

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.
- Strive to have monthly SMD1 utility costs be competitive when compared to neighboring utilities.

Performance Measures

Description	2015	2016	2017
Monthly utility accounts serviced	3,756 ¹	3,805 ²	3,908 ²
Monthly disconnect notices	180 ³	185	185
Monthly water disconnects	3 ⁴	5 ⁴	2 ⁴
% of water quality standards met	100%	100%	100%
Average winter monthly water/sewer cost			
- Superior	\$53.83 ⁵	\$56.52 ⁵	\$58.56 ⁷
- Neighboring Utilities (Louisville, Lafayette, Erie)	\$51.35 ⁶	\$55.76 ⁵	\$65.15 ⁷
Average summer monthly water/sewer cost			
- Superior	\$102.88 ⁵	\$108.02 ⁵	\$111.35 ⁷
- Neighboring Utilities	\$103.90 ⁶	\$116.18 ⁵	\$136.65 ⁷

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 Budget/Utility rates comparison

⁶ From 2015 Budget/Utility rates comparison

⁷ Based on Superior 2.5% water and 5.0% sewer fee increase and neighboring utilities estimated 2017 increase

Water Administration Expense (50-415)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2100	Legal Services	\$3,215	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
2760	GIS Services	2,720	-	-	-	-	-	-
3100	Telephone	1,854	2,000	2,000	2,060	2,122	2,186	2,252
4200	Memberships	765	1,250	1,000	1,030	1,061	1,093	1,126
4300	Training	777	1,450	1,650	1,650	1,650	1,650	1,650
4310	Travel & Expenses	36	2,150	2,500	2,500	2,500	2,500	2,500
4400	Printing and Binding	2,186	2,500	2,500	2,500	2,500	2,500	2,500
4900	Other Fees & Services	545	600	500	500	500	500	500
5100	Office Supplies	1,277	1,350	1,250	1,788	2,092	1,405	1,197
5160	Uniforms & Equipment	2,103	2,000	2,000	2,060	2,122	2,186	2,252
6110	Software	-	2,000	2,000	2,060	2,122	2,186	2,252
8220	Water Conservation	15,960	20,000	20,000	20,000	20,000	20,000	20,000
		\$31,438	\$37,800	\$37,900	\$38,648	\$39,169	\$38,706	\$38,729

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	2015	2016	2017
Water Supply Plan	Plan Implementation	Plan Implementation	Plan Implementation
Potable Water Interconnect	Construction	Complete	Operational
Maintain Conservation Plan	Update	Update	Update
NCWCD Pump Station Upgrades	New VFD's Installed	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	2015¹	2016²	2017²
Potable	1,384	1,412	1,440
Raw ³	92	94	96
Reuse ⁴	465	474	484
TOTAL	1,941	1,980	2,020

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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
5520	Windy Gap Carriage & Power	\$137,464	\$150,000	\$155,000	\$161,975	\$169,264	\$176,881	\$184,841
5530	CBT Assessment	74,672	87,776	96,600	106,300	117,000	128,700	141,600
5541	FRICO Assessment	1,634	1,600	2,000	2,000	2,000	2,000	2,000
5560	CBT - Carry Over	-	11,500	12,000	12,540	13,104	13,694	14,310
5570	Windy Gap Reservoir Maintenance	-	10,250	-	-	-	-	-
5570	Windy Gap Admin/Fixed O&M Costs	64,500	54,000	54,000	55,620	57,289	59,008	94,778
5571	SPWRAP Assessment	-	36,000	2,500	2,500	2,500	2,500	2,500
6710	Water Rights - Legal & Other	25,762	25,000	26,000	27,000	28,000	29,000	30,000
6730	Windy Gap Payment	310,313	318,750	-	-	-	-	-
6750	SWSP Pipeline	149,344	150,000	155,000	159,650	164,440	169,373	174,454
		\$763,689	\$844,876	\$503,100	\$527,585	\$553,597	\$581,156	\$644,483

