

Superior Metropolitan 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 is pursuing 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. 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 Firing 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	2016	2017	2018
Monthly customer bills (including utilities, trash, landscape fee, etc.)	4,032 ¹	3,908 ²	4,195 ²
Monthly disconnect notices	150 ³	185	160
Monthly water disconnects	2 ⁴	2 ⁴	2 ⁴
% of water quality standards met	100%	100%	100%
Avg. winter monthly water/sewer/storm cost			
- Superior	\$53.83 ⁵	\$58.56 ⁵	\$65.99 ⁶
- Neighboring Utilities (Louisville, Lafayette, Erie)	\$51.35 ⁵	\$65.15 ⁵	\$73.65 ⁶
Avg. summer monthly water/sewer/storm cost			
- Superior	\$102.88 ⁵	\$111.35 ⁵	\$118.76 ⁶
- Neighboring Utilities	\$103.90 ⁵	\$136.65 ⁵	\$145.66 ⁶

¹ Utility Billing Records

² Projected 2% growth per Master Plan

³ Average (Ranges from 150-185 per month)

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

⁵ From 2016 and 2017 Budget/Utility rates comparison

⁶ Based on Superior 5.0% sewer fee increase and neighboring utilities estimated 2018 increase

Water Administration Expense (50-415)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2100	Legal Services	\$2,122	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
3100	Telephone	1,405	2,000	2,000	2,060	2,122	2,186	2,252
4200	Memberships	384	1,000	1,000	1,030	1,061	1,093	1,126
4300	Training	330	1,650	1,650	1,650	1,650	1,650	1,650
4310	Travel & Expenses	14	2,500	2,500	2,500	2,500	2,500	2,500
4400	Printing and Binding	2,149	2,500	2,500	2,500	2,500	2,500	2,500
4900	Other Fees & Services	33	500	500	500	500	500	500
5100	Office Supplies	1,260	1,250	1,750	2,030	1,311	1,126	2,126
5160	Uniforms & Equipment	1,316	2,000	2,500	2,575	2,652	2,732	2,814
6110	Software	1,024	2,000	2,000	2,060	2,122	2,186	2,252
8220	Water Conservation	16,516	20,000	20,000	20,000	20,000	20,000	20,000
		\$26,553	\$37,900	\$38,900	\$39,405	\$38,918	\$38,973	\$40,220

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

Description	2016	2017	2018
Water Supply Plan	Plan Implementation	Plan Implementation	Plan Implementation
Potable Water Interconnect	Operational	Operational	Operational
Maintain Conservation Plan	Update	Update	Update
NCWCD Pump Station Upgrades	No activity	No activity	No activity

Water Rights

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

¹ Includes Firming Project

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

Demands, acre feet

Type	2016 ¹	2017 ²	2018 ²
Potable	1,449	1,477	1,506
Raw ³	386	393	400
Reuse ⁴	324	330	352
TOTAL	2,158	2,200	2,258

¹ Water treatment plant records

² Projected based on 2% growth per Master Plan

³ Flows to Pond 5 plus Community Ditch

⁴ WWTP Reuse water pump meter readings

Water Supply Expense (50-450)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
5520	Windy Gap Carriage & Power	\$170,135	\$155,000	\$162,000	\$169,290	\$176,908	\$184,869	\$193,188
5530	CBT Assessment	87,776	96,600	94,800	99,600	104,600	109,900	115,400
5541	FRICO Assessment	1,634	2,000	2,000	2,000	2,000	2,000	2,000
5560	CBT - Carry Over	32,068	12,000	12,500	13,063	13,651	14,265	14,907
5570	Chimney Hollow Reservoir Maintenance	-	-	-	-	34,000	34,609	35,229
5570	Windy Gap Admin/Fixed O&M Costs	64,250	54,000	54,000	55,620	57,289	59,008	60,778
5571	SPWRAP Assessment	-	2,500	-	-	-	-	-
6710	Water Rights - Legal & Other	32,576	26,000	27,000	28,000	29,000	30,000	31,000
6730	Windy Gap Payment	318,367	-	-	-	-	-	-
6750	SWSP Pipeline	175,375	155,000	190,000	230,000	210,000	216,300	222,789
		\$882,181	\$503,100	\$542,300	\$597,573	\$627,448	\$650,951	\$675,291

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.

