

TOWN OF FORT FRANCES

Operations and Facilities Executive Committee

AGENDA - May 3, 2017, 8:30 AM

MEETING - Civic Centre

Session #006

	Page
1. <u>Call to Order</u>	
2. <u>Disclosure of pecuniary interest and the general nature thereof</u>	
3. <u>Approval of Previous Committee Minutes</u>	
3.1 Minutes from the previous meeting on April 17, 2017.	2 - 3
4. <u>Non-agenda Items</u>	
5. <u>New Business</u>	
5.1 March 2017 Drinking Water Systems Monthly Summary Report	4 - 12
6. <u>Outstanding Items</u>	
6.1 Award of Tender 17-OF-05 - Rainy Lake Square	13 - 25
6.2 Award of RFP 17-OF-06 - 5 Year Maintenance Agreement for Municipal Property	26 - 32
7. <u>Information</u>	
7.1 Sewer & Water Data for 2017 - updated April 27, 2017	33
8. <u>Adjourn / Next Meeting Date</u>	

TOWN OF FORT FRANCES

MINUTES

SESSION NO. #005

April 17, 2017

The meeting of Operations & Facilities Executive Committee of the Town of Fort Frances was held in the Civic Centre on April 17, 2017 from 8:30 p.m. to 8:50 p.m.

PRESENT:

ALSO PRESENT:

1. Call to Order

The meeting was called to order at 1:00 p.m.

2. Disclosure of pecuniary interest and the general nature thereof

None

3. Approval of Previous Committee Minutes

3.1 Minutes from the previous meeting on March 22, 2017 - the minutes from the previous meeting were approved as circulated.

4. Non-agenda Items

None

5. Items Referred from Council

5.1 Request dated March 16, 2017 From Boundary Waters Dragon Boat Festival - the administration report was reviewed and approved as recommended.

6. New Business

6.1 Award Tender 17-OF-05 - Rainy Lake Square, Scott Street and Civic Centre Paving Renewal - verbal update - Travis Rob supplied a verbal project update and the next steps were outlined.

6.2 Award Tender 17-PD-04 - Civic Centre, Public Works Building, Sunny Cove, Memorial Sports Centre and Children's Complex Capital Renovation Tender - the administration report was approved as recommended.

6.3 Municipal Access Agreement - Tbaytel Fiber Project - the Operations and Facilities Executive Committee recommends that the Town's lawyer review the agreement prior to execution.

6.4 February 2017 Drinking Water Systems Monthly Summary Report - the February 2017 Drinking Water Systems Monthly Summary Report was reviewed and approved as recommended.

7. Information

7.1 2017 - Tonnage at the Landfill Site - updated April 10, 2017 - the Landfill Statistics as of April 10, 2017 were received and will be forwarded to Council as information only. No action required.

- 7.2 Aircraft Landings 2017 - updated as of April 10, 2017 - the Aircraft Statistics as of April 10, 2017 were reviewed and will be forwarded to Council as information only. No action required.
- 7.3 Fort Frances Wastewater Treatment Facility March 2017 Monthly Report - the Wastewater Facility Monthly Report for March 2017 was reviewed and will be forwarded to Council as information only. No action required.

8. Adjourn / Next Meeting Date

The meeting adjourned at 1:41 p.m.

Executive Committee Chair

T. Rob, Manager of Operations & Facilities

April 27, 2017

Report To: Mayor & Council

From: Travis Rob, Manager of Operations & Facilities

SUBJECT: March 2017 Drinking Water Systems Monthly Summary Report

Please find attached the March 2017 Summary Report on the drinking water systems, prepared by Randy White, Senior WTP Operator.

Your Administration recommends that Operations & Facilities Executive Committee accept the March 2017 report as presented.

Respectfully submitted,
Operations & Facilities Division

Travis Rob, E.I.T.
Manager of Operations & Facilities

Council approval of this report will accept the March 2017 report prior to it being made available to the general public.
--

c.c. – Doug Herr, Environmental & Facilities Supt.
Randy White, Senior WTP Operator

03CouncilwaterreportMarch 2015

March, 2017

**Monthly Summary Report
Water Systems**

**Prepared by: Randy White, ORO
Senior Water Treatment Plant Operator**

Dated: April 18, 2017

1) **Introduction:**

This report contains the major maintenance activities and operational events that occurred during the month of March 2017 at the Water Treatment Plant - Water Works # 220000978 and the Airport Groundwater Well Water Works # 26002736. This information report has been prepared for Council to better understand how the water systems they own and operate are maintained on a monthly basis. Also, this report will assist Council as Directors of the Corporation in exercising its obligation to meet a reasonable Standard of Care as outlined in Section 19 of the Safe Drinking Water Act.

2) **Flow Data:**

Water Treatment Plant: See attached spreadsheet. No flow data for Airport groundwater well.

3) **Microbiological (Health Related) Water Analysis– Main Water System # 220000978:**

Water Treatment Plant (treated): 4 samples taken no adverse results

Water Treatment Plant (raw): 4 samples taken no adverse results

Water Distribution System: 16 samples taken where 25% of samples were tested for heterotrophic plate count HPC no adverse results

We take microbiological samples on a weekly basis, which includes 1 raw sample, 1 treated sample and 4 distribution samples. The 4 distribution samples are taken at different locations throughout the distribution system.

Water distribution samples taken at the following locations:

- | | | | |
|-----------------------|------------------------|---------------------|--------------|
| 1. 740 Scott St. | 2. 1050 Portage Ave. | 3. 901 Wright Ave. | 4. W. Tower |
| 5. 1036 Victoria Ave. | 6. 500 King's Hwy. | 7. 901 Wright Ave. | 8. W. Tower |
| 9. 740 Scott St. | 10. 1050 Portage Ave. | 11. 810 King's Hwy | 12. W. Tower |
| 13. 740 Scott St. | 14. 1036 Victoria Ave. | 15. 901 Wright Ave. | 16. W. Tower |

4) **Microbiological (Health Related) Water Analysis– Airport Groundwater Well # 26002736:**

No samples taken.

The Airport has signs posted in the men's and women's washroom stating that the water has not been tested or treated for drinking purpose in accordance with the Health Protection and Promotion Act – Section 7 of the Small Drinking Water Systems Regulation, O. Reg. 318/08 (*Amended to Safe Drinking Water Act, 2002 - Section 6 of Ontario Regulation 252/05*). The operators do a visual inspection of the

warning notices at a minimum of once per week to ensure that they are legible and comply with Ontario Regulation 318/08, Section 7(5).

