

SUPERIOR METROPOLITAN DISTRICT NO. 1

Superior Metropolitan District (SMD) No. 1 provides water (potable and non-potable), waste water, and storm water service to residents within the Town of Superior. SMD No. 1 operates the water and waste water 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 state of the art 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, waste water and storm water funds include:

Water

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

Waste Water

- Administration
- Waste Water Collection
- Waste Water 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.
- Strive to have monthly SMD1 utility costs be competitive when compared to neighboring utilities.

Performance Measures

Description	2014	2015	2016
Monthly utility accounts serviced	3,730 ¹	3,805 ²	3,805 ²
Monthly disconnect notices	180 ³	185	185
Monthly water disconnects	6 ⁴	5 ⁴	5 ⁴
% of water quality standards met	100%	100%	100%
Average Winter monthly water/sewer cost			
- Superior	\$51.25 ⁵	\$53.87 ⁵	\$56.52 ⁶
- Neighboring Utilities (Louisville, Lafayette, Erie)	\$51.35 ⁵	\$54.69 ⁵	\$61.94 ⁶
Average Summer monthly water/sewer cost			
- Superior	\$97.95 ⁵	\$102.85 ⁵	\$108.02 ⁶
- Neighboring Utilities	\$103.90 ⁵	\$108.20 ⁵	\$127.88 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 2015 Budget/Utility rates comparison

⁶ Based on Superior 5% Fee increase for water and sewer service, neighboring utilities estimated 2016 increase

Water Administration Expense (50-415)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2100	Legal Services	\$802	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
2760	GIS Services	2,270	4,000	-	-	-	-	-
3100	Telephone	1,676	2,000	2,000	2,060	2,122	2,186	2,252
4200	Memberships	945	1,250	1,250	1,288	1,327	1,367	1,408
4300	Training	63	1,450	1,450	1,450	1,450	1,450	1,450
4310	Travel & Expenses	81	2,150	2,150	2,150	2,150	2,150	2,150
4400	Printing and Binding	2,292	2,500	2,500	2,500	2,500	2,500	2,500
4900	Other Fees & Services	59	600	600	600	600	600	600
5100	Office Supplies	1,621	1,550	1,350	1,391	1,933	2,491	3,066
5160	Uniforms & Equipment	1,394	2,000	2,000	2,060	2,122	2,186	2,252
6110	Software	-	-	2,000	2,060	2,122	2,186	2,252
8220	Water Conservation	17,062	20,000	20,000	20,000	20,000	20,000	20,000
		\$28,265	\$40,000	\$37,800	\$38,059	\$38,826	\$39,616	\$40,430

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	2014	2015	2016
Water Supply Plan	Plan Implementation	Plan Implementation	Plan Implementation
Potable Water Interconnect	Design Contract	Construction	Construction
Maintain Conservation Plan	Update	Update	Update
NCWCD Pump Station Upgrades	Install new impellers	Upgrade controls	Upgrade controls

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	2014¹	2015²	2016²
Potable	1,364	1,391	1,418
Raw ³	207	211	215
Reuse ⁴	394	402	410
TOTAL	1,965	2,004	2,043

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	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
5520	Windy Gap Carriage & Power	\$118,251	\$182,875	\$150,000	\$156,750	\$163,804	\$171,175	\$178,878
5530	CBT Assessment	63,440	78,700	87,776	96,600	106,300	117,000	128,700
5541	FRICO Assessment	1,634	1,600	1,600	1,600	1,600	1,600	1,600
5560	CBT - Carry Over	12,688	11,000	11,500	12,018	12,559	13,124	13,715
5570	Windy Gap Reservoir Maintenance	-	10,500	10,250	-	-	-	34,000
5570	Windy Gap Admin/Fixed O&M Costs	63,000	54,000	54,000	55,620	57,289	59,008	60,778
5571	SPWRAP Assessment	-	-	36,000	2,500	2,500	2,500	2,500
6710	Water Rights - Legal & Other	23,455	24,300	25,000	26,000	27,000	28,000	29,000
6730	Windy Gap Payment	315,234	310,000	318,750	-	-	-	-
6750	SWSP Pipeline	175,869	176,000	150,000	154,500	159,135	163,909	168,826
		\$773,571	\$848,975	\$844,876	\$505,588	\$530,187	\$556,316	\$617,997