Description	2016	2017	2018
Average daily production, million gallons per day (MGD)	1.29 ¹	1.32 ⁴	1.35 ⁴
Total potable water consumption, MG (Ac-Ft)	422 ² (1,295)	407 ³ (1,249)	409 ³ (1,255)
Total non-potable water consumption, MG (Ac-Ft)	220 ² (675)	194 ³ (595)	194 ³ (595)

Description	2016	2017	2018
Total Energy Consumption, kWh	394,096 ¹	396,508 ³	383,632 ³
Total Water Treated, MG (Ac-Ft)	472 ¹	481 ⁴	491 ⁴
kWh / MG Treated	1,198	<1,500 ⁵	<1,500 ⁵

¹ Water treatment plant records (REC annual report)

² Utility Billing

³ Average past 3 years

⁴ Based on 2% growth per master plan

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

Water Treatment Expense (50-451)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2370	Treatment Plant Operator	\$154,349	\$170,000	\$120,000	\$123,600	\$123,600	\$127,308	\$127,308
2371	Treatment Plant – Chemical Testing	24,593	21,000	21,000	21,630	22,279	22,947	23,635
2372	Treatment Plant – Add. Services	23,217	10,000	10,000	10,300	10,609	10,927	11,255
2373	State Permit & Calibration	8,918	12,500	13,000	13,390	13,792	14,206	14,632
3100	Telephone	3,497	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	415	1,000	1,000	1,000	1,000	1,000	1,000
3150	Electricity	31,384	40,000	41,000	42,435	43,920	45,457	47,048
3160	Natural Gas	1,730	4,500	4,500	4,700	4,900	5,100	5,300
3340	Repairs & Maintenance - WTP	31,883	40,000	41,000	42,230	43,497	44,802	46,146
3341	Process & Instrumentation Maintenance	8,136	13,000	14,000	14,420	14,853	15,299	15,758
3390	Solids Hauling	57,525	50,000	52,000	54,340	35,000	36,575	38,221
5510	Scada Lease	-	-	21,000	21,945	22,933	23,965	25,043
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,294	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	62,079	65,000	68,000	71,060	74,258	77,600	81,092
5220	Tools & Small Equipment	2,709	5,000	5,000	5,150	5,305	5,464	5,628
7971	Photovoltaic System Lease Payments – Phase I & II	36,416	35,439	35,439	35,439	-	-	-
7972	Photovoltaic System II - Purchase Option	-	-	-	-	37,192	-	-
		<u>\$491,075</u>	<u>\$475,439</u>	<u>\$454,939</u>	<u>\$469,879</u>	<u>\$461,626</u>	<u>\$439,392</u>	<u>\$451,070</u>

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

Description	2016	2017	2018
Potable Water Meters Replaced Inventory: 3,370 ¹	131	130	130
GIS: Percentage of service included	50%	70%	70%
Update Pump Station Controls (3 pump stations in operation)	3	2	2
Potable Water Tanks Cleaned/Service Inventory: 3	3	0	0

¹ Utility billing

Water Storage & Distribution Expense (50-452)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2210	Engineering Services	\$8,949	\$10,000	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
2390	Utility Locates	752	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	374	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	46,911	55,000	57,500	60,088	62,792	65,618	68,571
3350	Repairs & Maint - Potable Lines	159,361	60,000	100,000	104,500	109,203	114,117	119,252
3360	Repairs & Maint - Irrigation Lines	30,568	25,000	40,000	41,800	43,681	45,647	47,701
3370	Repairs & Maint - Reservoir & Ponds	5,495	5,000	5,000	5,150	5,305	5,464	5,628
5610	Water Meters	54,904	70,000	50,400	56,400	47,400	39,900	33,900
		\$307,314	\$227,000	\$264,900	\$280,298	\$281,112	\$283,859	\$288,559

