeting and striving to perform better than applicable drinking water regulations.
- Operational Management Practices
  - Access the cost of operation annually and provide recommendations for achieving standards.
  - Involve plant personnel to provide input on equipment purchases
- Plant – Management and Maintenance
  - Backup equipment
  - Scheduled inspections and preventative maintenance
- Water Quality Management
  - Deliver quantity of water to satisfy normal demands.
  - Control type, location and number of sampling points

The national average energy consumption in water treatment plants is 1,500 kWh per million gallons of water.

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Average daily production, million gallons per day (MGD)	1.28 <sup>1</sup>	1.31 <sup>4</sup>	1.33 <sup>4</sup>
Total potable water consumption, MG (Ac-Ft)	424 <sup>2</sup> (1,301)	405 <sup>3</sup> (1,244)	414 <sup>3</sup> (1,270)
Total non-potable water consumption, MG (Ac-Ft)	244 <sup>2</sup> (749)	245 <sup>3</sup> (751)	255 <sup>3</sup> (782)

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Total Energy Consumption, kWh	274,940 <sup>1</sup>	265,136 <sup>3</sup>	264,047 <sup>3</sup>
Total Water Treated, MG (Ac-Ft)	469 <sup>1</sup>	478 <sup>4</sup>	488 <sup>4</sup>
kWh / MG Treated	586 <sup>5</sup>	555 <sup>3</sup>	541 <sup>5</sup>

<sup>1</sup> Water treatment plant records (REC annual report)

<sup>2</sup> Utility Billing

<sup>3</sup> Average past 3 years

<sup>4</sup> Based on 2% growth per master plan

<sup>5</sup> Goal is to be under the national average of 1,500 kWh per MG treated

### Water Treatment Expense (50-451)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2370	Treatment Plant Operator	\$123,669	\$150,000	\$157,000	\$161,710	\$166,561	\$171,558	\$176,70
2371	Treatment Plant – Chemical Testing	17,662	23,700	25,000	25,750	26,523	27,319	28,139
2372	Treatment Plant – Add. Services	7,390	13,450	14,000	14,420	14,853	15,299	15,758
2373	State Permit & Calibration	18,715	17,000	18,000	18,540	19,096	19,669	20,259
3100	Telephone	4,260	4,150	4,500	4,635	4,774	4,917	5,065
3110	Utilities	1,316	8,200	8,200	8,200	8,200	8,200	8,200
3150	Electricity	19,825	25,000	26,000	26,910	27,852	28,827	29,836
3160	Natural Gas	2,691	4,700	5,000	5,200	5,400	5,600	5,800
3340	Repairs & Maintenance - WTP	40,098	45,000	47,000	48,410	49,862	51,358	52,899
3342	Ultraviolet System Maintenance	-	25,000	25,000	25,750	26,523	27,319	28,139
3341	Process & Instrumentation Maintenance	17,012	16,000	16,500	16,995	17,505	18,030	18,571
3390	Solids Hauling	10,486	20,000	50,000	50,000	50,000	50,000	50,000
5510	Scada Software	22,100	21,000	21,000	21,000	21,000	21,000	21,000
3491	Photovoltaic System-WTP - Oper. & Maint. – Phase I & II	5,549	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	99,615	83,500	87,000	90,915	95,006	99,281	103,749
5220	Tools & Small Equipment	2,811	5,000	5,000	5,150	5,305	5,464	5,628
		<b>\$393,199</b>	<b>\$466,700</b>	<b>\$514,200</b>	<b>\$528,735</b>	<b>\$543,765</b>	<b>\$559,305</b>	<b>\$575,376</b>



## WATER – STORAGE & DISTRIBUTION

### Program Description

The water storage & distribution program includes the storage and distribution of treated water to residents. Other related services include repair and maintenance of potable lines, irrigation lines and reservoirs and ponds. Distribution and maintenance of water meters and utility line locates are other services also included in this program.

