



RAY BRYANT
MAYOR
FORWARDED: FEBRUARY 7, 2012

Page 1

AGENDA

REGULAR MEETING OF THE COUNCIL OF THE TOWN OF TABER, TO BE HELD IN THE COUNCIL CHAMBERS, ADMINISTRATION BUILDING, ON MONDAY FEBRUARY 13, 2012 AT 5:00 PM., IMMEDIATELY FOLLOWING THE PUBLIC HEARING AT 5:00 PM.

MOTION

ITEM NO. 1. CALL TO ORDER

ITEM NO. 2. ADOPTION OF THE AGENDA

X

ITEM NO. 3. DELEGATIONS

- A) RFD Alberta Policing Standards Program - Taber Municipal Police Commission X
- B) RFD Waterworks & Wastewater System – Annual Report from EPCOR X

ITEM NO. 4. ADOPTION OF THE MINUTES

- A) RFD Regular Meeting of Council January 23, 2012 X

ITEM NO. 5. BUSINESS ARISING FROM THE MINUTES - NONE

ITEM NO. 6. BYLAWS

- A) RFD Proposed Land Use Re-Zoning Amendment Bylaw 6-2011 X
- B) RFD Proposed Land Use Re-Zoning Amendment Bylaw 3-2012 X
- C) RFD Proposed Land Use Re-Zoning Amendment Bylaws 4-2012, 5-2012 X

ITEM NO. 7. ACTION ITEMS

- A) RFD Taber Viper Swim Club – Facility Rental Fee Reduction Request X

ITEM NO. 8. MEDIA INQUIRIES

ITEM NO. 9. CLOSED SESSION - NONE

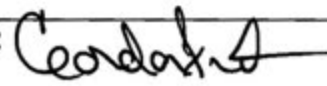
ITEM NO. 10. OPEN SESSION - NONE

ITEM NO. 11. CLOSE OF MEETING

X



TOWN OF TABER
COUNCIL REQUEST FOR DECISION

Subject: Delegation – Taber Municipal Police Commission	Date of February 13, 2012 Agenda:
Prepared By: Kerry Van Ham, Council & CAO Assistant	
Attachments: Correspondence received from the Solicitor General and Minister of Public Security	
Topic: Successful Compliance Review of the Alberta Policing Standards Program	
Background:	Henk De Vlieger, Chairman of the Taber Municipal Police Commission and Chief Alf Rudd will be in attendance to provide the details of this award which recognizes the successful full compliance review of the Alberta Policing Standards Program.
Options:	1. That Council accepts the details provided regarding the Alberta Policing Standards Program, for information.
Recommendation: Option #1 - That Council accepts the details provided regarding the Alberta Policing Standards Program, for information.	
Approval Date:	February 7, 2012 CAO: 



ALBERTA

SOLICITOR GENERAL AND MINISTER OF PUBLIC SECURITY

Office of the Minister

AR 18051

January 10, 2012

Chief Alf Rudd
Taber Police Service
5700 - 50 Avenue
Taber AB T1G 2H7

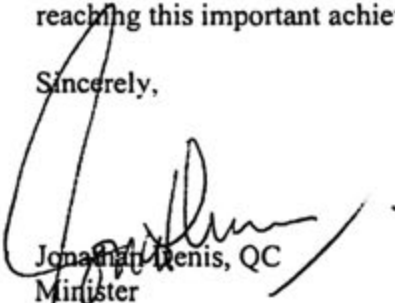
Dear Chief Rudd:

I am truly pleased as Solicitor General and Minister of Public Security to award the Taber Police Service a certificate recognizing the successful full compliance review of the Alberta Policing Standards Program.

The Alberta government is committed to the promotion of strong and vibrant communities and reduction of crime so Albertans feel safe. The Taber Police Commission and Taber Police Service are key partners in this commitment and play an important role in realizing this goal by providing adequate and effective policing to the citizens of Taber. It is unfortunate, circumstances did not allow me to schedule the presentation of your certificate at a suitable venue in person and for this I apologize.

I thank you for your continued commitment to the Alberta Policing Standards Program and would like to convey my personal congratulations to you and the Taber Police Commission on reaching this important achievement.