5) Free Available Chlorine Residual (FAC) – Main Water System – # 220000978:

FAC residuals are taken at a minimum daily at both the Water Treatment Plant and within the Water Distribution System.

6) Free Available Chlorine residual (FAC) – Airport Groundwater Well System # 26002736:

Signs posted, exempt from testing.

7) Maintenance Activities at the WTP:

Mar. 03rd - calibrated the Distribution Chlorine Analyzer.

Mar. 06th - calibrated the Distribution Chlorine Analyzer.

Mar. 07th - worked on Reservoir No. 1 Influent Valve.

Mar. 08th - calibrated the Distribution Chlorine Analyzer.

Mar. 09th - cleaned top and bottom tanks on the poly unit.
- cleaned all four (4) check valves on the poly unit.

Mar. 10th - worked on Reservoir No. 1 Influent Valve.

Mar. 11th - worked on Reservoir No. 1 Influent Valve.

Mar. 15th - worked on Filter No. 3 Turbidity Meter.

Mar. 21st - installed a new chain on Clarifier No. 1.

Mar. 25th - calibrated Distribution Chlorine Analyzer.

Mar. 27th - worked on Distribution Chlorine Analyzers.

Mar. 29th - worked on Soda Ash line.

Mar. 30th - cleaned top and bottom tanks on the poly unit.
- cleaned all four (4) check valves on the poly unit.
- ran standby generator for approximately one (1) hour.

8) **Water Complaints:**

- Poor Pressure – 0 complaint:
- Water quality – 0 complaint:

9) **Other Miscellaneous Information:**

Mar. 01st - QMS meeting.

Mar. 02nd - received a load of Liquid Alum.

Mar. 06th - took weekly routine micro samples.

Mar. 07th - took annual samples at the plant and water tower.

Mar. 08th - QMS meeting.

Mar. 09th - WHMIS training.
- QMS meeting.

Mar. 14th - took weekly routine micro samples.

Mar. 15th - Lakeside upgrading plant alarms.

Mar. 16th - Lakeside upgrading plant alarms.

Mar. 20th - took weekly routine micro samples.

Mar. 22nd - QMS meeting.

Mar. 28th - took weekly routine micro samples.
- took grab samples off the filters.

Mar. 29th -.commenced the Municipal Lead Testing Program.

10) In order to acknowledge that all levels of responsibility within the Corporation of the Town of Fort Frances have received and reviewed this monthly report, it is necessary to sign-off in the appropriate location below:

- Randy White, ORO, Senior WTP Operator: _____
- Doug Herr, Environmental & Facilities Supt.: _____
- Travis Rob, Manager of Operations & Facilities: _____
- Doug Brown, CAO: _____
- Paul Ryan, Chair O& F Exec Committee: _____
- Roy Avis, Mayor: _____
- June Caul, Councillor: _____
- John Albanese, Councillor: _____
- Wendy Brunetta, Councillor: _____
- Doug Kitowski, Councillor: _____
- Ken Perry, Councillor: _____

Note: Once all signatures have been obtained, the report will be distributed and made available to the public. If you have any questions, please feel free to contact myself or Randy White, Senior WTP Operator at 274-2325.

Monthly Report March 2017

Flow and Operating Data

Flow Data	MARCH	Units	2015		2016		2017	
			Day of the Month		Day of the Month		Day of the Month	
Total Raw Water	m ³			168790		156060		171720
Raw Maximum Day	m ³		Saturday 14th	5970	Friday 25th	5200	Sunday 19th	5760
Raw Minimum Day	m ³		Sunday 01st	4890	Saturday 26th	4500	Saturday 04th	5280
Raw Average Daily Consumption	m ³			5440		5030		5540
* Daily Instantaneous Peak Flow	L/min.							
Total Treated Water	m ³			126450		118060		113560
Treated Water Maximim Day Consumption	m ³		Tuesday 10th	5230	Friday 04th	5040	Friday 31st	4600
Treated Water Minimim Day Consumption	m ³		Sat. 28th & Tues. 31st	3630	Sat. 12th & Sun. 27th	3540	Thursday 23rd	2950
Treated Water Average Day Consumption	m ³			4080		3810		3660
Daily Average Per Household Consumption Rate	m ³			1.08		1.01		0.97
* Daily Average Per Person Consumption Rate	m ³			0.51		0.48		0.46
Monthly Averages - Operating Parameters WTP:								
FAC Residual - Treated Water	mg/L			1.91		2.16		2.22
Total Chlorine Residual - Treated Water	mg/L			2.21		2.46		2.41
Aluminum Sulphate - Raw Water	mg/L			35.6		35.0		35.0
Aluminum Sulphate - Treated Water Residual	mg/L			0.06		0.05		0.05
Fluoride - Treated Water	mg/L			0.60		0.64		0.56
Soda Ash - Raw Water	mg/L			36.4		35.0		35.0
PH - Adjusted	mg/L			7.13		7.27		7.2
Temperature	C			2.6		3.1		2.4
Quantity of Chemical Used:								
Aluminum Sulphate	kg			6000.6		5462.1		6010.2
Polyelectrolyte	kg			75.0		62.5		62.5
Chlorine Gas	kg			614		624		674
Soda Ash - Used for PH Adjustment	kg			6144.7		5462.1		6010.2
Fluoride	kg			363		549		580

* The Canadian Average is 450 Litres (0.45 m³) per day.

