

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

- Percent of citizen complaints per month: Less than half a percent of all accounts.
- 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.
- Continue the development of our re-use system and pursue incentives for our customers that promote the use of water conservation technology and devices.
- 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.
- Monthly SMD1 utility costs to be competitive/lower than neighboring utilities.

### Performance Measures

Description	2018	2019	2020
Monthly customer bills (including utilities, trash, landscape fee, etc.)	4,058 <sup>1</sup>	4,242 <sup>2</sup>	4,325 <sup>2</sup>
Monthly disconnect notices	120 <sup>3</sup>	160	160
Monthly water disconnects	2 <sup>4</sup>	2 <sup>4</sup>	2 <sup>4</sup>
% of water quality standards met	100%	100%	100%
Avg. winter monthly water/sewer/storm cost			
- Superior	\$65.99 <sup>5</sup>	\$67.39 <sup>6</sup>	\$68.86 <sup>6</sup>
- Neighboring Utilities (Louisville, Lafayette, Erie)	\$74.68 <sup>5</sup>	\$77.11 <sup>6</sup>	\$79.62 <sup>6</sup>
Avg. summer monthly water/sewer/storm cost			
- Superior	\$118.76 <sup>5</sup>	\$120.16 <sup>6</sup>	\$121.63 <sup>6</sup>
- Neighboring Utilities	\$145.66 <sup>5</sup>	\$151.24 <sup>6</sup>	\$155.24 <sup>6</sup>

<sup>1</sup> Utility Billing Records

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

<sup>3</sup> Average (Ranges from 150-185 per month)

<sup>4</sup> Average (Ranges from 2-15 per month) theoretically projections decrease as notices increase.

<sup>5</sup> From 2018 and 2019 Budget/Utility rates comparison

<sup>6</sup> Based on Superior 5.0% sewer fee increase and neighboring utilities estimated 2020 increase

### Water Administration Expense (50-415)

Acct #	Description	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2100	Legal Services	\$743	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
3100	Telephone	1,103	2,000	2,000	2,060	2,122	2,186	2,252
4200	Memberships	438	1,000	1,000	1,030	1,061	1,093	1,126
4300	Training	671	1,650	1,650	1,650	1,650	1,650	1,650
4310	Travel & Expenses	-	2,500	2,500	2,500	2,500	2,500	2,500
4400	Printing and Binding	2,412	2,500	2,500	2,500	2,500	2,500	2,500
4900	Other Fees & Services	203	500	500	500	500	500	500
5100	Office Supplies	1,166	2,500	3,500	1,030	1,061	1,843	1,501
5160	Uniforms & Equipment	1,696	2,500	2,500	2,575	2,652	2,732	2,814
6110	Software	-	2,000	-	-	-	-	-
8220	Water Conservation	16,597	40,000	20,000	20,000	20,000	20,000	20,000
		\$25,029	\$59,650	\$38,650	\$36,345	\$36,546	\$37,504	\$37,343

## 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

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

### Performance Measures

<b>Description</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Water Supply Plan	Plan Implementation	Plan Implementation	Plan Implementation
Potable Water Interconnect	Operational	Operational	Operational
Maintain Conservation Plan	No activity	Approved by the State	Implement
NCWCD Pump Station Upgrades	No activity	No activity	No activity

### Water Rights

<b>Source</b>	<b>Amount</b>	<b>Avg. Yield, ac-ft.</b>	<b>Firm Yield, ac-ft.<sup>2</sup></b>
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

<b>Type</b>	<b>2018<sup>1</sup></b>	<b>2019<sup>2</sup></b>	<b>2020<sup>2</sup></b>
Potable	1,390	1,541	1,446
Raw <sup>3</sup>	412	254	428
Reuse <sup>4</sup>	339	350	353
<b>TOTAL</b>	<b>2,141</b>	<b>2,145</b>	<b>2,227</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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
5520	Windy Gap Carriage & Power	\$110,589	\$170,000	\$175,000	\$182,875	\$191,104	\$199,704	\$208,691
5530	CBT Assessment	94,016	98,000	102,000	107,100	112,500	118,200	124,200
5541	FRICO Assessment	1,743	2,000	2,000	2,000	2,000	2,000	2,000
5560	CBT - Carry Over	18,803	18,800	19,000	19,760	20,550	21,372	22,227
5570	Chimney Hollow Reservoir Maintenance	-	-	34,000	34,609	35,229	35,860	36,502
5570	Windy Gap Admin/Fixed O&M Costs	54,000	54,000	54,000	54,000	54,000	54,000	55,620
6710	Water Rights - Legal & Other	30,583	35,000	30,000	31,000	32,000	33,000	34,000
6750	SWSP Pipeline	262,746	190,000	270,000	208,100	214,343	220,773	227,396
		\$572,480	\$567,800	\$686,000	\$639,444	\$661,726	\$684,909	\$710,636