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	2015	2016	2017
Average daily production, million gallons per day (MGD)	1.24 ¹	1.26 ⁴	1.29 ⁴
Total potable water consumption, MG (Ac-Ft)	397 ² (1,219)	399 ³ (1,225)	399 ³ (1,225)
Total non-potable water consumption, MG (Ac-Ft)	168 ² (516)	188 ³ (577)	184 ³ (564)

Description	2015	2016	2017
Total Energy Consumption, kWh	360,291 ¹	412,077 ³	404,390 ³
Total Water Treated, MG (Ac-Ft)	451 ¹	460 ⁴	469 ⁴
kWh / MG Treated	799	895	862

¹ Water treatment plant records (REC annual report)

² Utility Billing

³ Average past 3 years

⁴ Based on 2% growth per master plan

Water Treatment Expense (50-451)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2210	Engineering Services	\$2,603	\$-	\$-	\$-	\$-	\$-	\$-
2370	Treatment Plant Operator	164,895	158,000	170,000	175,100	180,353	185,764	191,337
2371	Treatment Plant – Chemical Testing	18,729	21,200	21,000	21,630	22,279	22,947	23,635
2372	Treatment Plant – Add. Services	8,647	9,000	10,000	10,300	10,609	10,927	11,255
2373	State Permit & Calibration	9,352	12,500	12,500	12,875	13,261	13,659	14,069
3100	Telephone	2,695	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	360	1,000	1,000	1,000	1,000	1,000	1,000
3150	Electricity	37,003	47,000	40,000	41,400	42,436	44,349	45,901
3160	Natural Gas	3,437	6,200	4,500	4,700	4,900	5,100	5,300
3340	Repairs & Maintenance - WTP	30,085	40,000	40,000	41,200	42,849	43,709	45,020
3341	Process & Instrumentation Maintenance	13,270	13,000	13,000	13,390	13,792	14,206	14,632
3390	Solids Hauling	-	30,000	50,000	52,250	54,601	35,000	36,575
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,108	5,150	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	18,840	60,000	65,000	67,925	70,982	74,176	77,514
5220	Tools & Small Equipment	4,331	5,000	5,000	5,150	5,305	5,464	5,628
7971	Photovoltaic System Lease Payments – Phase I & II	47,169	35,439	35,439	35,439	35,439	-	-
7972	Photovoltaic System II - Purchase Option	-	-	-	-	-	37,192	-
		\$365,524	\$446,489	\$475,439	\$490,599	\$506,294	\$502,235	\$480,870

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	2015	2016	2017
Potable Water Meters Replaced Inventory: 3,370 ¹	45	130	130
GIS: Percentage of service included	50%	60%	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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2210	Engineering Services	\$5,854	\$8,700	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
2390	Utility Locates	1,144	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	750	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	45,865	60,000	55,000	57,475	60,061	62,764	65,588
3350	Repairs & Maint - Potable Lines	233,079	55,000	60,000	62,700	65,522	68,470	71,551
3360	Repairs & Maint - Irrigation Lines	33,855	20,000	25,000	26,125	27,301	28,530	29,814
3370	Repairs & Maint - Reservoir & Ponds	198	2,600	5,000	5,150	5,305	5,464	5,628
5610	Water Meters	67,338	37,500	70,000	70,900	90,900	90,900	78,900
		\$388,083	\$185,800	\$227,000	\$234,710	\$261,820	\$269,241	\$264,988