* Population is 7986

* Number of Households is 3783

Town of Fort Frances - Water treatment Plant - Water Works # 220000978
Monitoring Record
March 2017

Operating Data	Units	*MAC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Average
		or Range																																	
Flow rates																																			
Raw Water	10^3 M^3	17	5.40	5.33	5.35	5.28	5.37	5.45	5.30	5.62	5.52	5.68	5.47	5.58	5.58	5.63	5.58	5.56	5.63	5.72	5.76	5.33	5.60	5.62	5.62	5.47	5.62	5.63	5.70	5.56	5.58	5.59	5.59	171.72	5.54
Peak Instantaneous - Raw Water	L/s	n/a	62.73	62.76	62.65	62.60	62.57	62.56	62.50	65.96	65.61	65.60	65.70	65.62	65.56	65.55	65.49	65.44	65.58	65.57	65.51	65.53	65.49	65.47	65.48	65.45	65.39	65.41	65.46	65.29	65.34	65.32	65.32	2010.51	64.86
Treated Water	10^3 M^3	17	3.78	3.62	3.66	3.57	3.78	3.87	3.46	3.56	3.48	3.74	3.52	3.86	3.65	3.51	3.35	3.55	3.52	3.29	3.55	3.63	3.58	3.63	2.95	4.21	3.56	3.65	3.87	3.64	3.70	4.22	4.60	113.56	3.663
Peak Instantaneous - Treated Water	L/s	n/a	82.38	80.88	80.94	80.70	82.17	80.22	81.22	82.48	81.40	81.34	80.94	81.27	79.26	79.32	79.58	78.99	79.01	77.49	78.62	79.65	83.70	80.73	81.58	81.75	81.53	82.18	80.90	81.87	81.95	89.95	87.02	2521.02	81.323
BackWash Water	10^3 M^3	n/a	0.234	0.324	0.183	0.261				0.270	0.195			0.527	0.203			0.261	0.209		0.470	0.273		0.205	0.260	0.271	0.207	0.261			0.271			4.885	0.271
Fluoride Information																																			
Fluoride Residual - Treated Water	mg/l	0.5 to 0.8	0.57	0.60	0.61	0.57	0.53	0.50	0.53	0.60	0.56	0.54	0.57	0.56	0.56	0.55	0.53	0.54	0.54	0.57	0.55	0.60	0.57	0.55	0.58	0.60	0.55	0.57	0.58	0.57	0.61	0.58	0.55	17.49	0.56
Turbidity Information																																			
Raw Water	NTU	n/a	0.93	0.89	0.95	0.92	0.99	0.87	0.99	0.92	0.98	0.90	0.92	0.91	0.92	0.93	0.97	0.93	0.99	0.95	0.91	1.01	0.97	0.93	0.91	0.98	1.07	1.01	0.94	1.09	1.11	0.88	1.01	29.68	0.96
Settled Water	NTU	n/a	0.23	0.19	0.19	0.17	0.21	0.18	0.19	0.16	0.19	0.17	0.16	0.18	0.14	0.17	0.16	0.19	0.17	0.18	0.15	0.17	0.19	0.16	0.17	0.19	0.17	0.20	0.16	0.18	0.20	0.19	0.17	5.53	0.18
Treated Water	NTU	1	0.11	0.11	0.10	0.11	0.10	0.11	0.14	0.11	0.13	0.14	0.14	0.14	0.11	0.11	0.12	0.11	0.09	0.11	0.09	0.12	0.12	0.09	0.09	0.11	0.10	0.09	0.10	0.10	0.10	0.14	0.12	3.46	0.11
Other Operating Parameters																																			
pH - Treated Water	no units	6.5 to 8.5	7.17	7.16	7.20	7.19	7.15	7.22	7.22	7.20	7.24	7.19	7.21	7.24	7.23	7.19	7.16	7.19	7.21	7.22	7.25	7.21	7.19	7.20	7.20	7.21	7.20	7.20	7.18	7.19	7.19	7.19	7.15	223.15	7.20
pH - Settled water	no units	n/a	6.60	6.71	6.55	6.69	6.64	6.66	6.65	6.75	6.51	6.57	6.67	6.65	6.59	6.69	6.73	6.67	6.66	6.69	6.61	6.67	6.79	6.79	6.72	6.77	6.70	6.68	6.68	6.71	6.72	6.70	6.77	206.99	6.68
pH - Raw Water	no units	n/a	7.20	7.20	7.15	7.15	7.10	7.22	7.15	7.17	7.19	7.16	7.19	7.14	7.10	7.17	7.06	7.12	7.10	7.15	7.10	7.13	7.15	7.16	7.17	7.15	7.15	7.17	7.21	7.14	7.12	7.12	7.19	221.68	7.15
FAC - Treated Water	mg/l	0.2 to 4	2.34	2.30	2.08	2.20	2.20	2.24	2.28	2.11	2.22	2.19	2.21	2.12	2.11	2.14	2.09	2.05	2.00	1.94	1.96	2.20	2.30	2.32	2.24	2.18	2.36	2.40	2.38	2.22	2.52	2.40	2.43	68.73	2.22
Total Chlorine Residual Treated	mg/l	0.3 to 7	2.48	2.50	2.32	2.38	2.40	2.42	2.40	2.38	2.38	2.34	2.38	2.26	2.28	2.40	2.30	2.22	2.26	2.17	2.19	2.46	2.48	2.44	2.40	2.48	2.56	2.60	2.64	2.48	2.70	2.52	2.59	74.81	2.41
Temperature	C	15	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	73.0	2.4
Fluoride used (Total Daily Consumption)	kg	n/a	20.0	22.0	23.0	19.0	18.0	18.0	18.0	19.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	19.0	18.0	17.0	18.0	18.0	17.0	18.0	19.0	20.0	20.0	19.0	20.0	19.0	19.0	580.0	18.7
Chlorine used (Total Daily Consumption)	kg	n/a	21.0	20.0	20.0	20.0	21.0	20.0	20.0	21.0	22.0	23.0	22.0	22.0	22.0	22.0	22.0	23.0	22.0	22.0	23.0	20.0	22.0	23.0	24.0	21.0	23.0	22.0	22.0	22.0	22.0	23.0	674.0	21.7	
Soda ash (Total Daily Consumption)	kg	n/a	189.0	186.6	187.3	184.8	188.0	190.8	185.5	196.7	193.2	198.8	191.5	195.3	195.3	197.1	195.3	194.6	197.1	200.2	201.6	186.6	196.0	196.7	196.7	191.5	196.7	197.1	199.5	194.6	195.3	195.7	195.7	6010.2	193.9
Soda Ash - Dosage	mg/l	n/a	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	1085.0	35.0
Alum residual - (Total Daily Consumption)	kg	n/a	189.0	186.6	187.3	184.8	188.0	190.8	185.5	196.7	193.2	198.8	191.5	195.3	195.3	197.1	195.3	194.6	197.1	200.2	201.6	186.6	196.0	196.7	196.7	191.5	196.7	197.1	199.5	194.6	195.3	195.7	195.7	6010.2	193.9
Alum residual - Dosage	mg/l	n/a	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	1085.0	35.0
Alum residual - Treated Water	mg/l	0.1	0.06	0.07	0.08	0.07	0.08	0.08	0.08	0.06	0.04	0.02	0.01	0.03	0.04	0.06	0.04	0.04	0.02	0.06	0.05	0.05	0.05	0.04	0.04	0.06	0.05	0.05	0.06	0.07	0.06	0.06	0.04	1.62	0.05
Poly bags added (25 kg bags)	kg									0.5					0.5		0.5					0.5									0.5			62.5	

Maximum Minimum

5.76	5.28
65.96	62.50
4.60	2.95
89.95	77.49
89.95	0.18

0.56 Fluoride - Treated Water

7.20 PH - Adjusted

2.41 Total Chlorine Residual - Treated Water

0.05 Aluminum Sulphate - Treated Water

May 3, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Award of Tender 17-OF-05 – Rainy Lake Square

During the weeks of March 23 and 30, 2017 the Town advertised a tender call for the construction of the Rainy Lake Square. Tender ads were also placed at the Winnipeg and Thunder Bay Construction Associations and posted on the online tender site Merx.