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	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2400	Auditing Services	\$6,125	\$6,500	\$6,750	\$7,000	\$7,250	\$7,500	\$7,750
2440	Utility Billing	12,022	12,000	12,000	12,000	12,000	12,000	12,000
2460	Bank Fees	-	100	100	100	100	100	100
2490	Investment Fees	11,805	12,000	12,000	12,000	12,000	12,000	12,000
2510	Paying Agent Fees	-	1,650	1,650	1,650	1,650	1,650	1,650
2650	Administrative Fee	290,288	303,616	312,051	324,533	337,514	351,015	365,056
4600	PC/GL Insurance	18,881	20,000	21,000	22,000	23,000	24,000	25,000
4800	Studies	-	25,000	25,000	-	-	-	-
5120	Fuel and Vehicle Maintenance	13,791	15,000	16,000	16,720	17,472	18,258	19,080
7730	Note Principal	1,234,440	1,257,300	1,284,732	1,307,592	1,335,024	1,357,884	1,385,316
7740	Note Interest	353,941	329,870	305,353	280,300	254,802	228,769	202,291
9530	Transfer to Capital	-	177,000	31,725	43,350	46,484	61,549	18,517
		\$2,274,293	\$2,160,036	\$2,028,361	\$2,027,245	\$2,047,296	\$2,074,725	\$2,048,760

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	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2100	Legal Services	\$1,737	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
3100	Telephone	905	1,300	1,300	1,339	1,379	1,420	1,463
4200	Membership	175	500	500	500	500	500	500
4300	Training	198	990	990	990	990	990	990
4310	Travel & Expenses	8	1,500	1,500	1,500	1,500	1,500	1,500
4900	Other Fees & Services	52	500	500	515	530	546	562
5100	Office Supplies	756	1,200	1,250	1,630	1,211	1,126	1,726
5160	Uniforms & Equipment	812	1,500	1,500	1,545	1,591	1,639	1,688
		\$4,643	\$8,490	\$8,540	\$9,019	\$8,701	\$8,721	\$9,429

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

Description	2016	2017	2018
Sewer Lines Cleaned, (ft.) Inventory: 205,000 ft. as of 2015 Inventory: 218,000 updated 2017	205,000	218,000	218,000
Sewer Lines Videoed, (ft.)	27,950	0	0
GIS: Percentage of service included	50%	70%	70%

Wastewater Collection Expense (51-460)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2210	Engineering Services	\$4,609	\$5,000	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
2390	Utility Locates	752	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	545	500	500	515	530	546	562
3110	Utilities	94	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	5,387	8,000	14,000	14,630	15,288	15,976	16,695
3160	Natural Gas	490	500	500	515	530	546	562
3350	Repairs & Maint Lines	19,190	27,500	28,500	29,355	30,236	31,143	32,077
3430	Repairs - Lift Station	6,003	5,000	5,000	5,000	5,000	5,000	5,000
		\$37,070	\$48,500	\$55,500	\$57,225	\$59,011	\$60,861	\$62,776

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	2016	2017	2018
Total annual energy consumption, kWh	1,274,272 ¹	1,287,600 ⁵	1,300,563 ⁵
Total wastewater treated, MG	435 ²	444 ³	453 ³
kWh / MG Treated	2,929	2,900 ⁴	2,871 ⁴