WATER – NON-DEPARTMENTAL

Program Description

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

Water Non-Departmental Expense (50-490)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2400	Auditing Services	\$5,825	\$6,250	\$6,500	\$6,750	\$7,000	\$7,250	\$7,500
2440	Utility Billing	10,629	12,000	12,000	12,000	12,000	12,000	12,000
2450	Note Issuance Costs	115,576	-	-	-	-	-	-
2460	Bank Fees	-	100	100	100	100	100	100
2490	Investment Fees	10,873	13,000	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	1,650
2650	Administrative Fee	288,637	300,182	303,616	315,761	328,391	341,527	355,188
4600	PC/GL Insurance	17,702	19,000	20,000	21,000	22,000	23,000	24,000
4800	Studies	-	-	25,000	-	-	-	-
5120	Fuel and Vehicle Maintenance	14,500	11,000	15,000	15,675	16,380	17,117	17,887
7730	Note Principal	992,124	1,234,440	1,257,300	1,284,732	1,307,592	1,335,024	1,357,884
7740	Note Interest	1,010,943	353,941	329,870	305,353	280,300	254,802	228,769
9530	Transfer to Capital	-	474,500	177,000	211,115	796,748	327,400	228,072
		\$2,468,459	\$2,426,063	\$2,160,036	\$2,186,136	\$2,784,161	\$2,331,870	\$2,245,050

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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2100	Legal Services	\$170	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2760	GIS	1,872	-	-	-	-	-	-
3100	Telephone	1,314	1,200	1,300	1,339	1,379	1,420	1,463
4200	Membership	42	1,500	500	500	500	500	500
4300	Training	604	870	990	990	990	990	990
4310	Travel & Expenses	21	1,290	1,500	1,500	1,500	1,500	1,500
4900	Other Fees & Services	520	500	500	515	530	546	562
5100	Office Supplies	738	1,250	1,200	1,536	1,732	1,334	1,224
5160	Uniforms & Equipment	1,020	1,500	1,500	1,545	1,591	1,639	1,688
		\$6,301	\$9,110	\$8,490	\$8,925	\$9,222	\$8,929	\$8,927

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	2015	2016	2017
Sewer Lines Cleaned, (ft.) Inventory: 205,000 ft.	205,000	205,000	205,000
Sewer Lines Videoed, (ft.)	27,950	28,050	0
GIS: Percentage of service included	50%	65%	70%

Wastewater Collection Expense (51-460)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2210	Engineering Services	\$6,238	\$5,000	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
2390	Utility Locates	1,004	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	657	500	500	515	530	546	562
3110	Utilities	-	-	1,000	1,030	1,061	1,093	1,126
3150	Electricity	5,960	8,000	8,000	8,360	8,736	9,129	9,540
3160	Natural Gas	448	500	500	515	530	546	562
3350	Repairs & Maint Lines	19,977	26,500	27,500	28,325	39,175	30,050	30,952
3430	Repairs - Lift Station	34,968	4,500	5,000	5,000	5,000	5,000	5,000
		\$69,252	\$46,000	\$48,500	\$49,925	\$51,398	\$52,921	\$54,496

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.

Description	2015	2016	2017
Total annual energy consumption, kWh	1,275,157 ¹	1,288,805 ⁵	1,301,874 ⁵
Total wastewater treated, MG	428 ²	437 ³	446 ³
kWh / MG Treated	2,979	2,949 ⁴	2,919 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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2210	Engineering Services	\$4,330	\$10,000	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
2370	Treatment Plant Operator	178,632	176,000	190,000	195,700	201,571	207,618	213,847
2371	Treatment Plant – Chemical Testing	44,490	35,000	36,000	37,080	38,192	39,338	40,518
2372	Treatment Plant – Add. Services	19,952	11,000	15,000	15,450	15,914	16,391	16,883
2373	State Permits	9,339	10,500	11,000	11,330	11,670	12,020	12,381
3100	Telephone	2,608	2,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	16,735	18,000	19,000	19,950	20,948	21,995	23,095
3150	Electricity (net)	113,547	130,000	124,000	128,340	132,832	137,481	142,293
3160	Natural Gas	1,115	7,500	5,000	5,150	5,305	5,464	5,628
3340	Repairs & Maintenance - WWTP	45,143	60,000	62,500	65,313	68,252	71,323	74,533
3341	Process & Instrumentation Maintenance	19,045	13,500	20,000	20,600	21,218	21,855	22,511
3355	Centrifuge & Blower Maintenance	18,609	-	5,000	-	4,000	-	-
3390	Sludge Hauling	28,114	40,000	42,000	43,890	45,865	47,929	50,086
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,108	5,150	5,000	5,150	5,305	5,464	5,628
5140	Chemicals	158,416	180,000	190,000	198,550	207,485	216,822	226,579
5220	Tools & Small Equipment	3,217	2,000	3,000	3,090	3,183	3,278	3,376
7971	Photovoltaic System Lease Payments – Phase I & II	47,169	35,439	35,439	35,439	35,439	-	-
7972	Photovoltaic System II - Purchase Option	-	-	-	-	-	37,192	-
		\$714,569	\$736,089	\$775,939	\$798,422	\$830,971	\$858,375	\$851,989