The Tender closed on April 11, 2017 where four contractors submitted bids. The received bids can be seen summarized below:

Contractor	Price (HST Included)
RLM Contracting Ltd Thunder Bay, ON	\$2,690,137.46
J&D Penner Ltd. Oak Bluff, MB	\$2,898,466.18
Daryl's Custom Landscapes/Landale Gardens Fort Frances/Thunder Bay, ON	\$3,540,703.70
Manshield Construction Thunder Bay, ON	\$3,765,790.24

The works includes not only the construction of the Rainy Lake Square but the replacement of the brick sidewalk along the 200 block of Scott Street and the block entry sidewalks at the Town of Fort Frances Civic Centre. The submitted bids were reviewed and found to all be compliant and complete, further all bids were received over the allocated budget of the works. The scope of works was then reviewed and some aspects of the jobs were removed from scope to bring the works closer in line with the budget allocations. Further to this, specifications on certain aspects of the works were further reviewed and altered where possible to see additional cost savings. Attached to this report you will find a report from Mr. David Bodnarchuk outlining the works removed and adjusted in an effort to reduce the contract cost. The changes in scope were presented to RLM Contracting in a post tender addendum. All of these changes resulted in revised bid of \$2,214,064.80 whereby \$1,785,272.86 is for the Rainy Lake Square, \$357,993.97 is for the 200 Block of Scott Street and \$70,797.97 is for the Civic Centre sidewalk. Included in this cost is \$84,630.00 for the installation of new trees on Scott Street complete with proper structural surrounds to protect buildings and infrastructure, contingency allowances totalling \$92,000.00, material testing allowance of \$5000.00 and the Town's portion of HST.

Given the allocations in the Town's 2017 Capital budget and the costs that are already committed to these projects the total budget allocation available for the completion of the construction is \$1,735,841.73, the following table outlines the costs per project with the three different project cost options.

OPTION #1 - TOTAL PROJECT							
	Budget Allocation (less committed costs)	RML Revised Bid	Portion of Bonds & Insurance	Contingency	Town's portion HST	Total Cost	Cost Overrun
Rainy Lake Square	\$1,393,830.33	\$1,623,651.01	\$60,744.49	\$70,000.00	\$30,877.36	\$1,785,272.86	\$391,442.53
Civic Centre Sidewalk	\$34,315.35	\$65,159.00	\$2,414.48	\$2,000.00	\$1,224.49	\$70,797.97	\$36,482.62
Scott Street Sidewalk	\$307,696.05	\$322,530.30	\$9,271.95	\$20,000.00	\$6,191.72	\$357,993.97	\$50,297.92
TOTAL PROJECT	\$1,735,841.73	\$2,011,340.31	\$72,430.92	\$92,000.00	\$38,293.57	\$2,214,064.80	\$478,223.07

OPTION #2 - TOTAL PROJECT LESS SCOTT STREET TREES							
	Budget Allocation (less committed costs)	RML Revised Bid	Portion of Bonds & Insurance	Contingency	Town's portion HST	Total Cost	Cost Overrun
Rainy Lake Square	\$1,393,830.33	\$1,623,651.01	\$60,744.49	\$70,000.00	\$30,877.36	\$1,785,272.86	\$391,442.53
Civic Centre Sidewalk	\$34,315.35	\$65,159.00	\$2,414.48	\$2,000.00	\$1,224.49	\$70,797.97	\$36,482.62
Scott Street Sidewalk	\$307,696.05	\$237,900.30	\$9,271.95	\$20,000.00	\$4,702.23	\$271,874.48	-\$35,821.57
TOTAL PROJECT	\$1,735,841.73	\$1,926,710.31	\$72,430.92	\$92,000.00	\$36,804.09	\$2,127,945.32	\$392,103.59

OPTION #3 - TOTAL PROJECT LESS SCOTT STREET TREES WITH WATER INFUSION							
	Budget Allocation (less committed costs)	RML Revised Bid	Portion of Bonds & Insurance	Contingency	Town's portion HST	Total Cost	Cost Overrun
Rainy Lake Square	\$1,393,830.33	\$1,598,896.51	\$59,999.61	\$70,000.00	\$30,428.57	\$1,759,324.69	\$365,494.36
Civic Centre Sidewalk	\$34,315.35	\$65,159.00	\$2,414.48	\$2,000.00	\$1,224.49	\$70,797.97	\$36,482.62
Scott Street Sidewalk	\$307,696.05	\$237,900.30	\$9,271.95	\$20,000.00	\$4,702.23	\$271,874.48	-\$35,821.57
TOTAL PROJECT	\$1,735,841.73	\$1,901,955.81	\$71,686.04	\$92,000.00	\$36,355.30	\$2,101,997.15	\$366,155.42

In discussions with Laurie Lindberg, Treasurer there are some options to deal with the over runs. One option, as depicted above, the water portion of the construction could be funded through the water and sewer reserve funds reducing the totally project cost by \$26,095.81. In 2016 the Town's surplus was \$171,374.00 which is typically invested back into the reserve funds. From this surplus \$170,000.00 can be allocated to this project whereby the remaining cost overrun would be funded from the Corporate Projects Reserve Funds. In addition to this the BIA committed to pay the Town \$10,000.00 per year for a period of 10 years starting in 2017 which could be allocated to paying back a portion of the expense to the Corporate Projects Reserve Fund, see attached report dated March 2, 2016. Also attached to this report is a report from Mr. David Bodnarchuk of Scatliff-Miller-Murray recommending the award of this contract to RLM Contracting Ltd.