Sincerely,



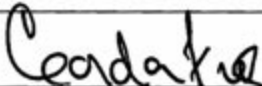
Jonathan Denis, QC
Minister

cc: Broyce Jacobs, MLA Cardston-Taber-Warner

Alberta ■



TOWN OF TABER
COUNCIL REQUEST FOR DECISION

Subject: Delegation - Waterworks & Wastewater System – Annual Report		Date of February 13, 2012
		Agenda:
Prepared By: Rob Cressman, Director of Public Services		
Attachments: 2011 Annual Report		
Topic: Waterworks & Wastewater System – Annual Report		
Background:	A requirement of the Town's waterworks and wastewater systems operating approval, issued by AB Environment & Water (AEW), is the preparation/submission to AEW of an annual report.	
	Darren Peel, Epcor's Taber Site Manager will present the highlights of the annual report, and be available to answer questions from Council.	
Options:	1. Council accepts the Waterworks & Wastewater System 2011 Annual Report, as presented.	
	Recommendation: Option #1- Council accepts the Waterworks & Wastewater System 2011 Annual Report, as presented.	
Approval Date:	February 7, 2012	CAO: 



PO Box 4702, Taber, Alberta
T1G 2E1 Canada
epcor.ca

January 31, 2012

Dorothy Lok
Municipal Approvals Engineer
Alberta Environment
2nd Floor, Provincial Building
200 – 5th Ave S
Lethbridge, AB T1J 4L1

Re: Town of Taber Waterworks & Wastewater System 2011 Annual Report

Dear Dorothy:

Please find enclosed a copy of the Town of Taber Waterworks & Wastewater System 2011 Annual Report. If you have any questions regarding this report, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "D Peel", written in a cursive style.

Darren Peel
Site Manager
Taber Operation
EPCOR Water Services
Ph: (403) 223-3860
Cel: (403)308-1572
Fax: (403) 223-5552
dpeel@epcor.com

TOWN OF TABER
WATERWORKS & WASTEWATER SYSTEM
2011 ANNUAL REPORT



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Appendix A – Semi-Annual Potable Water Analysis Results

Appendix B – Irrigation Monitoring

TOWN OF TABER

2011 ANNUAL REPORT

WATER TREATMENT & WATER DISTRIBUTION

WATERWORKS SYSTEM
APPROVAL NO. 1209-02-00 & 1209-02-01



Water Treatment & Water Distribution

1. Waterworks Introduction

EPCOR Water Services has prepared the Water and Wastewater Annual reports on behalf of the Town of Taber. EPCOR has signed an agreement with the Town to operate and maintain the waterworks system in Taber which became effective February 1st, 2008.

2. 2011 WTP Raw & Treated Water Production Summary

**EPCOR Water Services - Taber Water Treatment Plant
2011 Annual Water Production Summary**

2011 Month	Raw Water Volume (m ³)				Treated Water Volume (m ³)			
	Daily Min.	Daily Max.	Daily Avg.	Monthly Total	Daily Min.	Daily Max.	Daily Avg.	Monthly Total
Jan	3,950	7,870	5,524	171,240	1,246	5,187	3,395	104,509
Feb	3,828	6,500	5,113	143,164	1,195	4,968	3,432	96,109
Mar	4,174	8,396	5,500	170,499	2,801	8,997	5,205	161,342
Apr	3,553	7,560	5,503	165,103	2,586	7,024	5,037	151,114
May	4,371	9,134	6,100	189,088	3,823	8,609	5,557	172,266
Jun	4,268	8,447	5,785	173,542	3,995	7,922	5,354	160,626
Jul	6,997	11,189	9,216	285,693	6,686	10,632	8,683	269,165
Aug	7,502	11,680	9,957	308,675	6,625	10,890	9,214	285,643
Sep	5,440	10,148	7,765	232,948	5,053	9,532	7,131	213,939
Oct	3,940	7,093	5,337	165,437	3,201	6,687	4,740	146,948
Nov	3,860	6,767	5,132	153,967	3,252	6,331	4,566	136,971
Dec	3,542	6,985	5,185	160,729	2,739	6,655	4,550	141,055
TOTAL (m³)				2,320,085				2,039,687

