

Town of St Johnsbury

2018/2019 Water and Sewer Budget

Water Budget Expenses

<i>EXPENSE SUMMARY</i>					
<u>Water Fund Expenses</u>	6/30/17 ACTUALS	2017-18 BUDGET	6/30/18 projected	2018-19 BUDGET	% Increase
Water Administration	\$ 93,271	\$ 94,500	\$ 94,319	\$ 94,500	0.00%
Water Distribution	\$ 313,252	\$ 321,806	\$ 319,135	\$ 271,006	-15.79%
Water/Filter Plant	\$ 320,894	\$ 326,282	\$ 322,814	\$ 340,186	4.26%
Water Fund	\$ 415,845	\$ 603,048	\$ 571,377	\$ 598,308	-0.79%
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Total Water Fund Expenses	\$ 1,143,262	\$ 1,345,636	\$ 1,307,645	\$ 1,304,000	-3.09%

Water Budget Revenues

<u>Water Fund</u>	6/30/17 ACTUALS	2017-18 BUDGET	6/30/18 projected	2018-19 BUDGET	% Increase
Water Rent Metered Service	\$ 1,301,417	\$ 1,341,036	\$ 1,280,000	\$ 1,299,200	-3.12%
Water Dept Service	\$ 3,325	\$ 2,000	\$ 1,575	\$ 2,000	0.00%
State & Federal Grants	\$ 22,954	\$ -	\$ 20,000	\$ -	0.00%
Interest & Dividends	\$ 167	\$ 100	\$ 350	\$ 300	200.00%
Interest Penalties	\$ 3,012	\$ 2,500	\$ 2,100	\$ 2,500	0.00%
Misc. Revenue	\$ 2,474	\$ -	\$ -	\$ -	0.00%
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	\$ 1,333,349	\$ 1,345,636	\$ 1,304,025	\$ 1,304,000	-3.09%

Capital Improvement Projects

Water

	Total Project Cost	Grant	Loan	No Years	Interest Rate	Annual Payment
CSO Water	1,690,000	-	1,690,000	30	-2.50%	\$ 37,150.02
Moose River	850,000	212,500.00	637,500.00	40	2.25%	\$ 24,338.08
Water Filter Plant	4,780,000	2,151,000.00	2,629,000.00	40	3.50%	\$ 123,108.93
Oak Street Drainage	600,000	270,000.00	330,000.00	40	2.50%	\$ 13,145.96
Gilman and Pleasant	800,000	360,000.00	440,000.00	40	4.25%	\$ 23,064.09