The works are scheduled to start ASAP with a completion date for the Rainy Lake Square being August 18, 2017, the Scott Street Sidewalk, September 8, 2017 and the Civic Centre sidewalk being October 2, 2017.

Scatliff-Miller-Murray was approached to provide contract administration services through the project. The additional cost for this service is \$89,770.00 plus applicable HST split over the three projects. Additional funds were allocated in the 2017 Capital Budget for the Rainy Lake Square and are a portion of the budget projections for the Civic Centre and Scott Street Sidewalks. These costs are considered committed costs in the above budget review. Attached to this report is the proposal provided by Scatliff-Miller-Murray for consideration.

Administration recommends the following;

1. That Option #3 – Total Project less Scott Street Trees with Water Infusion portion of Tender 17-OF-05 – 2017 Rainy Lake Square, Scott Street and Civic Centre paving renewal be awarded to RML Contracting Ltd. of Thunder Bay at a cost of \$2,101,997.15 which includes the Town's portion of HST and a contingency allowance of \$92,000.00
2. That the sewer and water works, totalling \$26,095.81 including the portion of bonds and insurance and the Town's portion of HST, be funded by the Sewer and Water Reserves
3. That the remaining budget shortfall of \$366,155.42 be funded by the allocation of \$170,000.00 of the 2016 Surplus and the remaining \$196,155.42 be funded from the Corporate Projects Reserve.
4. That in the near future a public meeting be scheduled to ensure all property owners to be effected by these construction works obtain first-hand knowledge of the project and have the opportunity to ask questions of the contractor
5. That the Town engage Scatliff-Miller-Murray to undertake the contract administration through the construction phase of the project at a cost of \$89,770.00 plus applicable HST
6. That a by-law authorizing the Mayor and Clerk to execute the contract documents with RLM Contracting Ltd. and Scatliff-Miller-Murray on behalf of the corporation of the Town of Fort Frances.

Respectfully Submitted



Travis Rob, EIT
Manager of Operations and Facilities

Council approval of this report will ensure:

- 1. That Option #3 – Total Project less Scott Street Trees with Water Infusion portion of Tender 17-OF-05 – 2017 Rainy Lake Square, Scott Street and Civic Centre paving renewal be awarded to RML Contracting Ltd. of Thunder Bay at a cost of \$2,101,997.15 which includes the Town's portion of HST and a contingency allowance of \$92,000.00**
- 2. That the sewer and water works, totalling \$26,095.81 including the portion of bonds and insurance and the Town's portion of HST, be funded by the Sewer and Water Reserves**
- 3. That the remaining budget shortfall of \$366,155.42 be funded by the allocation of \$170,000.00 of the 2016 Surplus and the remaining \$196,155.42 be funded from the Corporate Projects Reserve.**
- 4. That in the near future a public meeting be scheduled to ensure all property owners to be effected by these construction works obtain first-hand knowledge of the project and have the opportunity to ask questions of the contractor**
- 5. That the Town engage Scatliff-Miller-Murray to undertake the contract administration through the construction phase of the project at a cost of \$89,770.00 plus applicable HST**
- 6. That a by-law authorizing the Mayor and Clerk to execute the contract documents with RLM Contracting Ltd. and Scatliff-Miller-Murray on behalf of the corporation of the Town of Fort Frances.**

Rainy Lake Square, Scott Street and Civic Centre Bid Summary and Review

April 25, 2017

Travis Rob

Manager of Operations & Facilities

Town of Fort Frances

900 Wright Ave

Fort Frances, ON P9A 3J9

Re: Summary of Tender No. 17-OF-05

Good Afternoon Travis,

The purpose of this letter is to provide a summary and short review of the Bid results for Tender No. 17-OF-05. Bids were received on April 11th, 2017 and were opened publically at the Town of Fort Frances Civic Centre after the closing time of 2pm local time. A total of 4 bids were received by RML Contracting (Thunder Bay), J&D Penner (Winnipeg), Darryl's Landscaping (Fort Frances), and Manshield Construction (Thunder Bay).

The Bid Results

The bid results were as follows.

Contractor	IN/OUT	Estimator:	RECEIVED ON TIME	ADDENDA ACCOUNTED FOR	TOTAL BID (GST EXTRA)	% Over Low	% Over Budget **	NOTES
Darryl's Landscaping	IN	Darryl Eyolfson	YES	YES	\$3,133,366.10	131.62%	174.08%	
J&D Penner Ltd.	IN	Ben Green	YES	YES	\$2,565,014.32	107.74%	142.50%	
RML Contracting	IN	Andrew Lindstrom	YES	YES	\$2,380,652.62	100.00%	132.26%	Low Bid.
Manshield Construction	IN	Cody Tomiuk	YES	YES	\$3,332,557.74	139.99%	185.14%	

** Estimated Total Project Budget was carried as roughly \$1.8M.

As noted in the Chart, the low bid came from RML construction with J&D Penner closely behind at roughly 7.7% higher. From there, a large margin separated bids 3 and 4 from Darryl's Landscaping and Manshield respectively. All bids came in higher than expected. Because of their high totals, we recommended that these bids not be considered further.

The Bid Review Process

Our review continued with a check of the qualification statements, subcontractor lists and other bid requirements from the two low bidders. As we saw no issues or red flags, we were able to accept both bids as viable.

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In the next phase of the award process, we worked with the Town of Fort Frances representative to propose substitutions, reductions, and cuts in order to reconcile the overall contract value with the proposed budget. In making cuts our goal was to preserve the primary function and the same aesthetic appeal of the project. Our first action was to assess what items carried the highest and lowest priority. Then, we applied those cuts to the submitted bid forms to see what cost implications they would have. Because each bidder had unique unit prices, the effect on the overall cost was distributed differently. However, many of the cost reductions required input directly from the contractor and so we could not accurately predict this without their involvement. This gave us enough insight to deduce that J&D Penner's cost would not reduce as significantly as the low bidder and so the determination was made to work directly with only the low bidder, RML Construction. We had considered partial awards to take advantage of the best unit prices from each contractor but this proved to be complicated and left a number of unresolved issues that could result in higher costs later on.

After several days of communication with RML, we were able to achieve a lower total contract value that is more in line with the projected budget. If further reductions are needed this may still be possible but perhaps not without compromising the function, aesthetics and vision for the space.

Our formal recommendation will follow this letter.