*The difference between meters is due to water being used in WTP

3. Approval No 1209-02-00 Schedule 2 & 3 – Raw and Treated Water Quality – Minimums, Maximums, & Averages

Schedule 2 & 3: Taber Raw & Treated Water Quality
2011 Summary of Water Treatment Plant Performance

		FLOW (m ³)		TURBIDITY (NTU)					pH		FREE CHLORINE (mg/L)	FLUORIDE (mg/L)		TEMP (°C)	
		Raw	Treated	Raw	Treated	Filter 1	Filter 2	Filter 3	Filter 4	Raw	Treated	Treated	Raw	Treated	Treated
Approval Requirements				<0.3 NTU in at least 95% of the measurements made during the calendar month, and <1.0 NTU, 100% of the time					6.5-8.5		≥0.5 mg/L	0.8 mg/L ± 0.2 mg/L			
Jan	Min	3,950	1,246	0.79	0.08	0.09	0.08	0.07	0.08	7.80	7.31	0.72	0.07	0.67	4.0
	Max	7,870	5,187	1.19	0.14	0.11	0.20	0.14	0.15	8.11	7.65	1.48	0.28	0.97	6.0
	Avg	5,524	3,395	0.95	0.11	0.10	0.11	0.11	0.11	7.99	7.48	1.20	0.18	0.83	4.7
	Total	171,240	104,509												
Feb	Min	3,828	1,195	0.77	0.07	0.08	0.06	0.06	0.06	7.84	7.35	1.07	0.24	0.66	4.0
	Max	6,500	4,968	1.10	0.10	0.08	0.12	0.08	0.11	8.26	7.69	1.57	0.41	0.88	4.5
	Avg	5,113	3,432	0.87	0.08	0.08	0.08	0.07	0.08	8.01	7.51	1.29	0.34	0.79	4.1
	Total	143,164	96,109												
Mar	Min	4,174	2,801	0.66	0.07	0.09	0.06	0.07	0.07	7.80	7.40	0.86	0.25	0.66	4.0
	Max	8,396	8,997	1.02	0.13	0.09	0.11	0.10	0.11	8.28	7.60	1.58	0.37	0.91	5.0
	Avg	5,500	5,205	0.87	0.09	0.09	0.08	0.08	0.08	8.10	7.49	1.29	0.30	0.77	4.7
	Total	170,499	161,342												
Apr	Min	3,553	2,586	0.81	0.08	DNR	0.06	0.08	0.05	8.05	7.44	1.18	0.25	0.73	5.0
	Max	7,560	7,024	1.12	0.10	DNR	0.10	0.10	0.12	8.61	7.66	1.49	0.31	0.88	9.0
	Avg	5,503	5,037	0.93	0.09	DNR	0.08	0.09	0.09	8.45	7.57	1.38	0.28	0.80	6.1
	Total	165,103	151,114												
May	Min	4,371	3,823	0.46	0.08	0.09	0.07	0.07	0.08	8.21	7.48	0.98	0.20	0.70	8.0
	Max	9,134	8,609	0.98	0.11	0.09	0.13	0.13	0.12	8.77	7.77	1.45	0.29	0.81	14.0
	Avg	6,100	5,557	0.83	0.10	0.09	0.10	0.09	0.10	8.54	7.67	1.28	0.25	0.77	12.0
	Total	189,088	172,266												
Jun	Min	4,268	3,995	0.53	0.07	0.08	0.06	0.07	0.07	8.06	7.42	0.89	0.20	0.70	14.0
	Max	8,447	7,922	0.81	0.11	0.09	0.10	0.13	0.11	8.40	7.66	1.56	0.25	0.81	18.5
	Avg	5,785	5,354	0.66	0.09	0.09	0.08	0.09	0.09	8.21	7.53	1.33	0.22	0.74	16.0
	Total	173,542	160,626												

*DNR means filter "Did Not Run" during that month

4. Approval No 1209-02-00 & 1209-02-01 Schedule 2 & 3 – Raw and Treated Water Quality – Minimums, Maximums, & Averages (continued)

Schedule 2 & 3: Taber Raw & Treated Water Quality
2011 Summary of Water Treatment Plant Performance