WASTEWATER – NON-DEPARTMENTAL

Program Description

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

Wastewater Non-Departmental Expense (51-490)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2400	Auditing Services	\$3,495	\$3,500	\$3,600	\$3,750	\$3,900	\$4,050	\$4,200
2440	Utility Billing	3,662	4,000	4,000	4,000	4,000	4,000	4,000
2450	Note Issuance Costs	6,332	-	-	-	-	-	-
2490	Investment Fees	1,145	1,200	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	173,182	180,109	182,169	189,456	197,034	204,915	213,112
3220	Maint. - Building	178	2,500	2,000	2,060	2,122	2,186	2,252
4600	PC/GL Insurance	10,621	12,250	12,500	13,000	13,500	14,000	14,500
5120	Fuel & Vehicle Maintenance	8,845	11,500	14,000	14,630	15,288	15,976	16,695
7730	Bond Principal	54,359	67,635	68,888	70,391	71,643	73,146	74,399
7740	Bond Interest	53,774	19,392	18,074	16,730	15,358	13,961	12,534
9530	Transfer to Capital	-	636,900	394,000	1,050,000	336,000	233,000	849,800
		\$315,593	\$938,986	\$700,531	\$1,365,317	\$660,145	\$566,534	\$1,192,792

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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2100	Legal Services	\$82	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2300	Planning Services	22,062	21,500	23,000	23,690	24,401	25,133	25,887
2760	GIS Service	1,629	-	-	-	-	-	-
3100	Telephone	742	800	1,000	1,030	1,061	1,093	1,126
4200	Memberships	528	1,200	1,000	1,200	1,200	1,200	1,200
4300	Training	127	580	660	660	660	660	660
4310	Travel & Expenses	14	860	1,000	1,000	1,000	1,000	1,000
4400	Printing & Binding	-	500	500	500	500	500	500
4900	Other Fees & Services	-	500	500	500	500	500	500
5100	Office Supplies	587	700	600	818	943	671	591
5160	Uniforms & Equipment	704	700	1,000	1,030	1,061	1,093	1,126
		\$26,475	\$28,340	\$30,260	\$31,428	\$32,326	\$32,850	\$33,590

STORM WATER – STORM DRAINAGE

Program Description

The storm drainage program provides operation and maintenance of storm sewer mains, open natural 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 and practical 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	2015	2016	2017
Time Spent Cleaning Inlets, (Hrs.)	48	100	100
Storm Water Permit Reviewed	6	6	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	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2210	Engineering Services	\$5,695	\$5,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
2390	Utility Locates	804	500	1,000	1,030	1,061	1,093	1,126
3350	Repairs & Maintenance - Utility Channels	156	3,000	3,000	3,090	3,183	3,278	3,376
3370	Repairs & Maintenance - Reservoir & Ponds	20,064	60,000	-	-	-	-	-
3510	Street Sweeping	36,414	30,000	30,000	30,900	31,827	32,782	33,765
5220	Tools & Small Equipment	1,283	1,000	2,000	2,060	2,122	2,186	2,252
		\$64,416	\$99,500	\$46,000	\$47,080	\$48,193	\$49,339	\$50,519

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 pool, transfer to storm maintenance capital projects and general costs such as insurance and some supplies.