## 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 Ramey Environmental Compliance, Inc., 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>2018</b>	<b>2019</b>	<b>2020</b>
Average daily production, million gallons per day (MGD)	1.24 <sup>1</sup>	1.38 <sup>4</sup>	1.29 <sup>4</sup>
Total potable water consumption, MG (Ac-Ft)	415 <sup>2</sup> (1,274)	416 <sup>3</sup> (1,277)	414 <sup>3</sup> (1,272)
Total non-potable water consumption, MG (Ac-Ft)	212 <sup>2</sup> (651)	212 <sup>3</sup> (651)	209 <sup>3</sup> (642)

<b>Description</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Total Energy Consumption, kWh	300,930 <sup>1</sup>	378,681 <sup>3</sup>	373,542 <sup>3</sup>
Total Water Treated, MG (Ac-Ft)	453 <sup>1</sup>	462 <sup>4</sup>	471 <sup>4</sup>
kWh / MG Treated	664	<1,500 <sup>5</sup>	<1,500 <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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2370	Treatment Plant Operator	\$118,176	\$123,600	\$127,500	\$131,325	\$135,265	\$139,323	\$143,503
2371	Treatment Plant – Chemical Testing	20,910	21,500	22,000	22,660	23,340	24,040	24,761
2372	Treatment Plant – Add. Services	7,478	5,000	7,500	7,725	7,957	8,196	8,442
628	State Permit & Calibration	8,315	13,500	14,000	14,420	14,853	15,299	15,758
3100	Telephone	3,723	3,500	3,500	3,605	3,713	3,824	3,939
3110	Utilities	965	1,000	1,000	1,000	1,000	1,000	1,000
3150	Electricity	24,035	42,500	30,000	31,050	32,137	33,262	34,426
3160	Natural Gas	3,731	4,500	4,500	4,700	4,900	5,100	5,300
3340	Repairs & Maintenance - WTP	18,543	42,000	30,000	30,900	31,827	32,782	33,765
	Ultraviolet System Maintenance	-	-	-	-	25,000	25,750	26,523
3341	Process & Instrumentation Maintenance	15,083	14,500	15,000	15,450	15,914	16,391	16,883
3390	Solids Hauling	-	54,000	35,000	-	-	-	25,000
5510	Scada Software	8,500	21,000	21,000	21,000	21,000	21,000	21,000
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	6,516	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	100,421	71,000	75,000	78,375	81,902	85,588	89,439
5220	Tools & Small Equipment	2,137	5,000	5,000	5,150	5,305	5,464	5,628
7971	Photovoltaic System Lease Payments – Phase I & II	35,439	35,439	6,000	-	-	-	-
7972	Photovoltaic System II - Purchase Option	-	-	37,192	-	-	-	-
		\$373,972	\$463,039	\$439,192	\$372,510	\$409,418	\$422,483	\$460,995

## 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

- 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>2018</b>	<b>2019</b>	<b>2020</b>
Potable Water Meters Replaced Inventory: 3,476 <sup>1</sup>	200	200	200
GIS: Percentage of service included	70%	75%	75%
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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2210	Engineering Services	\$36,972	\$20,000	\$30,000	\$30,900	\$20,000	\$20,600	\$21,218
2390	Utility Locates	2,037	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	120	500	500	515	530	546	562
3150	Electricity	53,054	55,000	57,500	60,088	62,792	65,618	68,571
3350	Repairs & Maint - Potable Lines	126,585	104,500	110,000	114,950	120,123	125,529	131,178
3360	Repairs & Maint - Irrigation Lines	44,102	41,800	45,000	47,025	49,141	51,352	53,663
3370	Repairs & Maint - Reservoir & Ponds	10,615	5,150	10,000	10,300	10,609	10,927	11,255
5610	Water Meters	64,692	56,400	56,000	74,000	75,000	61,000	58,000
		<u>\$338,177</u>	<u>\$284,350</u>	<u>\$310,000</u>	<u>\$338,808</u>	<u>\$339,256</u>	<u>\$336,665</u>	<u>\$345,573</u>