Per: Scatliff + Miller + Murray

A handwritten signature in black ink, appearing to be 'DB', with a small dot to the right.

David Bodnarchuk
MALA, SALA, CSLA, LEED AP



ADMINISTRATION & FINANCE DIVISION
TREASURY REPORT 2016/14-A

Approved 9/3/2016
[Signature]

TO: Mayor Avis & Members of Council
FROM: Laurie Witherspoon, Treasurer
DATE: March 2, 2016
SUBJECT: BIA Commitment for Rainy Lake Hotel Market Square Project

BACKGROUND

Attached is a copy of a letter to Mayor & Council dated June 5, 2012 from Richard Boileau, Vice-Chair of the BIA Board of Directors outlining their commitment/contribution(s) to the Rainy Lake Hotel Market Square project.

T. Rob, CBO and myself met with Mr. Boileau to review the BIA's commitment to the market Square project. Mr. Boileau will bring forward their commitment at the next Board of Director's meeting for authorization to make payment toward the 2015 demolition, their 2016 contribution and the balance amount for payment over 10 years.

Further on February 25, 2016 I spoke with Richard Boileau, who has confirmed that the BIA will honor their 2012 commitment of \$180,000.00 to the Rainy Lake Hotel/Market Square Project as follows:

1. \$30,000.00 – 2015 demolition
2. \$30,000.00 – 2016 project
3. \$100,000.00 - \$10,000/year for 10 years (2017 to 2026)
4. \$10,000.00 – Advertising \$1,000.00/year over 10 years
5. \$10,000.00 – Visual Improvements \$1,000.00/year over 10 years.

RECOMMENDATION

The Administration and Finance Executive Committee recommend approval of the BIA financial commitment toward the Rainy Lake Hotel/Market Square Project and that an Agreement with the BIA be brought forward.

Council Approval of This Report Will Approve the Administration & Finance Executive Committee recommendation to approve the BIA financial commitment toward the Rainy Lake Hotel/Market Square Project and that an Agreement with the BIA be brought forward.

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Rainy Lake Square, Scott Street and Civic Centre Letter of Recommendation

April 25, 2017

Travis Rob
Manager of Operations & Facilities
Town of Fort Frances
900 Wright Ave
Fort Frances, ON P9A 3J9

Re: Recommended Award of Tender No. 17-OF-05

Good Afternoon Travis,

We are truly excited to commence construction activities on the aforementioned projects in the Town of Fort Frances. As you know after receiving bids on the tender that were unexpectedly high, we began the process of value engineering in order to reduce the projected construction costs to a more manageable number. Initially we were reviewing both low bids from RML and J&D Penner respectively. It became clear that the J&D Penner's bid could not be reduced substantially enough without cutting some of the primary functions. Furthermore, the option of partial awards to both bidders came with too many risks and unknowns and may not have resulted in savings. As such, we turned our attention to RML, the low bidder.

We proceeded on the basis of making cuts, substitutions and reducing quantities in order to lower costs. We also considered design revisions such as changes to foundations and changes to specifications. We did not request that RML alter their unit pricing unless one of the above changes had preceded.

Summary of Changes

Substitutions and Reductions

- Stage Structure – No Piles, On Footings. (PRU has agreed that this is possible as they provide the engineering)
- Towers – Delete 2 of 6 T400. Foundations as per Trylon Engineering Dpt.
For the T500 (24') the recommended foundation is a 4' x 4' x 4' reinf. Conc block with an added 1' flare to 5' x 5' at the bottom.
For the T400 (16') the recommended foundation is a 3' x 3' x 3' reinf. Conc. block with an added 1' flare to 4' x 4' at the bottom.
- All Aluminum Light posts on 8' Sono-Tubes
THIS ELIMINATES DEEP PILES FROM THE PROJECT
- Festoon Cable/Lighting – Reduce Quantity from 140 lin. m. to 80 lin. m.
- LED Lit Bollards –Substitute w/ Large Granite Boulders. (Eliminate Electrical Runs as well)
- Concrete Pad at back of Stage 3sq.m. – Change to asphalt
- Cast Iron Tree Grates to "Monza" (Green Blue Urban)
- Unify thickness of all Concrete Pavers to 100mm in the Plaza and 80mm elsewhere. Scott Street and Civic Centre to sub Broadway for Navarro (flat head). Plaza to sub Cobble for Broadway.
- Tree Planting Pits and corresponding amount of Structural Soil to be reduced to 3m from 5m. Width and depth and grate size to remain.
- Reduce Plaza Tree Pits by 1.
- Alternate Price 1 is to be included in contract. Total street trees to be reduced by 3.

- Catch Basin Grates to be substituted. Product to match Tree Grates, TBD.
- Reduce Civic Centre Paving by 10%
- Substitute Concrete Ramp Surface for Ipe to Match Decking

Cuts

- Bottle Filling Station
- Gabion Kiosk Sign
- Backlit Sign – delete 1
- Feature Planter Wall and Steel Flag Sign
- Cantilevered Canopies – From (2) x 16' and (3) x 12' to (3) x 16' and (0) x 12'
- Interpretive Sign Frames – All
- Reduce Site Furniture Numbers
 - Wall Mounted Backless Benches – delete All.
 - Bistro Round Chairs – delete 9
 - Bistro Tables – delete 2
 - Bistro Barstools – delete 3
 - Multiplicity Bike Racks – delete 2
 - Backed Benches – delete 1
 - Waste Bins – delete 1
- Recycled Rubber Wheel stops
- Parking Line Painting
- Reduce Quantity of Planting 4" pots to 300
- Aluminum Light Pole and Luminaire Assembly – delete 2
- Delete all Civic Centre Furniture. Existing to remain.

Note: The Town of Fort Frances, own forces will maintain all planting during warranty period to RML's req. however, RML's warranty must remain intact. As always, plants damaged by animals or vandalism are not covered under warranty. RML to maintain during establishment period, sign off will be provided to move to warranty period. If RML agrees to this, an associated cost reduction can be applied to planting. If the Town feels the reduction is sufficient, and the work is manageable, we can proceed this way.

With these changes, the intent of the design and space is maintained, however the project cost would be \$2,458,621.49 including \$92,000.00 contingency and HST. Further these adjustments have been reviewed and approved in principle by RML. Proceeding on the above adjustments, we recommend that RML be awarded the contract for Tender Number 17-OF-05. We look forward to a successful completion of this project.