### Goals

#### **Provide Excellent Public Service and Public Infrastructure**

- Implement and maintain a long-term infrastructure condition assessment and management process.
- Actively seek additional storage for irrigation
- Implement GIS for asset management

### Performance Measures

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Potable Water Meters Replaced Inventory: 3,577 <sup>1</sup>	78	200	200
GIS: Percentage of service included	80%	85%	90%
Update Pump Station Controls (3 pump stations in operation)	3	3	3
Potable Water Tanks Cleaned/Service Inventory: 3	0	3	0

<sup>1</sup> Utility billing

## Water Storage & Distribution Expense (50-452)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2210	Engineering Services	\$125,248	\$50,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
2390	Utility Locates	1,249	1,000	2,000	1,500	1,545	1,591	1,639
3100	Telephone	-	500	5,000	5,150	5,305	5,464	5,628
3150	Electricity	71,376	70,000	73,000	76,285	79,718	83,305	87,054
3350	Repairs & Maint - Potable Lines	86,092	150,000	157,000	164,065	171,448	179,163	187,225
3360	Repairs & Maint - Irrigation Lines	36,440	60,000	62,500	65,313	68,252	71,323	74,533
3370	Repairs & Maint - Reservoir & Ponds	1,352	15,000	20,000	20,600	21,218	21,855	22,511
5610	Water Meters	106,494	100,000	100,000	40,000	40,000	40,000	40,000
		\$428,251	\$446,500	\$439,500	\$392,913	\$407,486	\$422,701	\$438,590

## **WATER – NON-DEPARTMENTAL**

### **Program Description**

This fund is for general expenses not associated to any one department. Expenses include debt payments, administrative fees, vehicle maintenance, transfer to water maintenance capital projects and general costs such as insurance and supplies.

### Water Non-Departmental Expense (50-490)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2400	Auditing Services	\$4,975	\$8,500	\$8,750	\$9,000	\$9,250	\$9,500	\$9,750
2440	Utility Billing	20,240	12,500	12,500	12,500	12,500	12,500	12,500
2490	Investment Fees	12,295	15,000	15,000	15,000	15,000	15,000	15,000
2650	Administrative Fee	351,573	378,485	403,896	420,052	436,854	454,328	472,501
4600	PC/GL Insurance	27,919	30,000	40,000	41,000	42,000	43,000	44,000
4800	Studies	49,475	-	-	-	-	-	-
5120	Fuel and Vehicle Maintenance	13,912	18,000	19,000	19,855	20,748	21,682	22,658
7730	Note Principal	1,357,884	1,385,316	1,412,748	1,440,180	6,135,624	-	-
7740	Note Interest	228,769	202,291	175,277	147,729	119,645	-	-
8511	Marshall Fire – Emergency Protective Measures	21,398	-	-	-	-	-	-
8515	Marshall Fire – Utilities	2,835	-	-	-	-	-	-
		\$2,091,275	\$2,050,092	\$2,087,171	\$2,105,316	\$6,791,621	\$2,556,010	\$2,576,409

## **WASTEWATER - ADMINISTRATION**

### **Program Description**

This program provides services to residential and commercial wastewater customers, including the management of consultant contracts for wastewater plant operations, wastewater collection engineering and legal services. Responsibilities also include maintaining compliance with wastewater regulatory requirements, preparing and calculating system development fees for new development projects, and coordinating wastewater system maintenance.

### **Goals**

#### **Enhance Financial Stability**

- Percent of citizen complaints per month: Less than a ½ percent of all accounts.

#### **Provide Excellent Public Services and Public Infrastructure**

- Annually jet sewer collection system to reduce sewer line blockages and backups.
- Implement and maintain a long-term infrastructure condition assessment and management process.
- Provide Discharge Monitoring Reports (DMR's) per CDPHE Statues.