Storm Water Non-Departmental Expense (52-490)

Acct #	Description	2015 Actual	2016 Budget	2017 Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
2400	Auditing Services	\$2,330	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
2440	Utility Billing	1,156	1,300	1,300	1,300	1,300	1,300	1,300
2450	Note Issuance	4,487	-	-	-	-	-	-
2650	Administrative Fee	115,455	120,073	121,446	126,304	131,356	136,610	142,074
4600	PC/GL Insurance	7,081	7,250	8,000	8,250	8,500	8,750	9,000
5120	Fuel & Vehicle Maint.	5,800	4,300	6,000	6,180	6,365	6,556	6,753
7730	Note Principal	38,518	47,925	48,813	49,878	50,765	51,830	52,718
7740	Note Interest	38,103	13,741	12,807	11,855	10,882	9,892	8,882
9530	Transfer to Capital	-	40,000	65,000	70,000	65,000	65,000	60,000
		\$212,930	\$237,089	\$265,866	\$276,267	\$276,668	\$282,438	\$283,227

SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION SMD#1-8
SERIES 2016

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SUPERIOR METROPOLITAN DISTRICT NO. 1 ADOPTING A BUDGET AND APPROPRIATING SUMS OF MONEY IN THE AMOUNTS AND FOR THE PURPOSES AS SET FORTH BELOW FOR THE SUPERIOR METROPOLITAN DISTRICT NO. 1 FOR THE 2017 BUDGET YEAR

WHEREAS, the Board of Directors for the Superior Metropolitan District No. 1 (SMD#1) has appointed the 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 a proposed budget to the Board on August 2, 2016 for the Board's consideration;

WHEREAS, the proposed budget was open for inspection by the public at the Superior Town Hall, 124 E. Coal Creek Drive, Superior, Colorado;

WHEREAS, upon due and proper public notice, a public hearing was held on October 10, 2016 and interested persons were given the opportunity to file or register any objections to the 2017 SMD#1 Budget;

WHEREAS, whatever increase may have been made in the expenditures, like increases were added to the revenues so that the Budget remains in balance, as required by law; 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 2017 SMD#1 Budget:

Water Operating	\$3,403,475
Water Capital	1,102,000
Sewer Operating	1,533,460
Sewer Capital	394,000
Storm Drainage Operating	342,126
Storm Drainage Capital	250,000
Total	<u>\$7,025,061</u>

Section 2. The 2017 SMD#1 Budget, as submitted to the Board of Directors, is hereby approved and adopted as the budget of the Superior Metropolitan District No. 1 for the year 2017.

Section 3. For the Superior Metropolitan District No. 1 for the year 2017, the following sums are hereby appropriated from the revenue of each fund, to each fund, for the purposes stated:

Water Operating	\$3,403,475
Water Capital	1,102,000
Sewer Operating	1,533,460
Sewer Capital	394,000
Storm Drainage Operating	342,126
Storm Drainage Capital	250,000
Total	<u>\$7,025,061</u>

ADOPTED this 10th day of October, 2016.



 Clint Folsom, President

ATTEST

 **SEAL**



 Phyllis S. Hord, Secretary

SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION NO. SMD#1-9
SERIES 2016

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 JANUARY 1, 2017

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 January 1, 2017; and

WHEREAS, the Board of Directors held a properly-noticed public hearing on the proposed increases on October 10, 2016.

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 January 1, 2017. Until that time, the existing rates and fees shall remain applicable.

ADOPTED this 10th day of October, 2016.

Clint Folsom

Clint Folsom, President

ATTEST:



Phyllis L. Hasdin
Phyllis L. Hasdin, Secretary

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