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	2014	2015	2016
Average daily production, million gallons per day (MGD)	1.06 ¹	1.08 ⁴	1.10 ⁴
Total potable water consumption, MG (Ac-Ft)	402 ² (1,234)	421 ³ (1,292)	407 ³ (1,249)
Total non-potable water consumption, MG (Ac-Ft)	196 ² (601)	223 ³ (685)	206 ³ (632)

Description	2014	2015	2016
Total Energy Consumption, kWh	380,274	382,000 ³	360,000 ³
Total Water Treated, MG (Ac-Ft)	446 ¹	455 ⁴	464 ⁴
kWh / MG Treated	852	839	776

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	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2210	Engineering Services	\$5,840	\$6,800	\$-	\$-	\$-	\$-	\$-
2370	Treatment Plant Operator	138,051	153,470	158,000	162,740	167,622	172,651	177,831
2371	Treatment Plant – Chemical Testing	14,950	20,600	21,200	21,836	22,491	23,166	23,861
2372	Treatment Plant – Add. Services	9,113	8,700	9,000	9,270	9,548	9,834	10,129
2373	State Permit & Calibration	-	6,000	12,500	12,875	13,261	13,659	14,069
3100	Telephone	2,834	3,000	3,000	3,090	3,183	3,278	3,376
3110	Utilities	345	500	1,000	1,000	1,000	1,000	1,000
3150	Electricity	35,917	45,500	47,000	48,645	50,348	52,110	53,934
3160	Natural Gas	3,217	6,000	6,200	6,400	6,600	6,800	7,000
3340	Repairs & Maintenance - WTP	37,563	25,000	40,000	41,200	42,436	43,709	45,020
3341	Process & Instrumentation Maintenance	-	13,000	13,000	13,390	13,792	14,206	14,632
3390	Solids Hauling	-	52,250	30,000	31,350	32,761	34,235	35,776
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	4,388	5,000	5,150	5,305	5,464	5,628	5,797
5140	Chemicals	53,439	57,000	60,000	62,700	65,522	68,470	71,551
5220	Tools & Small Equipment	5,620	5,000	5,000	5,150	5,305	5,464	5,628
7971	Photovoltaic System Lease Payments – Phase I & II	47,169	46,179	35,439	35,439	35,439	35,439	-
7972	Photovoltaic System-Purchase Option	-	39,930	-	-	-	-	37,192
		<u>\$358,446</u>	<u>\$493,929</u>	<u>\$446,489</u>	<u>\$460,390</u>	<u>\$474,772</u>	<u>\$489,649</u>	<u>\$506,796</u>

WATER – STORAGE & DISTRIBUTION

Program Description

The water storage & distribution division stores and distributes 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	2014	2015	2016
Potable Water Meters Replaced Inventory: 3,370 ¹	130	130	130
GIS: Percentage of service included	50%	50%	50%
Update Pump Station Controls (3 pump stations in operation)	2	2	2
Potable Water Tanks Cleaned/Service Inventory: 3	0	1	1

¹ Utility billing

Water Storage & Distribution Expense (50-452)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2210	Engineering Services	\$2,369	\$8,400	\$8,700	\$8,961	\$9,230	\$9,507	\$9,792
2390	Utility Locates	1,572	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	766	1,000	1,000	1,030	1,061	1,093	1,126
3150	Electricity	43,394	41,500	60,000	62,700	65,522	68,470	71,551
3350	Repairs & Maint - Potable Lines	76,526	57,500	55,000	57,475	60,061	62,764	65,588
3360	Repairs & Maint - Irrigation Lines	15,118	10,500	20,000	20,900	21,841	22,824	23,851
3370	Repairs & Maint - Reservoir & Ponds	5,676	2,500	2,600	2,678	2,758	2,841	2,926
5610	Water Meters	36,130	36,500	37,500	38,625	39,784	40,978	42,207
		<u>\$181,551</u>	<u>\$158,900</u>	<u>\$185,800</u>	<u>\$193,399</u>	<u>\$201,318</u>	<u>\$209,570</u>	<u>\$218,167</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 pool, transfer to water maintenance capital projects and general costs such as insurance and some supplies.