#### **Support Environmental Sustainability**

- Evaluate/Pursue regional consolidation opportunities

### Wastewater Administration Expense (51-415)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2100	Legal Services	\$254	\$500	\$500	\$500	\$500	\$500	\$500
3100	Telephone	553	1,000	1,000	1,030	1,061	1,093	1,126
4200	Membership	66	500	500	500	500	500	500
4300	Training	299	990	1,050	1,050	1,050	1,050	1,050
4310	Travel & Expenses	-	1,500	1,515	1,515	1,515	1,515	1,515
4900	Other Fees & Services	1,620	500	1,500	1,545	1,591	1,639	1,688
5100	Office Supplies	409	1,450	1,050	1,286	1,093	2,143	2,143
5160	Uniforms & Equipment	1,192	1,500	1,600	1,648	1,697	1,748	1,800
		<b>\$4,393</b>	<b>\$7,940</b>	<b>\$8,715</b>	<b>\$9,074</b>	<b>\$9,007</b>	<b>\$10,188</b>	<b>\$10,322</b>

## **WASTEWATER - COLLECTION**

### **Program Description**

The wastewater collection program collects sewer from residents of the Town. In addition, the wastewater is treated and distributed through a reuse system to irrigate the Town's parks, open space, multi-family and commercial landscaped area. Other services include repair and maintenance of sewer lines; operation and maintenance of a lift station; and utility line locates.

### **Goals**

#### **Provide Excellent Public Services and Public Infrastructure**

- Provide safe and cost-effective wastewater treatment.
- Implement and maintain a long-term infrastructure condition assessment and management process.

### **Performance Measures**

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Sewer Lines Cleaned, (ft.) Inventory: 226,585 ft. as of 2020	180,000	190,000	200,000
Sewer Lines Videoed, (ft.)	0	0	44,600
GIS: Percentage of service included	85%	90%	95%

### Wastewater Collection Expense (51-460)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2210	Engineering Services	\$46,441	\$20,000	\$20,000	\$20,600	\$10,000	\$10,300	\$10,609
2390	Utility Locates	1,249	1,100	1,200	1,236	1,273	1,311	1,350
3100	Telephone	-	500	-	-	-	-	-
3110	Utilities	292	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	8,964	10,000	10,500	10,973	11,467	11,983	12,522
3160	Natural Gas	799	500	500	515	530	546	562
3350	Repairs & Maint Lines	2,480	31,500	32,500	33,475	34,479	35,513	36,578
3430	Repairs - Lift Station	11,540	10,000	10,500	10,815	11,139	11,473	11,817
		<u>\$71,765</u>	<u>\$74,600</u>	<u>\$76,200</u>	<u>\$78,644</u>	<u>\$69,949</u>	<u>\$72,219</u>	<u>\$74,564</u>



# WASTEWATER TREATMENT PLANT

## Program Description

The wastewater treatment plant collects sewage from residential and commercial properties within the Town's boundary. The operation and maintenance of the plant is currently provided through a contract with Direct Discharge Consulting LLC, and managed by Town staff.

## Goals

### Provide Excellent Public Services and Public Infrastructure

- Implement and maintain a long-term infrastructure condition assessment and management process.
- Maintain a Facility Master Plan (update every 5 years)

### Support Environmental Sustainability

- Evaluate and improve equipment and chemical usage for an energy efficient plant

In the United States, wastewater plants utilize an average of 1,200 kWh per million gallons (MG) of wastewater treated. However, a higher treatment volume generally leads to a lower energy demand per MG. For standard activated sludge treatment plants, such as we operate, a 1 MGD facility may have a 2,200 kWh/MG energy demand, a 10 MGD facility may have a 1,200 kWh/MG energy demand (WEF, 2009). This amounts to a 45% energy consumption reduction per MG treated from a 1 MGD facility to a 10 MGD facility.