Per: Scatliff + Miller + Murray



David Bodnarchuk
MALA, SALA, CSLA, LEED AP

SCATLIFF + MILLER + MURRAY

visionary urban design + landscapes

February 22, 2017

Travis Rob
Town of Fort Frances

RE: Rainy Lake Square, Scott Street and Civic Centre
Construction Administration Services
Fort Frances, ON

Greetings Travis,

Scatliff+Miller+Murray (SMM) Inc. is a landscape architecture and planning consulting firm with over 25 years' experience creating exciting, innovative and award-winning urban design.

With the proven ability to manage a wide range of landscape architecture and design projects and from the initial concept through to implementation, SMM's extensive project list includes public plazas, parks, major urban redevelopment projects, residential and commercial subdivisions, waterfront renewal, playgrounds, schools, golf courses and open spaces. Scatliff + Miller + Murray prides itself on its proven ability to administrate the construction of projects both large and small. We have a depth of experience that is seldom paralleled in the industry and with that experience, we are confident in our ability to manage any situation that may arise. The collaborative nature of our office culture means that ideas and project issues are commonly shared across a wider platform where innovative solutions are developed by a team of bright minds. In addition, our background as primary designers on this project will be an asset by allowing us to have a first-hand understanding of the original design intent and direction as well as a strong familiarity with the site.

We have far-reaching experience in urban site development with projects such as the Winnipeg City Hall courtyard, Waterfront Drive, the Plaza at the Forks and Old Market Square. Most recently, we have had the opportunity to work with the Town of Fort Frances to redevelop a portion of the downtown core on Scott Street. The Rainy Lake Market Square will be the most significant project undertaken by the Town of Fort Frances in a generation and we are truly excited to have been part of it. At this time, the design phases are winding down and preparation for construction is ramping up.

Project Understanding

The terms of this proposal are to provide construction administration services for the Rainy Lake Square, Scott Street and Civic Centre projects in order to oversee their successful completion. This will require regular communication and coordination with the successful contractor as well as the Town representative in order to ensure the project is completed on time and on budget.

We see our scope as part of this service to include the following:
(This fee is to include all engineering services)

- **Procurement and Bid Phase**
 - Integrate Issued for Tender documents into the Town of Fort Frances' procurement framework.
 - Answer RFI's
 - Provide clarifications and additional information to Bidders as part of an Addendum
 - Make formal recommendations for award of contract
- Await the Town of Fort Frances decision
- **Construction Phase – Implementation**

Assuming a 16 week installation period

 - Ensure contractor documentation is completed
 - Kick off Meeting with Town and Contractor
 - Ensure contractor schedules are submitted
 - Ensure that contractor records and reports are being kept and filed
 - Provide regular reports to the Town of Fort Frances representative.
 - Weekly site reviews to oversee progress and ensure milestones are being met.
 - Engineering site reviews
- **Construction Phase - Change Control**
 - Issue Change Notices, Change Orders and other control documents
 - Issue Work Value Certificates or equivalent to recommend payment to contractor
- **Close Out Phase**
 - Close out documentation and final site reviews

We estimate the schedule of this project to be roughly 16 weeks commencing in early Spring 2017 (weather permitting) and completing by September 2017. As such, we will ensure that we are dedicating a sufficient number of staff to complete each phase of the work. In some cases, site visits may be made by KGS engineers or representatives depending on the relevant tasks under review.

Fee Schedule

Our fees are in accordance with the Manitoba Association of Landscape Architects Fee Guidelines, and are based on a general review of the site plan that has been submitted, understanding of the scope, methodology, and probable construction budget of landscape works.

We anticipate that most material will be handled digitally and will not have a disbursement charge, if however colour printed material is required, disbursements will be charged on a cost plus 10% basis.

We are proposing that we work on an hourly basis up to the upset maximum fees per stage as shown below.

Procurement and Bid Phase	\$ 7,720.00
Construction Phase – Implementation	\$ 9,580.00
Construction Phase – Change Control	\$ 44,980.00
Close Out Phase	\$ 13,790.00
<hr/>	
SubTotal	\$ 76,070.00
Expenses and Travel	\$ 13,200.00
	[Travel costs for site visits (2 days each), Mileage, Meals, Lodging]
	\$ 500.00
	[Printing – to be used as required]
Total Fee	\$ 89,770.00 plus H.S.T.

<u>Project Breakdown</u>	
Rainy Lake Square Project	\$ 82,445.00 plus H.S.T.
Scott Street and Civic Centre	\$ 6,825.00 plus H.S.T.
Printing (under RLS)	\$ 500.00 plus H.S.T.

Thank you for the opportunity to quote on this project,

Bob Somers MALA, SALA, CSLA
Principal
Scatliff + Miller + Murray



Bob Somers, Principal

ACKNOWLEDGEMENT FORM

The attached proposal, dated **February 22, 2017**, outlines the scope of services and the proposed basis of compensation for **Rainy Lake Square, Scott Street and Civic Centre – Construction Administration Services**.

(Scatliff + Miller + Murray Inc. File No. _____). *To be filled out by SMM upon approval*

Please indicate your approval of the proposal and your authorization to proceed with the work by initialing the previous pages (bottom left corner) and signing and returning this form to:

Scatliff + Miller + Murray Inc.
1120-201 Portage Avenue
Winnipeg, Manitoba
R3B 3K6
ATTENTION: Bob Somers

The proposal terms and conditions as set out in the above referenced proposal are acknowledged and accepted by the undersigned. Scatliff + Miller + Murray Inc. is hereby authorized to proceed with the work.

_____	_____
Witness	Client Name (Print)

_____	_____
Date	Authorized Signature incorporated therein.

May 3, 2017

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Award of RFP 17-OF-06 – 5 Year Maintenance Agreement for Municipal Property

At the March 13, 2017 meeting of Council direction was given to develop and RFP for the annual maintenance of the fields at the Fort Frances Airport and the property known as 1003 Frog Creek Road. Proposals were accepted from March 30, 2017 until April 18, 2017. One proposal was received from Harold Kelly of Emo.

Mr. Kelly provided a listing of equipment he owns to maintain the property as well as proposed maintenance plans for both properties. All proposed crops comply with the Transport Canada Guidelines for crop use on Airport Property and all equipment listed is capable of working the size of property outlined. The proposal stipulated an annual payment to the Town in exchange for the work on this property totalling \$2700.00. The term of the agreement would be for 5 years with an option to extend for another 5 years.