Water Non-Departmental Expense (50-490)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2400	Auditing Services	\$5,800	\$6,000	\$6,250	\$6,500	\$6,750	\$7,000	\$7,250
2440	Utility Billing	9,805	11,000	12,000	12,000	12,000	12,000	12,000
2460	Bank Fees	41	100	100	100	100	100	100
2490	Investment Fees	11,115	12,000	13,000	13,000	5,000	6,000	7,000
2510	Paying Agent Fees	1,650	1,650	1,650	1,650	1,650	1,650	1,650
2650	Administrative Fee	278,935	288,637	300,182	312,189	324,677	337,664	351,171
4600	PC/GL Insurance	18,131	19,000	19,000	20,000	21,000	22,000	23,000
4800	Studies	520	-	-	-	-	-	-
5120	Fuel and Vehicle Maintenance	10,386	10,500	11,000	11,330	11,670	12,020	12,381
7810	Bond Principal	932,688	992,124	1,234,440	1,257,300	1,284,732	1,307,592	1,335,024
7820	Bond Interest	1,107,978	1,070,671	353,941	329,870	305,353	280,300	254,802
9530	Transfer to Capital	394,688	186,250	474,500	252,165	354,346	471,855	533,797
		<u>\$2,771,737</u>	<u>\$2,597,932</u>	<u>\$2,426,063</u>	<u>\$2,216,104</u>	<u>\$2,327,278</u>	<u>\$2,458,181</u>	<u>\$2,538,175</u>

WASTE WATER - ADMINISTRATION

Program Description

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

Waste Water Administration Expense (51-415)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2100	Legal Services	\$111	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2760	GIS	2,250	2,600	-	-	-	-	-
3100	Telephone	1,106	1,200	1,200	1,236	1,273	1,311	1,350
4200	Membership	-	1,500	1,500	1,500	1,500	1,500	1,500
4300	Training	38	870	870	870	870	870	870
4310	Travel & Expenses	138	1,290	1,290	1,290	1,290	1,290	1,290
4900	Other Fees & Services	252	500	500	515	530	546	562
5100	Office Supplies	973	1,350	1,250	1,288	1,627	1,976	2,335
5160	Uniforms & Equipment	842	1,500	1,500	1,545	1,591	1,639	1,688
		\$5,710	\$11,810	\$9,110	\$9,244	\$9,681	\$10,132	\$10,595

WASTE WATER - COLLECTION

Program Description

The waste water collection division collects the waste water from residents of the Town. In addition, the waste water is treated and distributed through a re-use system to irrigate the Town's parks, open space, multi-family and commercial landscaped area. Other services related to this division include repair and maintenance of sewer lines and 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	2014	2015	2016
Sewer Lines Cleaned, (ft.) Inventory: 205,000 ft.	205,000	205,000	205,000
Sewer Lines Videoed, (ft.)	36,400	25,250	41,000
GIS: Percentage of service included	50%	60%	65%

Waste Water Collection Expense (51-460)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2210	Engineering Services	\$405	\$5,200	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628
2390	Utility Locates	922	1,000	1,000	1,030	1,061	1,093	1,126
3100	Telephone	407	500	500	515	530	546	562
3150	Electricity	5,721	7,800	8,000	8,360	8,736	9,129	9,540
3160	Natural Gas	439	500	500	515	530	546	562
3350	Repairs & Maint Lines	3,220	26,000	26,500	27,295	28,114	28,957	29,826
3430	Repairs - Lift Station	2,270	4,500	4,500	4,500	4,500	4,500	4,500
		\$13,384	\$45,500	\$46,000	\$47,365	\$48,776	\$50,235	\$51,744

WASTE WATER TREATMENT PLANT

Program Description

The waste water 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, waste water 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	2014	2015	2016
Total annual energy consumption, kWh	1,127,037 ¹	1,138,785 ⁵	1,147,308 ⁵
Total wastewater treated, MG	387 ²	395 ³	402 ³
kWh / MG Treated	2,912	2,883 ⁴	2,854 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