## **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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2400	Auditing Services	\$6,550	\$7,000	\$8,000	\$8,250	\$8,500	\$8,750	\$9,000
2440	Utility Billing	12,047	12,000	12,500	12,500	12,500	12,500	12,500
2460	Bank Fees	-	100	-	-	-	-	-
2490	Investment Fees	13,786	14,000	15,000	15,000	15,000	15,000	15,000
2510	Paying Agent Fees	-	1,650	-	-	-	-	-
2650	Administrative Fee	312,051	329,941	342,925	356,642	370,908	385,744	401,174
4600	PC/GL Insurance	19,902	22,000	23,000	24,000	25,000	26,000	27,000
4800	Studies	6,164	-	-	-	-	-	-
5120	Fuel and Vehicle Maintenance	13,169	16,720	17,000	17,765	18,564	19,399	20,272
7730	Note Principal	1,284,732	1,307,592	1,335,024	1,357,884	1,385,316	1,412,748	1,440,180
7740	Note Interest	305,353	280,300	254,802	228,769	202,291	175,277	147,729
9530	Transfer to Capital	31,725	15,358	-	74,083	78,975	77,021	66,598
		<u>\$2,005,479</u>	<u>\$2,006,661</u>	<u>\$2,008,251</u>	<u>\$2,094,893</u>	<u>\$2,117,054</u>	<u>\$2,132,439</u>	<u>\$2,139,453</u>

## 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

- Percent of citizen complaints per month: Less than a ½ percent of all accounts.
- 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.
- Evaluate/Pursue regional consolidation opportunities

### Wastewater Administration Expense (51-415)

Acct #	Description	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2100	Legal Services	\$373	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
3100	Telephone	662	1,300	1,300	1,339	1,379	1,420	1,463
4200	Membership	74	500	500	500	500	500	500
4300	Training	485	990	990	990	990	990	990
4310	Travel & Expenses	-	1,500	1,500	1,500	1,500	1,500	1,500
4900	Other Fees & Services	122	500	500	515	530	546	562
5100	Office Supplies	699	1,900	2,500	1,030	1,061	1,543	1,351
5160	Uniforms & Equipment	1,018	1,500	1,500	1,545	1,591	1,639	1,688
		\$3,433	\$9,190	\$9,790	\$8,419	\$8,551	\$9,138	\$9,054

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

### Performance Measures

<b>Description</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Sewer Lines Cleaned, (ft.) Inventory: 223,000 ft. as of 2018	134,365	140,000	145,000
Sewer Lines Videoed, (ft.)	0	0	0
GIS: Percentage of service included	70%	75%	75%

### Wastewater Collection Expense (51-460)

Acct #	Description	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2210	Engineering Services	\$18,438	\$10,000	\$15,000	\$15,450	\$10,000	\$10,300	\$10,609
2390	Utility Locates	2,037	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	60	500	500	515	530	546	562
3110	Utilities	448	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	8,786	8,000	8,500	8,883	9,283	9,701	10,138
3160	Natural Gas	1,072	500	500	515	530	546	562
3350	Repairs & Maint Lines	29,592	28,500	29,500	30,385	31,297	32,236	33,203
3430	Repairs - Lift Station	5,664	5,000	5,000	5,000	5,000	5,000	5,000
		\$66,097	\$54,500	\$61,000	\$62,808	\$58,762	\$60,515	\$62,326

## 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 Ramey Environmental Compliance, Inc., and managed by Town staff.