Water Rate/Budget Projections

WATER													
	2015 Actuals	2016/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28
Exist. Water Debt	\$ 368,853	\$ 362,856	\$ 354,472	\$ 347,846	\$ 342,026	\$ 335,696	\$ 282,746	\$ 282,477	\$ 270,619	\$ 197,471	\$ 197,471	\$ 197,471	\$ 197,471
Planned Projets													
CSO	\$ -		\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056	\$ 35,056
Moose River	\$ -			\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338	\$ 24,338
Water Filters	\$ -	\$ -			\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109	\$ 123,109
Oak Street Drainage	\$ -	\$ -		\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146	\$ 13,146
Gilman /Pleasant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,064	\$ 23,064	\$ 23,064	\$ 23,064	\$ 23,064	\$ 23,064	\$ 23,064	\$ 23,064
STA Reserve Fund	\$ -	\$ 117,180	\$ 93,750	\$ 95,625	\$ 97,538	\$ 99,488	\$ 101,478	\$ 103,508	\$ 105,578	\$ 107,689	\$ 109,843	\$ 112,040	\$ 114,281
Admin/Water Fund	\$ 15,565	\$ 31,717	\$ 34,300	\$ 34,986	\$ 35,686	\$ 36,399	\$ 37,127	\$ 37,870	\$ 38,627	\$ 39,400	\$ 40,188	\$ 40,992	\$ 41,812
Total Water Fund	\$ 384,418	\$ 511,753	\$ 517,578	\$ 550,997	\$ 670,898	\$ 690,296	\$ 640,065	\$ 642,567	\$ 633,537	\$ 563,273	\$ 566,215	\$ 569,215	\$ 572,276
Administration	\$ 105,040	\$ 105,050	\$ 94,500	\$ 94,500	\$ 96,390	\$ 98,318	\$ 100,284	\$ 102,290	\$ 104,336	\$ 106,422	\$ 108,551	\$ 110,722	\$ 112,936
Water Distribution	\$ 578,285	\$ 388,869	\$ 321,806	\$ 271,006	\$ 276,426	\$ 281,955	\$ 287,594	\$ 293,346	\$ 299,213	\$ 305,197	\$ 311,301	\$ 317,527	\$ 323,877
Water Filter Plant	\$ 286,571	\$ 323,355	\$ 326,282	\$ 340,186	\$ 346,990	\$ 353,930	\$ 361,008	\$ 368,228	\$ 375,593	\$ 383,105	\$ 390,767	\$ 398,582	\$ 406,554
Total	\$ 1,354,314	\$ 1,329,027	\$ 1,260,166	\$ 1,256,689	\$ 1,390,704	\$ 1,424,498	\$ 1,388,951	\$ 1,406,431	\$ 1,412,678	\$ 1,357,997	\$ 1,376,833	\$ 1,396,046	\$ 1,415,643
% Increase in Expenses		-1.90%	-5.46%	-0.28%	9.64%	2.37%	-2.56%	1.24%	0.44%	-4.03%	1.37%	1.38%	1.38%
% Increase in Rates		1.00%	0.00%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.00%	0.00%	0.00%
		1,329,027	1,280,000	1,299,200	1,318,688	1,338,468	1,358,545	1,378,924	1,399,607	1,420,601	1,434,808	1,434,808	1,434,808
Surplus (Deficit)		-	19,834	42,511	(72,016)	(86,030)	(30,405)	(27,507)	(13,071)	62,605	57,974	38,761	19,164
User (150 GPD)	\$ 98.67	\$ 99.66	\$ 99.66	\$ 101.16	\$ 102.67	\$ 104.21	\$ 105.78	\$ 107.36	\$ 108.97	\$ 110.61	\$ 111.71	\$ 111.71	\$ 111.71
Quarterly Increase		\$ 0.99	\$ -	\$ 1.49	\$ 1.52	\$ 1.54	\$ 1.56	\$ 1.59	\$ 1.61	\$ 1.63	\$ 1.11	\$ -	\$ -

Sewer Budget Expenses

<u>Sewer Fund Expenses</u>	6/30/17 ACTUALS	2017-18 BUDGET	6/30/18 projected	2018-19 BUDGET	% Increase
Sewer Administration	\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	0.00%
Sewer Collection	\$ 127,053	\$ 122,457	\$ 120,084	\$ 108,687	-11.24%
Sewer Plant	\$ 750,881	\$ 791,564	\$ 774,359	\$ 794,400	0.36%
Sewer Fund	\$ 290,126	\$ 523,857	\$ 523,757	\$ 539,763	3.04%
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Total Sewer Fund Expenses	\$ 1,224,560	\$ 1,494,378	\$ 1,474,700	\$ 1,499,350	0.33%

Sewer Budget Revenues

<i>SEWER FUND REVENUES</i>					
<u>Sewer Fund</u>	6/30/17 ACTUALS	2017-18 BUDGET	6/30/18 projected	2018-19 BUDGET	% Increase
Sewage Disp Chgs Mtered	\$ 1,458,123	\$ 1,488,829	\$ 1,480,000	\$ 1,495,000	0.41%
State & Federal Grants	\$ 25,640		\$ -	\$ -	0.00%
CSO Contaminated Soil Reimb.					0.00%
Miscellaneous					0.00%
Interest & Dividends	\$ 151	\$ 49	\$ 400	\$ 350	614.29%
Interest Penalties	\$ 8,696	\$ 5,500	\$ 3,500	\$ 4,000	-27.27%
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	\$ 1,492,610	\$ 1,494,378	\$ 1,483,900	\$ 1,499,350	0.33%

Capitol improvement Projects

Wastewater

	Total Project Cost	Grant	Loan	No Years	Interest Rate	Annual Payment
CSO Sewer	2,001,500	-	2,001,500	20	0.00%	\$ 100,074.99
Screw Pump	1,350,000	607,500.00	742,500.00	30	2.13%	\$ 33,738.90
Phase II WW	4,650,000	2,092,500.00	2,557,500.00	30	2.50%	\$ 122,191.32
Gilman and Pleasant	2,500,000	1,125,000.00	1,375,000.00	30	4.25%	\$ 81,947.59