## Performance Measures

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Total annual energy consumption, kWh	1,799,673 <sup>1</sup>	1,817,200 <sup>5</sup>	1,834,623 <sup>5</sup>
Total wastewater treated, MG	549 <sup>2</sup>	560 <sup>3</sup>	571 <sup>3</sup>
kWh / MG Treated	3,278	3,245 <sup>4</sup>	3,213 <sup>4</sup>

<sup>1</sup> Xcel Energy Bills

<sup>2</sup> Plant records

<sup>3</sup> 2% growth per Master Plan

<sup>4</sup> Goal (ultimate goal is 2,300 kWh/MG treated) decreased 1% each year

<sup>5</sup> kWh/MG treated x total treated MG

## Wastewater Treatment Plant Expense (51-461)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2210	Engineering Services	\$10,300	\$11,500	\$15,000	\$15,450	\$15,914	\$16,391	\$16,883
2370	Treatment Plant Operator	360,866	400,000	366,000	376,980	388,289	399,938	411,936
2371	Treatment Plant – Chemical Testing	44,950	53,000	54,500	56,135	57,819	59,554	61,341
2372	Treatment Plant – Add. Services	17,347	11,500	12,000	12,360	12,731	13,113	13,506
2373	State Permits	19,091	18,000	18,500	19,055	19,627	20,216	20,822
2374	FOG Program	8,286	8,300	-	-	-	-	-
3100	Telephone	2,595	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	11,459	15,200	16,000	16,800	17,640	18,522	19,448
3150	Electricity (net)	181,152	175,000	185,000	194,250	203,963	214,161	224,869
3160	Natural Gas	2,996	1,000	10,000	10,300	10,609	10,927	11,255
3340	Repairs & Maintenance - WWTP	66,913	73,000	76,000	79,240	82,994	86,729	90,632
3341	Process & Instrumentation Maintenance	10,509	12,500	13,000	13,390	13,792	14,206	14,632
3355	Centrifuge & Blower Maintenance	32,309	25,000	25,000	10,000	10,000	10,000	10,000
3390	Sludge Hauling	74,170	75,000	79,000	50,000	52,250	54,601	57,058
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,092	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	214,765	230,000	200,000	209,000	218,405	228,233	238,503
5220	Tools & Small Equipment	1,687	3,000	3,000	3,090	3,183	3,278	3,376
5510	Scada Software	22,100	21,000	21,000	21,000	21,000	21,000	21,000
		<b>\$1,085,587</b>	<b>\$1,141,000</b>	<b>\$1,102,000</b>	<b>\$1,095,470</b>	<b>\$1,136,704</b>	<b>\$1,179,611</b>	<b>\$1,224,265</b>

## **WASTEWATER – NON-DEPARTMENTAL**

### **Program Description**

This fund is for general expenses not associated to any one department. Expenses include debt payments, administrative fees, vehicle maintenance, transfer to sewer maintenance capital projects and general costs such as insurance and supplies.

### Wastewater Non-Departmental Expense (51-490)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2400	Auditing Services	\$3,050	\$5,100	\$5,250	\$5,400	\$5,550	\$5,700	\$5,850
2440	Utility Billing	3,832	4,000	4,000	4,000	4,000	4,000	4,000
2490	Investment Fees	1,294	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	210,944	227,091	242,238	252,032	262,113	272,598	283,502
3220	Maint. - Building	38	2,200	2,266	2,334	2,404	2,476	2,550
4600	PC/GL Insurance	16,752	18,000	22,500	23,000	23,500	24,000	24,500
5120	Fuel & Vehicle Maintenance	8,347	10,000	10,450	10,920	11,411	11,924	12,461
7630	Loan Principal	179,670	184,187	189,674	196,610	200,960	204,223	209,758
7640	Loan Interest	115,630	114,201	109,701	105,201	100,701	96,201	91,701
7730	Note Principal	74,399	75,902	77,405	78,908	336,171	-	-
7740	Note Interest	12,534	11,084	9,603	8,094	6,555	-	-
9530	Transfer to Capital	2,377,916	-	-	184,108	128,212	674,560	863,227
		<u>\$3,004,406</u>	<u>\$653,065</u>	<u>\$674,487</u>	<u>\$871,907</u>	<u>\$1,082,877</u>	<u>\$1,296,982</u>	<u>\$1,498,849</u>