Waste Water Treatment Plant Expense (51-461)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2210	Engineering Services	\$6,209	\$10,000	\$10,000	\$10,300	\$10,609	\$10,927	\$11,255
2370	Treatment Plant Operator	147,368	171,000	176,000	181,280	186,718	192,320	198,090
2371	Treatment Plant – Chemical Testing	32,508	34,000	35,000	36,050	37,132	38,246	39,393
2372	Treatment Plant – Add. Services	15,938	10,500	11,000	11,330	11,670	12,020	12,381
2373	State Permits	-	10,000	10,500	10,815	11,139	11,473	11,817
3100	Telephone	2,683	2,000	2,000	2,060	2,122	2,186	2,252
3110	Utilities	19,734	15,750	18,000	18,900	19,845	20,837	21,879
3150	Electricity (net)	111,843	126,000	130,000	134,550	139,259	144,133	149,178
3160	Natural Gas	1,372	7,500	7,500	7,725	7,957	8,196	8,442
3340	Repairs & Maintenance - WWTP	68,994	47,000	60,000	62,700	65,522	68,470	71,551
3341	Process & Instrumentation Maintenance	-	13,500	13,500	13,905	14,322	14,752	15,195
3355	Centrifuge Maintenance	-	35,000	-	4,103	-	3,800	-
3390	Sludge Hauling	27,051	23,000	40,000	41,800	43,681	45,647	47,701
3491	Photovoltaic System-WTP - Oper & Maint – Phase I & II	3,988	5,000	5,150	5,305	5,464	5,628	5,797
5140	Chemicals	190,745	167,000	180,000	188,100	196,565	205,410	214,653
5220	Tools & Small Equipment	3,564	2,000	2,000	2,060	2,122	2,186	2,252
7971	Photovoltaic System Lease Payments – Phase I & II	47,169	46,179	35,439	35,439	35,439	35,439	-
7972	Photovoltaic System-Purchase Option	-	39,930	-	-	-	-	37,192
		<u>\$679,166</u>	<u>\$765,359</u>	<u>\$736,089</u>	<u>\$766,422</u>	<u>\$789,566</u>	<u>\$821,670</u>	<u>\$849,028</u>

WASTE 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 sewer maintenance capital projects and general costs such as insurance and some supplies.

Waste Water Non-Departmental Expense (51-490)

Acct #	Description	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2400	Auditing Services	\$3,480	\$3,750	\$3,500	\$3,650	\$3,800	\$3,950	\$4,100
2440	Utility Billing	3,936	4,250	4,000	4,000	4,000	4,000	4,000
2490	Investment Fees	1,170	1,300	1,200	1,200	1,200	1,200	1,200
2650	Administrative Fee	166,161	173,182	180,109	187,313	194,806	202,598	210,702
3220	Maint. - Building	58	2,500	2,500	2,575	2,652	2,732	2,814
4600	PC/GL Insurance	10,729	11,750	12,250	12,750	13,250	13,750	14,250
4800	Studies	1,764	-	-	-	-	-	-
5120	Fuel & Vehicle Maintenance	6,232	11,000	11,500	11,845	12,200	12,566	12,943
7810	Bond Principal	51,102	54,359	67,635	68,888	70,391	71,643	73,146
7820	Bond Interest	60,706	58,662	19,392	18,074	16,730	15,358	13,961
9530	Transfer to Capital	-	271,750	636,900	791,000	400,000	396,000	703,000
		\$305,338	\$592,503	\$938,986	\$1,101,295	\$719,029	\$723,797	\$1,040,116

STORM WATER – ADMINISTRATION

Program Description

This department 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. The department also administers compliance with storm water regulations, prepares and calculates system development fees for new development projects, promotes public awareness of the impact of urban runoff on storm water quality, and participates in regional storm water projects and organizations.