### Goals

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

Description	2018	2019	2020
Total annual energy consumption, kWh	1,591,041 <sup>1</sup>	1,604,750 <sup>5</sup>	1,622,880 <sup>5</sup>
Total wastewater treated, MG	461 <sup>2</sup>	470 <sup>3</sup>	480 <sup>3</sup>
kWh / MG Treated	3,451	3,416 <sup>4</sup>	3,381 <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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2210	Engineering Services	\$17,691	\$10,000	\$10,500	\$10,815	\$11,139	\$11,473	\$11,817
2370	Treatment Plant Operator	344,838	355,350	366,000	376,980	388,289	399,938	411,936
2371	Treatment Plant – Chemical Testing	50,172	38,000	50,000	51,500	53,045	54,636	56,275
2372	Treatment Plant – Add. Services	9,575	10,000	10,500	10,815	11,139	11,473	11,817
2373	State Permits	14,896	15,500	16,000	16,480	16,974	17,483	18,007
3100	Telephone	2,511	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	6,107	15,000	8,000	8,400	8,820	9,261	9,724
3150	Electricity (net)	146,061	134,400	141,000	148,050	155,453	163,226	171,387
3160	Natural Gas	687	1,000	1,000	1,030	1,061	1,093	1,126
3340	Repairs & Maintenance - WWTP	62,046	65,000	68,000	71,000	74,258	77,600	81,092
3341	Process & Instrumentation Maintenance	9,385	11,000	11,500	11,845	12,200	12,566	12,943
3355	Centrifuge & Blower Maintenance	8,877	25,000	25,000	25,000	25,000	25,000	25,000
3390	Sludge Hauling	34,016	35,000	36,000	37,620	39,313	41,082	42,931
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	5,984	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	192,771	190,000	198,000	206,910	216,221	225,951	236,119
5220	Tools & Small Equipment	1,282	3,000	3,000	3,090	3,183	3,278	3,376
5510	Scada Software	8,500	21,000	21,000	21,000	21,000	21,000	21,000
7971	Photovoltaic System Lease Payments	35,439	35,439	6,000	-	-	-	-
7972	Photovoltaic System II - Purchase Option	-	-	37,192	-	-	-	-
		\$950,838	\$972,689	\$1,016,692	\$1,008,835	\$1,045,583	\$1,083,802	\$1,123,554

## **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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2400	Auditing Services	\$3,930	\$3,750	\$4,800	\$4,950	\$5,100	\$5,250	\$5,400
2440	Utility Billing	4,176	4,000	4,000	4,000	4,000	4,000	4,000
2490	Investment Fees	1,451	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	187,231	197,965	205,755	213,985	222,544	231,446	240,704
3220	Maint. - Building	909	2,000	2,060	2,122	2,186	2,252	2,320
4600	PC/GL Insurance	11,941	13,000	13,500	14,000	14,500	15,000	15,500
5120	Fuel & Vehicle Maintenance	8,155	10,000	10,200	10,659	11,139	11,640	12,164
7730	Bond Principal	70,391	71,643	73,146	74,399	75,902	77,405	78,908
7740	Bond Interest	16,730	15,358	13,961	12,534	11,084	9,603	8,094
9530	Transfer to Capital	-	64,605	153,396	318,414	436,374	339,464	635,176
		<u>\$305,424</u>	<u>\$383,621</u>	<u>\$482,118</u>	<u>\$656,363</u>	<u>\$784,129</u>	<u>\$891,095</u>	<u>\$1,003,566</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

- Percent of citizen complaints per month: < ½% of all accounts.
- 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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2100	Legal Services	\$373	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2300	Planning Services	23,912	24,000	20,000	20,600	21,218	21,855	22,511
2373	MS4 Permit Administration	890	10,000	20,000	20,600	10,000	10,300	10,609
3100	Telephone	441	1,000	1,000	1,030	1,061	1,093	1,126
4200	Memberships	549	1,200	1,200	1,200	1,200	1,200	1,200
4300	Training	289	660	660	660	660	660	660
4310	Travel & Expenses	-	1,000	1,000	1,000	1,000	1,000	1,000
4900	Other Fees & Services	81	500	500	500	500	500	500
5100	Office Supplies	466	1,400	1,500	515	530	846	713
5160	Uniforms & Equipment	678	1,000	1,000	1,030	1,061	1,093	1,126
		\$27,679	\$41,760	\$47,860	\$48,135	\$38,230	\$39,547	\$40,445

## **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

- 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>2018</b>	<b>2019</b>	<b>2020</b>
Time Spent Cleaning Inlets, (Hrs.)	100	80	100
Storm Water Permit Reviewed	8	10	12
Storm Water Permits Reviewed On Time	100%	100%	100%
Number of Town Wide Street Sweeps	4	4	4