Sewer Rate/Budget Projections

SEWER													
	2015/16	2016/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28
Exist. Sewer Debt	\$ 258,309	\$ 252,548	\$ 244,493	\$ 237,273	\$ 234,573	\$ 225,598	\$ 174,725	\$ 172,863	\$ 163,074	\$ 92,794	\$ 92,794	\$ 92,794	\$ 92,794
Planned Projects													
CSO	\$ -		\$ 96,122	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060	\$ 69,060
Screw Pumps	\$ -	\$ 33,739	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738	\$ 36,738
Phase II WW	\$ -			\$ -	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191	\$ 122,191
Gilman/Pleasant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,948	\$ 81,948	\$ 81,948	\$ 81,948	\$ 81,948	\$ 81,948	\$ 81,948	\$ 81,948
STA Reserve Fund	\$ 133,054	\$ 172,391	\$ 92,000	\$ 93,840	\$ 95,717	\$ 97,631	\$ 99,584	\$ 101,575	\$ 103,607	\$ 105,679	\$ 107,793	\$ 109,949	\$ 112,147
Admin /Sewer Fund			\$ 32,800	\$ 33,456	\$ 34,125	\$ 34,808	\$ 35,504	\$ 36,214	\$ 36,938	\$ 37,677	\$ 38,430	\$ 39,199	\$ 39,983
Budget	\$ 994,213	\$ 1,040,277		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Sewer Fund			\$ 502,153	\$ 470,367	\$ 592,404	\$ 667,974	\$ 619,750	\$ 620,589	\$ 613,556	\$ 546,087	\$ 548,954	\$ 551,879	\$ 554,861
Administration			\$ 56,500	\$ 57,630	\$ 58,783	\$ 59,958	\$ 61,157	\$ 62,381	\$ 63,628	\$ 64,901	\$ 66,199	\$ 67,523	\$ 68,873
Sewer Collection			\$ 122,457	\$ 108,687	\$ 110,861	\$ 113,078	\$ 115,340	\$ 117,646	\$ 119,999	\$ 122,399	\$ 124,847	\$ 127,344	\$ 129,891
Sewer Plant			\$ 791,564	\$ 794,400	\$ 810,288	\$ 826,494	\$ 843,024	\$ 859,884	\$ 877,082	\$ 894,623	\$ 912,516	\$ 930,766	\$ 949,382
Total	\$ 1,385,576	\$ 1,498,955	\$ 1,472,674	\$ 1,431,084	\$ 1,572,336	\$ 1,667,504	\$ 1,639,270	\$ 1,660,500	\$ 1,674,265	\$ 1,628,010	\$ 1,652,516	\$ 1,677,512	\$ 1,703,007
% Increase in Budget		7.56%	-1.78%	-2.91%	8.98%	5.71%	-1.72%	1.28%	0.82%	-2.84%	1.48%	1.49%	1.50%
Proposed Increase		2.50%	0.00%	1.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	0.00%
Proposed Revenue		\$ 1,552,875	\$ 1,480,000	\$ 1,494,800	\$ 1,524,696	\$ 1,555,190	\$ 1,586,294	\$ 1,618,020	\$ 1,650,380	\$ 1,683,388	\$ 1,717,055	\$ 1,717,055	\$ 1,717,055
surplus (deficit)		\$ 53,920	\$ 7,326	\$ 63,716	\$ (47,640)	\$ (112,314)	\$ (52,977)	\$ (42,480)	\$ (23,885)	\$ 55,377	\$ 64,539	\$ 39,544	\$ 14,048
User (150 GPD)	\$ 139.12	\$ 142.60	\$ 142.60	\$ 144.02	\$ 146.90	\$ 149.84	\$ 152.84	\$ 155.89	\$ 159.01	\$ 162.19	\$ 165.44	\$ 165.44	\$ 165.44
Quarterly increase		\$ 3.48	\$ -	\$ 1.43	\$ 2.88	\$ 2.94	\$ 3.00	\$ 3.06	\$ 3.12	\$ 3.18			