¹ Xcel Energy Bills

² Plant records

³ 2% growth per Master Plan

⁴ Goal (ultimate goal is 2,300 kwh/MG treated) decreased 1% each year

⁵ kWh/MG treated x total treated MG

Wastewater Treatment Plant Expense (51-461)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2210	Engineering Services	\$7,431	\$10,000	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
2370	Treatment Plant Operator	170,140	190,000	345,000	355,350	366,011	376,991	388,301
2371	Treatment Plant – Chemical Testing	53,109	36,000	37,000	38,110	39,253	40,431	41,644
2372	Treatment Plant – Add. Services	18,198	15,000	15,500	15,965	16,444	16,937	17,445
2373	State Permits	10,591	11,000	11,000	11,330	11,670	12,020	12,381
3100	Telephone	2,775	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	14,370	19,000	20,000	21,000	22,050	23,153	24,311
3150	Electricity (net)	113,786	124,000	128,000	134,400	141,120	148,176	155,585
3160	Natural Gas	771	5,000	2,000	2,060	2,122	2,186	2,252
3340	Repairs & Maintenance - WWTP	68,971	62,500	62,500	65,313	68,252	71,323	74,533
3341	Process & Instrumentation Maintenance	20,322	20,000	10,000	10,300	10,609	10,927	11,255
3355	Centrifuge & Blower Maintenance	46,670	5,000	25,000	25,000	25,000	25,000	25,000
3390	Sludge Hauling	29,620	42,000	44,000	45,980	48,049	50,211	52,470
5510	Scada Lease	-	-	21,000	21,630	22,279	22,947	23,635
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,357	5,000	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	163,207	190,000	180,000	188,100	196,565	205,410	214,653
5220	Tools & Small Equipment	2,413	3,000	3,000	3,090	3,183	3,278	3,376
7971	Photovoltaic System Lease Payments	36,416	35,439	35,439	35,439	-	-	-
7972	Photovoltaic System II - Purchase Option	-	-	-	-	37,192	-	-
		\$803,077	\$775,939	\$957,439	\$991,607	\$1,028,896	\$1,028,659	\$1,067,100

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	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2400	Auditing Services	\$3,675	\$3,600	\$3,750	\$3,900	\$4,050	\$4,200	\$4,350
2440	Utility Billing	4,185	4,000	4,000	4,000	4,000	4,000	4,000
2490	Investment Fees	1,243	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	174,173	182,169	187,231	194,720	202,509	210,609	219,033
3220	Maint. - Building	1,111	2,000	2,000	2,060	2,122	2,186	2,252
4600	PC/GL Insurance	11,328	12,500	12,500	13,000	13,500	14,000	14,500
5120	Fuel & Vehicle Maintenance	8,274	14,000	14,500	15,153	15,835	16,548	17,293
7730	Bond Principal	67,635	68,888	70,391	71,643	73,146	74,399	75,902
7740	Bond Interest	19,393	18,074	16,730	15,358	13,961	12,534	11,084
9530	Transfer to Capital	116,590	394,000	59,119	581,000	179,969	390,000	307,981
		\$408,117	\$700,531	\$371,521	\$902,134	\$510,392	\$729,776	\$657,695

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, prepare and calculate system development fees for new development projects, promote public awareness of the impact of urban runoff on storm water quality, and participate 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 our 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.
- Eliminate hazards to life and property from flooding.
- Convey storm water runoff through the site in an economical and practical manner.
- Preserve the floodplain areas as natural drainage ways.
- Utilize the drainage ways for recreational and open space purposes.
- Improve the water quality of urban runoff.
- Educate the citizens about storm water runoff and protecting the area's waterways.