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

Acct #	Description	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2210	Engineering Services	\$33,199	\$10,000	\$20,000	\$20,600	\$10,000	\$10,300	\$10,609
2373	State Permits	7,553	-	-	-	-	-	-
2390	Utility Locates	2,037	1,000	1,000	1,030	1,061	1,093	1,126
3350	Repairs & Maintenance - Utility Channels	7,000	3,000	3,000	3,090	3,183	3,278	3,376
3370	Repairs & Maintenance - Reservoir & Ponds	18,005	15,000	15,000	15,450	15,914	16,391	16,883
3510	Street Sweeping	9,360	30,000	25,000	25,750	26,523	27,319	28,139
5220	Tools & Small Equipment	854	2,000	2,000	2,060	2,122	2,186	2,252
		\$78,008	\$61,000	\$66,000	\$67,980	\$58,803	\$60,567	\$62,385

## **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	2018 Actual	2019 Budget	2020 Budget	2021 Projected Budget	2022 Projected Budget	2023 Projected Budget	2024 Projected Budget
2400	Auditing Services	\$2,620	\$2,500	\$3,200	\$3,300	\$3,400	\$3,500	\$3,600
2440	Utility Billing	1,319	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	124,821	131,977	137,170	142,657	148,363	154,298	160,470
4600	PC/GL Insurance	7,961	8,500	9,000	9,250	9,500	9,750	10,000
5120	Fuel & Vehicle Maint.	5,313	6,500	6,400	6,592	6,790	6,994	7,204
7730	Note Principal	49,878	50,765	51,830	52,718	53,783	54,848	55,913
7740	Note Interest	11,855	10,882	9,892	8,882	7,854	6,805	5,735
9530	Transfer to Capital	-	45,816	28,348	31,036	54,673	53,928	51,322
		\$204,128	\$258,240	\$247,140	\$255,735	\$285,663	\$291,423	\$295,544

**SUPERIOR METROPOLITAN DISTRICT NO. 1  
RESOLUTION SMD#1-5  
SERIES 2019**

**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 2020**

**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 2020 Budget to the Board on August 23, 2019 for the Board's consideration;

**WHEREAS**, the proposed SMD#1 2020 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 28, 2019 and interested persons were given the opportunity to register objections to the 2020 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 expenditures for each fund for the 2020 SMD#1 Budget:

Water Operating	\$3,482,093
Water Capital	1,509,383
Sewer Operating	1,569,600
Sewer Capital	5,211,750
Storm Drainage Operating	361,000
Storm Drainage Capital	54,500
Total	<u>\$12,188,326</u>

**Section 2.** The 2020 SMD#1 Budget, as submitted to the Board, is hereby approved and adopted as the budget of the Superior Metropolitan District No. 1 for 2020.

**Section 3.** For the Superior Metropolitan District No. 1 for 2020, the following sums are hereby appropriated from the revenue of each fund, to each fund, for the purposes stated:

Water Operating	\$3,482,093
Water Capital	1,509,383
Sewer Operating	1,569,600
Sewer Capital	5,211,750
Storm Drainage Operating	361,000
Storm Drainage Capital	54,500
Total	<u>\$12,188,326</u>

ADOPTED this 28<sup>th</sup> day of October, 2019.

  
\_\_\_\_\_  
Clint Folsom, President

ATTEST

  
  
Phyllis L. Hardin, Secretary

SUPERIOR METROPOLITAN DISTRICT NO. 1  
RESOLUTION NO. SMD#1-6  
SERIES 2019

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, 2020

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, 2020; and

WHEREAS, the Board of Directors held a properly-noticed public hearing on the proposed increases on October 28, 2019.

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, 2020. Until that time, the existing rates and fees shall remain applicable.

ADOPTED this 28<sup>th</sup> day of October, 2019.

Clint Folsom  
Clint Folsom, President

ATTEST:

Phyllis L. Hardin Secretary  
The seal is circular with a rope-like border. The text 'SUPERIOR METROPOLITAN DISTRICT' is written along the top inner edge, and 'COLORADO' is at the bottom. In the center, the word 'SEAL' is printed in a bold, serif font.

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