	FLOW (m ³)		TURBIDITY (NTU)								pH		FREE CHLORINE (mg/L)	FLUORIDE (mg/L)		TEMP (°C)		
	Raw	Treated	Raw	Treated	Filter 1		Filter 2		Filter 3		Filter 4		Raw	Treated	Raw	Treated	Treated	
					Max Value	Time between 0.3 and 1.0	Max Value	Time between 0.3 and 1.0	Max Value	Time between 0.3 and 1.0	Max Value	Time between 0.3 and 1.0			Minimum Value			
Approval Requirements					Maximum Daily Values ≤0.3 NTU in at least 99% of the measurements made on a daily basis and <1.0 NTU, 100% of the time								6.5-8.5		≥0.2 mg/L		0.6 - 1.0 mg/L	°C
Jul	Min	6,997	6,686	0.54	0.08	0.06	0.08	0.09	0.08	8.03	7.44	0.74	0.20	0.70	18.5			
	Max	11,189	10,632	1.38	0.12	0.24	0.24	0.25	0.25	8.50	7.72	1.55	0.21	0.84	21.4			
	Avg	9,216	8,683	0.84	0.10	0.15	0.17	0.21	0.20	8.20	7.59	1.07	0.21	0.77	20.2			
	Total	285,693	269,165			0	0	0	0									
Aug	Min	7,502	6,625	1.00	0.09	0.08	0.15	0.13	0.11	8.20	7.56	0.60	0.24	0.72	21.2			
	Max	11,680	10,890	1.88	0.17	0.25	0.28	0.28	0.28	8.83	7.82	1.33	0.30	0.83	22.6			
	Avg	9,957	9,214	1.39	0.12	0.14	0.20	0.23	0.20	8.48	7.65	1.02	0.27	0.77	21.7			
	Total	308,675	285,643			0	0	0	0									
Sep	Min	5,440	5,053	1.20	0.08	0.07	0.08	0.12	0.09	8.42	7.60	0.56	0.21	0.62	15.3			
	Max	10,148	9,532	1.72	0.19	0.21	0.23	0.25	0.27	8.70	7.76	1.15	0.42	0.92	20.8			
	Avg	7,765	7,131	1.43	0.10	0.12	0.16	0.21	0.19	8.59	7.66	0.86	0.28	0.79	17.9			
	Total	232,948	213,939			0	0	0	0									
Oct	Min	3,940	3,201	1.14	0.04	0.04	0.03	0.04	0.04	8.39	7.52	0.34	0.22	0.80	8.9			
	Max	7,093	6,687	1.59	0.09	0.10	0.13	0.24	0.24	8.68	7.72	1.81	0.31	0.95	15.2			
	Avg	5,337	4,740	1.36	0.05	0.06	0.08	0.11	0.12	8.58	7.47	1.14	0.27	0.88	12.3			
	Total	165,437	146,948			0	0	0	0									
Nov	Min	3,880	3,252	0.87	0.05	0.04	0.03	0.05	0.05	8.41	7.45	0.92	0.21	0.36	2.1			
	Max	6,767	6,331	1.12	0.08	0.13	0.17	0.19	0.25	8.64	7.66	1.46	0.46	0.97	8.6			
	Avg	5,132	4,566	0.96	0.06	0.06	0.09	0.11	0.13	8.55	7.56	1.25	0.36	0.75	4.8			
	Total	153,967	136,971			0	0	0	0									
Dec	Min	3,542	2,739	0.78	0.06	0.03	0.04	0.05	0.04	8.24	7.46	0.74			1.4			
	Max	6,985	6,555	1.25	0.09	0.11	0.15	0.26	0.26	8.53	7.65	1.32			2.4			
	Avg	5,185	4,550	0.93	0.07	0.05	0.09	0.12	0.14	8.34	7.55	1.14			1.8			
	Total	160,729	141,055			0	0	0	0									

*Fluoride was no longer added to the water supply due to Town Council voting to stop adding Fluoride and an amendment to the Approval to Operate was signed on October 26, 2011.