## **STORM WATER – ADMINISTRATION**

### **Program Description**

This program provides services to residential and commercial storm water customers, including the management of consultant contracts for storm water operations, storm water engineering and legal services. Responsibilities also include the administration of compliance with storm water regulations, preparation and calculation of system development fees for new development projects, promotion of public awareness regarding the impact of urban runoff on storm water quality, and participation in regional storm water projects and organizations.

In addition, staff works jointly with several surrounding communities on the Keep It Clean Partnership (KICP) to protect water quality within the Town's watershed and to comply with the Town's Municipal Separate Storm Sewer System (MS4) Discharge Permit with the State of Colorado.

### **Goals**

#### **Enhance Financial Stability**

- Percent of citizen complaints per month: < ½% of all accounts.

#### **Provide Excellent Public Services and Public Infrastructure**

- Reduce hazards to life and property from flooding.
- Convey storm water runoff through the site in an economical, safe and practical manner.
- Preserve floodplain areas as natural drainage ways.
- Utilize the drainage ways for recreational and open space purposes.
- Improve water quality of urban runoff to reduce negative impacts to waterways.
- Educate citizens about storm water runoff and protecting the area's waterways.
- Encourage conveyance of irrigation and storm water flows to reduce damages to pavement and other Town infrastructure.

### Storm Water Administration Expense (52-415)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2100	Legal Services	\$254	\$500	\$500	\$500	\$500	\$500	\$500
2300	Planning Services	20,903	21,500	22,500	23,175	23,870	24,586	25,324
2373	MS4 Permit Administration	41,430	30,000	31,000	15,000	15,450	15,914	16,391
3100	Telephone	369	1,000	1,000	1,030	1,061	1,093	1,126
4200	Memberships	544	1,200	1,200	1,200	1,200	1,200	1,200
4300	Training	199	660	700	700	700	700	700
4310	Travel & Expenses	-	1,000	1,010	1,010	1,010	1,010	1,010
4900	Other Fees & Services	1,090	500	500	500	500	500	500
5100	Office Supplies	273	800	850	680	546	1,246	1,160
5160	Uniforms & Equipment	795	1,000	1,030	1,061	1,093	1,126	1,160
		\$65,857	\$58,160	\$60,290	\$44,856	\$45,930	\$47,875	\$49,157

## **STORM WATER – STORM DRAINAGE**

### Program Description

The storm drainage program provides operation and maintenance of storm sewer mains, natural open channels, and detention/water quality ponds within the Town. Other related services include wetlands plantings and monitoring, utility line locates, and street sweeping.

### Goals

#### **Provide Excellent Public Services and Public Infrastructure**

- Convey storm water runoff in an economical, practical and environmentally responsible manner.
- Continue to utilize street sweeping to improve the water quality of urban runoff.
- Review Storm Water Quality Permits for compliance with Town regulations that promote Low Impact Development and stream health.

### Performance Measures

<b>Description</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Time Spent Cleaning Inlets, (Hrs.)	100	100	100
Storm Water Permit Reviewed	6	480 (Marshall Fire)	10
Storm Water Permits Reviewed On Time	100%	100%	100%
Active Construction Sites	12	15	8
Routine Construction Site inspections <sup>1</sup>	100	125	80
Compliance inspections	60	560 (Marshall Fire)	40
Number of Town Wide Street Sweeps	3	4	4