Attached to this report is a report from Tom Batiuk Airport Supervisor as well as a copy of the provided proposal submission.

Administration recommends the following:

1. That Council award RFP 17-OF-06 5 year Maintenance Agreement for Municipal Airport Property and 1003 Frog Creek Road to Harold Kelly for the annual payment to the Town of \$2700.00
2. That an agreement be drafted to reflect the terms of the RFP, and further
3. That an authorizing by-law be prepared, authorizing the Mayor and Clerk to execute said agreement on behalf of the corporation.

Respectfully Submitted



Travis Rob, EIT

Council approval of this report will ensure:

1. That Council award RFP 17-OF-06 5 year Maintenance Agreement for Municipal Airport Property and 1003 Frog Creek Road to Harold Kelly for the annual payment to the Town of \$2700.00
2. That an agreement be drafted to reflect the terms of the RFP, and further
3. That an authorizing by-law be prepared, authorizing the Mayor and Clerk to execute said agreement on behalf of the corporation.

Manager of Operations and Facilities



2017-04-26

To: Travis Rob

From: Tom Batiuk

Re: Recommendation to award tender 17-OF-06

Please see attached Tender 17-OF-06 document from Harold Kelly. This tender was opened and reviewed on the tender closing date of April 18th, 2017. Based on the tender package received, it is my recommendation to award this tender to Mr. Kelly. The revenue generated from this tender as well as Mr. Kelly's willingness to work with the Town to prepare and tend the airport property is of vital importance to the airport operational plans for this land over the next 5 years. Please review the attached documentation with my recommendation for approval by Town Council.

Kind Regards,

Tom Batiuk
Airport Supervisor

R.F.P. No. 17-OF-06

Proposal for
Town of Fort Frances
5 Year Maintenance Agreement For Municipal Airport Property
And 1003 Frog Creek Rd
R.F.P. No 17-of-06

Harold Kelly

RR#1 Emo, Ontario

877 Fisher Rd, POW 1E0

Contact Information; Home, (807) 482 1431, Cell (807) 271 2510, Email, hckelly@live.ca

I, Harold Kelly,

Am proposing the sum of \$ **2700.00**, due December 31, annually for the maintenance of the airport and 1003 Frog Creek Rd.

The Airport shall be cut and Baled and removed by Oct 1 of each Yr, with a plan of maintaining the grounds by applying fertilizer to maintain a steady balance in the soil. Also with renewing the grass by working up and tilling and reseeding, with a cover crop of rye or canola, 1/5 annually of the grounds over the 5 yr term.

1003 Frog Creek Road, 5 yr plan is to cut and bale for the 2017 season which will help prepare the field for a 2 yr rotation of soybeans, 2018, 2019, to canola for, 2020, and then back to hay, 2021 and 2022, which is the 5yr projected outcome.

List of Equipment

2- Gleaner R7 Combines

1-Massey Ferguson 4255 Loader

2-Case IH front wheel assist tractors

-self propelled sprayer, self propelled sprayer

-Hesston 946 Round Balers

-Gehl and New Holland Center pivot 12 ft disc mowers

-36 ft finishing seed bed cultivator

-20 ft finishing disc

-12 ft plow

-semi truck and trailers, lowbed, and grain trailer, to transport grain that is harvested.

STATUTORY DECLARATION

In submitting this proposal, I/We, on behalf of Harold Kelly
Legal Name of Company

certify the following:

- (a) I/We have a health and safety policy and will maintain a program to implement such policy as required by clause 25(2) (j) the *Occupational Health and Safety Act*, R.S.O. 1990, c.O.1, as amended, (the "OHSA").
- (b) With respect to the services being offered in this proposal, I/We and our proposed sub-contractors, acknowledge the responsibility to, and shall:
 - (i) fulfill all of the "employer" obligations under the OHSA and ensure that all work is carried out in accordance with the OHSA and its regulations.
 - (ii) ensure that adequate and competent supervision is provided as per the OHSA to protect the health and safety of workers; and
 - (iii) provide information and instruction to all employees to ensure they are informed of the hazards inherent in the work and understand the procedures for minimizing the risk of injury or illness.
- (c) I/We agree to take every precaution reasonable in the circumstances for the protection of worker health and safety, as required under the OHSA.

Dated at Emo Ont this 17 day of April 2017.

[Signature]
(Authorized signing agent for the Firm)

Owner / operator
(Title)

807 482 1431
(Telephone Number)

Sewer & Water Data for 2017

up-dated April 27, 2017

Month	Days per month	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017-2016	2017-2016	2017	2017
		Total	daily	Couch.	Couch.	Couch.	Total	daily	Couch.	Couch.	Couch.	Diff	Diff	Difference	Infiltration
		Sewage	Sewage	Sewage	Sewage	Sewage	Treated	Treated	2 Water	2 Water	Water	Treated	Wastewater	STP-WTP	daily average
		STP	STP	Meters	Meters	%	WTP	WTP	Meters	Meters	%	WTP	STP		
		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily		cu. meters monthly	cu. meters daily	cu. meters monthly	cu. meters daily					
January	31	174745	5636.94	13111	422.94	7.50%	114550.0	3695.2	10605.0	342.1	9.26%	-3560.0	-1965.0	60195.0	1941.8
February	29	174956	6032.97	13811	476.24	7.89%	103680.0	3575.2	10605.0	365.7	10.23%	-6570.0	17839.0	71276.0	2457.8
March	31	223183	7199.45	15572	502.32	6.98%	113560.0	3663.2		0.0	0.00%	-4500.0	-8182.0	109623.0	3536.2
April	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-106740.0	-253871.0	0.0	0.0
May	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-118580.0	-210253.0	0.0	0.0
June	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-120190.0	-274216.0	0.0	0.0
July	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-126030.0	-252416.0	0.0	0.0
August	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-137500.0	-190658.0	0.0	0.0
September	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-104260.0	-180285.0	0.0	0.0
October	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-103050.0	-181205.0	0.0	0.0
November	30		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-96940.0	-169075.0	0.0	0.0
December	31		0.00		0.00	#DIV/0!		0.0		0.0	#DIV/0!	-108030.0	-187407.0	0.0	0.0
Total	366	572884		42494			331790.0		21210			-1035950.0	-1891694.0	241094.0	658.7
Monthly Average												-86329.2	-157641.2	20091.2	661.3
daily Average															