5. Approval No 1209-02-00 Schedule 2 & 3 – Raw and Treated Water Quality – Minimums, Maximums, & Averages

Schedule 2&3: Raw & Treated Water Quality
2011 Summary of Chemical Usage & Distribution System Monitoring

		FLOW (m ³)		PRE-CHLORINE USAGE (Chlorine Gas)		POST-CHLORINE USAGE (Chlorine Gas)		FLUORIDE USAGE (HFSA 19.8%)			COAGULANT (IsoPAC 18%)	DISTRIBUTION SYSTEM MONITORING			
		Raw	Treated	kg	Dosage (mg/L)	kg	Dosage (mg/L)	In Feeder (lbs)	Usage (kgs)	Dosage (mg/L)	Dosage (mg/L)	Turbidity (NTU)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Bacteriological Samples
Approval Requirements											<150 mg/L	≤5 NTU	≥0.1 mg/L; ≤ 4.0 mg/L as free chlorine; ≤ 3.0 mg/L as combined or total		8 (1 sample/1000 pop.)
Jan	Min	3,950	1,246	10	1.4	0	0.0	300	10	0.4	25	0.14	0.26	0.34	
	Max	7,870	5,187	26	6.1	8	1.8	300	30	0.7	25	0.26	1.59	1.86	
	Avg	5,524	3,395	16	3.0	5	0.9	300	18	0.6	25	0.18	0.86	1.02	
	Total	171,240	104,509	494		148			560						
Feb	Min	3,828	1,195	10	2.2	1	0.2	300	11	0.3	25	0.12	0.64	0.81	
	Max	6,500	4,968	24	5.0	8	1.7	300	24	0.7	25	0.21	1.52	1.65	
	Avg	5,113	3,432	14	2.8	4	0.7	300	16	0.6	25	0.16	1.06	1.25	
	Total	143,164	96,109	402		106			449						
Mar	Min	4,174	2,801	10	1.6	2	0.3	300	9	0.3	25	0.12	0.30	0.44	
	Max	8,396	8,997	24	4.3	8	1.7	300	26	0.6	40	0.33	1.56	1.71	
	Avg	5,500	5,205	16	2.9	5	1.0	300	15	0.5	29	0.18	0.98	1.18	
	Total	170,499	161,342	486		150			459						
Apr	Min	3,553	2,586	10	1.6	2	0.3	300	10	0.3	40	0.13	0.72	0.89	
	Max	7,560	7,024	24	4.1	6	1.1	300	23	0.7	40	0.23	1.30	1.51	
	Avg	5,503	5,037	16	2.9	4	0.8	300	15	0.5	40	0.17	1.02	1.22	
	Total	165,103	151,114	470		116			463						
May	Min	4,371	3,823	10	1.8	2	0.3	300	12	0.4	30	0.09	0.52	0.72	
	Max	9,134	8,609	30	3.6	8	1.2	300	31	0.7	45	0.24	1.19	1.53	
	Avg	6,100	5,557	17	2.9	5	0.8	300	18	0.5	41	0.16	0.92	1.11	
	Total	189,088	172,266	542		142			561						
Jun	Min	4,268	3,995	10	2.1	2	0.4	300	12	0.3	35	0.13	0.61	0.79	
	Max	8,447	7,922	28	3.9	10	1.4	300	27	0.7	45	0.21	1.25	1.57	
	Avg	5,785	5,354	18	3.2	5	0.9	300	16	0.4	41	0.16	0.96	1.14	
	Total	173,542	160,626	554		142			492						

6. Approval No 1209-02-00 & 1209-02-01 Schedule 2 & 3 – Raw and Treated Water Quality – Minimums, Maximums, & Averages (continued)

Schedule 2&3: Raw & Treated Water Quality
2011 Summary of Chemical Usage & Distribution System Monitoring