In addition, this division is working 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	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2100	Legal Services	\$111	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
2300	Planning Services	18,052	21,000	21,500	22,145	22,809	23,493	24,198
2760	GIS Service	2,000	1,600	-	-	-	-	-
3100	Telephone	670	800	800	824	849	874	900
4200	Memberships	500	1,200	1,200	1,200	1,200	1,200	1,200
4300	Training	25	580	580	580	580	580	580
4310	Travel & Expenses	27	860	860	860	860	860	860
4400	Printing & Binding	11	500	500	500	500	500	500
4900	Other Fees & Services	16	500	500	500	500	500	500
5100	Office Supplies	648	750	700	721	943	1,171	1,406
5160	Uniforms & Equipment	552	670	700	721	743	765	788
		\$22,612	\$29,460	\$28,340	\$29,051	\$29,984	\$30,943	\$31,932

STORM WATER – STORM DRAINAGE

Program Description

The storm water storm drainage division 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	2014	2015	2016
Time Spent Cleaning Inlets, (Hrs.)	48	100	100
Storm Water Permit Reviewed	3	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	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2210	Engineering Services	\$4,356	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
2390	Utility Locates	682	500	500	515	530	546	562
3350	Repairs & Maintenance - Utility Channels	501	3,000	3,000	3,090	3,183	3,278	3,376
3370	Repairs & Maintenance - Reservoir & Ponds	15,429	26,000	60,000	61,800	63,654	65,564	67,531
3510	Street Sweeping	25,474	25,000	30,000	30,900	31,827	32,782	33,765
5220	Tools & Small Equipment	2,203	1,000	1,000	1,030	1,061	1,093	1,126
		\$48,645	\$60,500	\$99,500	\$102,335	\$105,255	\$108,263	\$111,360

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	2014 Actual	2015 Budget	2016 Budget	2017 Projected Budget	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget
2400	Auditing Services	\$2,320	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
2440	Utility Billing	1,261	1,500	1,300	1,300	1,300	1,300	1,300
2650	Administrative Fee	110,774	115,455	120,073	124,876	129,871	135,066	140,469
4600	PC/GL Insurance	7,152	7,000	7,250	7,500	7,750	8,000	8,250
5120	Fuel & Vehicle Maint.	4,154	4,100	4,300	4,429	4,562	4,699	4,840
7810	Bond Principal	36,210	38,518	47,925	48,813	49,878	50,765	51,830
7820	Bond Interest	43,015	41,567	13,741	12,807	11,855	10,882	9,892
9530	Transfer to Capital	-	4,500	40,000	-	-	-	-
		\$204,886	\$215,140	237,089	\$202,225	\$207,716	\$213,212	\$219,081

**SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION SMD#1-8
SERIES 2015**

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 2016 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 July 30, 2015 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 26, 2015 and interested persons were given the opportunity to file or register any objections to the 2016 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 2016 SMD#1 Budget:

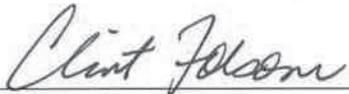
Water Operating	\$3,941,028
Water Capital	1,499,500
Sewer Operating	1,730,185
Sewer Capital	636,900
Storm Drainage Operating	364,929
Storm Drainage Capital	124,600
Total	<u>\$8,297,142</u>

Section 2. The 2016 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 2016.

Section 3. For the Superior Metropolitan District No. 1 for the year 2016, the following sums are hereby appropriated from the revenue of each fund, to each fund, for the purposes stated:

Water Operating	\$3,941,028
Water Capital	1,499,500
Sewer Operating	1,730,185
Sewer Capital	636,900
Storm Drainage Operating	364,929
Storm Drainage Capital	124,600
Total	<u>\$8,297,142</u>

ADOPTED this 26th day of October, 2015.



 Clint Folsom, President

ATTEST



 Phyllis E. Haggard, Secretary

**SUPERIOR METROPOLITAN DISTRICT NO. 1
RESOLUTION NO. SMD#1-9
SERIES 2015**

**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, 2016**

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, 2016; and

WHEREAS, the Board of Directors held a properly-noticed public hearing on the proposed increases on October 26, 2015.

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, 2016. Until that time, the existing rates and fees shall remain applicable.

ADOPTED this 26th day of October, 2015.

Clint Folsom
Clint Folsom, President

ATTEST



Phyllis L. Hardin
Phyllis L. Hardin, Secretary

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