**Storm Water Storm Drainage Expense (52-480)**

<b>Acct #</b>	<b>Description</b>	<b>2021 Actual</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Projected Budget</b>	<b>2025 Projected Budget</b>	<b>2026 Projected Budget</b>	<b>2027 Projected Budget</b>
2210	Engineering Services	\$59,962	\$10,000	\$15,000	\$10,000	\$10,300	\$10,609	\$10,927
2390	Utility Locates	1,249	1,000	1,000	1,030	1,061	1,093	1,126
3350	Repairs & Maintenance - Utility Channels	136	3,100	3,200	3,296	3,395	3,497	3,602
3370	Repairs & Maintenance - Reservoir & Ponds	25,391	26,000	27,000	27,810	28,644	29,503	30,388
3510	Street Sweeping	-	26,000	20,000	20,600	21,218	21,855	22,511
5220	Tools & Small Equipment	1,123	2,000	2,000	2,060	2,122	2,186	2,252
		\$87,861	\$68,100	\$68,200	\$64,796	\$66,740	\$68,743	\$70,806



## **STORM WATER – NON-DEPARTMENTAL**

### **Program Description**

This fund is for general expenses not associated to any one department. Expenses include debt payments, administrative fees, vehicle maintenance, transfer to storm maintenance capital projects and general costs such as insurance and supplies.

### Storm Water Non-Departmental Expense (52-490)

Acct #	Description	2021 Actual	2022 Budget	2023 Budget	2024 Projected Budget	2025 Projected Budget	2026 Projected Budget	2027 Projected Budget
2400	Auditing Services	\$1,990	\$3,400	\$3,500	\$3,600	\$3,700	\$3,800	\$3,900
2440	Utility Billing	1,230	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	140,629	151,394	161,558	168,020	174,741	181,731	189,000
4600	PC/GL Insurance	11,168	12,000	15,000	15,250	15,500	15,750	16,000
5120	Fuel & Vehicle Maint.	5,564	6,800	7,000	7,210	7,426	7,649	7,878
7730	Note Principal	52,718	53,783	54,848	55,913	238,205	-	-
7740	Note Interest	8,882	7,854	6,805	5,735	4,645	-	-
9530	Transfer to Capital	-	8,209	-	17,320	-	81,152	75,959
		\$222,181	\$244,740	\$250,011	\$274,348	\$445,517	\$291,382	\$294,037

**SUPERIOR METROPOLITAN DISTRICT NO. 1  
RESOLUTION SMD#1-8  
SERIES 2022**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SUPERIOR  
METROPOLITAN DISTRICT NO. 1 ADOPTING A BUDGET AND  
APPROPRIATING SUMS OF MONEY FOR THE SUPERIOR METROPOLITAN  
DISTRICT NO. 1 FOR 2023**

**WHEREAS**, the Board of Directors (the "Board") of the Superior Metropolitan District No. 1 ("SMD#1") appointed the Town of Superior Finance Director to prepare and submit a proposed budget to the Board as required by the Local Government Budget Law, C.R.S. § 29-1-101, et seq.;

**WHEREAS**, the Finance Director submitted the proposed SMD#1 2023 Budget to the Board on August 17, 2022 for the Board's consideration;

**WHEREAS**, the proposed SMD#1 2023 Budget was open for inspection by the public at the Superior Town Hall, 124 E. Coal Creek Drive, Superior, Colorado;

**WHEREAS**, the Board held a properly-noticed public hearing on October 10, 2022 and interested persons were given the opportunity to register objections to the 2023 SMD#1 Budget; and

**WHEREAS**, it is necessary to appropriate the revenues provided in the Budget to and for the purposes described below, so as not to impair the operations of SMD#1.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD DIRECTORS OF THE SUPERIOR METROPOLITAN DISTRICT NO. 1:**

**Section 1.** The following are estimated expenses for each fund for the 2023 SMD#1 Budget:

Water Operating	\$4,068,246
Water Capital	4,251,750
Sewer Operating	1,861,402
Sewer Capital	4,106,250
Storm Drainage Operating	378,501
Storm Drainage Capital	<u>1,654,500</u>
Total	<u>\$16,320,649</u>

**Section 2.** The 2023 SMD#1 Budget, as submitted to the Board, is hereby approved and adopted as the budget of the Superior Metropolitan District No. 1 for 2023.