Storm Water Administration Expense (52-415)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2100	Legal Services	\$1,528	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2300	Planning Services	29,579	23,000	23,000	23,690	24,401	25,133	25,887
3100	Telephone	604	1,000	1,000	1,030	1,061	1,093	1,126
4200	Memberships	527	1,000	1,200	1,200	1,200	1,200	1,200
4300	Training	132	660	660	660	660	660	660
4310	Travel & Expenses	45	1,000	1,000	1,000	1,000	1,000	1,000
4400	Printing & Binding	-	500	500	500	500	500	500
4900	Other Fees & Services	35	500	500	500	500	500	500
5100	Office Supplies	504	600	800	924	652	572	489
5160	Uniforms & Equipment	510	1,000	1,000	1,030	1,061	1,093	1,126
		\$33,464	\$30,260	\$30,660	\$31,534	\$32,035	\$32,751	\$33,488

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

Description	2016	2017	2018
Time Spent Cleaning Inlets, (Hrs.)	48	100	100
Storm Water Permit Reviewed	6	8	8
Storm Water Permits Reviewed On Time	100%	100%	100%
Number of Town Wide Street Sweeps	5	4	4

Storm Water Storm Drainage Expense (52-480)

Acct #	Description	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2210	Engineering Services	\$4,029	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
2390	Utility Locates	752	1,000	1,000	1,030	1,061	1,093	1,126
3350	Repairs & Maintenance - Utility Channels	3,185	3,000	3,000	3,090	3,183	3,278	3,376
3370	Repairs & Maintenance - Reservoir & Ponds	45,460	-	30,000	30,900	31,827	32,782	33,765
3510	Street Sweeping	26,379	30,000	30,000	30,900	31,827	32,782	33,765
5220	Tools & Small Equipment	965	2,000	2,000	2,060	2,122	2,186	2,252
		\$80,760	\$46,000	\$76,000	\$77,980	\$80,020	\$82,121	\$84,284

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	2016 Actual	2017 Budget	2018 Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget	2022 Projected Budget
2400	Auditing Services	\$2,450	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
2440	Utility Billing	1,322	1,300	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	116,115	121,446	124,821	129,814	135,007	140,407	146,023
4600	PC/GL Insurance	7,552	8,000	8,250	8,500	8,750	9,000	9,250
5120	Fuel & Vehicle Maint.	5,516	6,000	6,200	6,386	6,578	6,775	6,978
7730	Note Principal	47,925	48,813	49,878	50,765	51,830	52,718	53,783
7740	Note Interest	12,807	12,807	11,855	10,882	9,892	8,882	7,854
9530	Transfer to Capital	-	65,000	44,536	44,339	41,088	36,546	28,540
		\$194,982	\$265,866	\$249,340	\$254,486	\$256,945	\$258,128	\$256,228

SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION SMD#1-6
SERIES 2017

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 2018

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 2018 Budget to the Board on August 25, 2017 for the Board's consideration;

WHEREAS, the proposed SMD#1 2018 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 November 27, 2017 and interested persons were given the opportunity to register objections to the 2018 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 2018 SMD#1 Budget:

Water Operating	\$3,329,400
Water Capital	1,250,500
Sewer Operating	1,393,000
Sewer Capital	1,010,000
Storm Drainage Operating	356,000
Storm Drainage Capital	275,000
Total	<u>\$7,613,900</u>

Section 2. The 2018 SMD#1 Budget, as submitted to the Board, is hereby approved and adopted as the budget of the Superior Metropolitan District No. 1 for 2018.

Section 3. For the Superior Metropolitan District No. 1 for 2018, the following sums are hereby appropriated from the revenue of each fund, to each fund, for the purposes stated:

Water Operating	\$3,329,400
Water Capital	1,250,500
Sewer Operating	1,393,000
Sewer Capital	1,010,000
Storm Drainage Operating	356,000
Storm Drainage Capital	275,000
Total	<u>\$7,613,900</u>

ADOPTED this 27th day of November, 2017.



Clint Folsom, President

ATTEST



SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION NO. SMD#1-7
SERIES 2017

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, 2018

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, 2018; and

WHEREAS, the Board of Directors held a properly-noticed public hearing on the proposed increases on November 27, 2017.

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, 2018. Until that time, the existing rates and fees shall remain applicable.

ADOPTED this 27th day of November, 2017.

Clint Folsom

Clint Folsom, President

ATTEST:

Phyllis L. Hardin
Phyllis L. Hardin Secretary



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