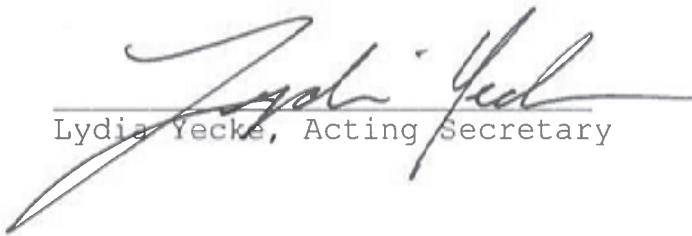
**Section 3.** For the Superior Metropolitan District No. 1 for 2023, the following sums are hereby appropriated from the revenue of each fund, to each fund, for the purposes stated:

Water Operating	\$4,068,246
Water Capital	4,251,750
Sewer Operating	1,861,402
Sewer Capital	4,106,250
Storm Drainage Operating	378,501
Storm Drainage Capital	1,654,500
Total	<u>\$16,320,649</u>

ADOPTED this 10<sup>th</sup> day of October, 2022.

  
Clint Folsom, President  
MARK LACIS

ATTEST:

  
Lydia Yecke, Acting Secretary



**SUPERIOR METROPOLITAN DISTRICT NO. 1  
RESOLUTION NO. SMD#1-9  
SERIES 2022**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SUPERIOR  
METROPOLITAN DISTRICT NO. 1 AMENDING APPENDIX A OF THE  
DISTRICT'S RULES AND REGULATIONS TO INCREASE THE  
DISTRICT'S RATES AND FEES EFFECTIVE MARCH 11, 2023**

**WHEREAS**, according to the Rules and Regulations of the Superior Metropolitan District No. 1 ("SMD#1"), rates and fees may be increased by the District's Board of Directors by resolution after a public hearing;

**WHEREAS**, tap fees, water meter installation fees, system development fees, service charges, standby fees, construction water fees, and miscellaneous fees for SMD1 customers are set forth in Appendix A of the Rules and Regulations;

**WHEREAS**, to cover increased costs of service, the Board of Directors wishes to increase certain rates and fees, effective March 11, 2023; and

**WHEREAS**, the Board of Directors held a properly-noticed public hearing on the proposed increases on October 10, 2022.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SUPERIOR METROPOLITAN DISTRICT NO. 1 AS FOLLOWS:**

**Section 1.** The Board of Directors finds and determines that it is necessary to increase SMD#1's rates and fees to maintain SMD#1's current level of operations, and that the rates and fees set forth in the attached Appendix A are reasonably related to the cost of services provided by SMD#1.

**Section 2.** The Board of Directors hereby adopts the schedule of rates and fees attached hereto, which shall be attached as Appendix A to SMD#1's Rules and Regulations. The schedule adopted herein shall replace all prior versions.

**Section 3.** This Resolution shall take effect upon adoption, but the increased rates and fees set forth in Appendix A shall not take effect until March 11, 2023. Until that time, the existing rates and fees shall remain applicable.

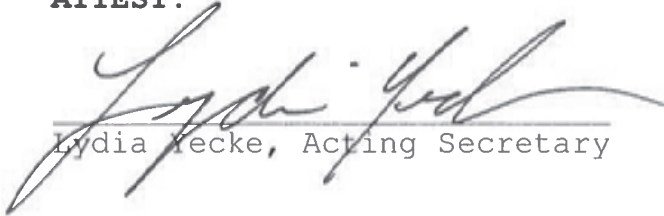
ADOPTED this 10<sup>th</sup> day of October, 2022.



~~Clint Folsom~~, President

MARK LAUS

**ATTEST:**

  
Lydia Yecke, Acting Secretary

(this page intentionally left blank)