		FLOW (m ³)		PRE-CHLORINE USAGE (Chlorine Gas)		POST-CHLORINE USAGE (Chlorine Gas)		FLUORIDE USAGE (HFSA 19.8%)			COAGULANT (IsoPAC 18%)	DISTRIBUTION SYSTEM MONITORING			
		Raw	Treated	kg	Dosage (mg/L)	kg	Dosage (mg/L)	In Feeder (lbs)	Usage (kgs)	Dosage (mg/L)	Dosage (mg/L)	Turbidity (NTU)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Bacteriological Samples
Approval Requirements											<150 mg/L	≤5 NTU	≥0.1 mg/L; ≤ 4.0 mg/L as free chlorine; ≤ 3.0 mg/L as combined or total	8 (1 sample/1000 pop.)	
Jul	Min	6,997	6,686	22	2.5	6	0.9	300	14	0.3	30	0.12	0.72	0.89	
	Max	11,189	10,632	38	4.3	14	1.8	300	39	0.7	55	0.18	1.23	1.48	
	Avg	9,216	8,683	30	3.3	10	1.1	300	27	0.5	40	0.15	1.03	1.20	
	Total	285,693	269,165	936		300			843						12
Aug	Min	7,502	6625	24	2.5	6	0.6	300	17	0.4	35	0.16	0.75	0.98	
	Max	11,680	10890	44	5.0	18	2.3	300	42	0.7	60	0.20	1.25	1.43	
	Avg	9,957	9214	35	3.5	13	1.4	300	29	0.5	47	0.17	0.97	1.16	
	Total	308,675	285643	1,070		396			899						11
Sep	Min	5,440	5,053	14	2.3	6	0.8	300	15	0.4	55	0.14	1.03	1.34	
	Max	10,148	9,532	32	4.0	14	1.9	300	35	0.9	60	0.25	1.68	2.05	
	Avg	7,765	7,131	24	3.1	9	1.3	300	27	0.6	55	0.18	1.45	1.68	
	Total	232,948	213,939	722		248			799						11
Oct	Min	3,940	3,201	10	1.5	2	0.4	300	14	0.6	45	0.12	1.15	1.38	
	Max	7,093	6,687	20	3.8	16	2.6	300	28	0.9	55	0.17	1.46	1.69	
	Avg	5,337	4,740	15	2.8	5	1.1	300	20	0.7	55	0.14	1.33	1.56	
	Total	165,437	146,948	454		168			628						11
Nov	Min	3,860	3,252	8	1.7	2	0.4	38	13	0.5	42	0.11	0.41	0.47	
	Max	6,767	6,331	18	3.3	8	1.6	300	25	0.8	45	0.87	1.52	1.63	
	Avg	5,132	4,566	13	2.5	4	1.0	247	17	0.6	45	0.30	1.00	1.23	
	Total	153,967	136,971	380		130			261						16
Dec	Min	3,542	2,739	10	2.6	2	0.3				40	0.17	0.43	0.57	
	Max	6,985	6,655	26	4.4	6	1.4				42	0.72	1.34	1.54	
	Avg	5,185	4,550	16	3.2	4	0.9				41	0.35	0.95	1.13	
	Total	160,729	141,055	508		124									10

*Fluoride was no longer added to the water supply due to Town Council voting to stop adding Fluoride and an amendment to the Approval to Operate was signed on October 26, 2011.

7. Approval No 1209-02-00 Section 6.3.2 c – Monthly Bacteriological Sampling Summary

2011 Summary of Bacteriological Sampling

Month	Date	Time	Operator	LOCATION	Bactl Sample ID	E-Coli	
						Present or Absent/100 mL	
Jan	4	11:45	bg	Town Shop	R1412014	Absent	Absent
	5	10:20	db	Taber Shell	R1412005	Absent	Absent
		10:45	db	Town Hall	R1412021	Absent	Absent
	10	10:35	db	Barons Eureka	R1412006	Absent	Absent
	12	10:25	db	RCMP	R1412001	Absent	Absent
		10:40	db	MD Office	R1412027	Absent	Absent
	17	10:25	df	Western Tractor	R1412003	Absent	Absent
	19	10:45	bg	Saunders Insurance	R1412064	Absent	Absent
		11:00	bg	Riverbend	R1412019	Absent	Absent
	24	10:00	df/bg	1st Choice Savings	R1412025	Absent	Absent
26	10:30	df/db	Kal Tire	R1412023	Absent	Absent	
	10:45	df/db	Taber Temp	R1412043	Absent	Absent	
Total Number Of Samples Analyzed							12
Feb	2	10:35	db	5044 45 Ave	R1412017	Absent	Absent
		10:45	db	Town Hall	R1412011	Absent	Absent
	7	11:00	bg	MD Office	R1412015	Absent	Absent
	9	10:17	db	Universal Auto	R1412009	Absent	Absent
		10:30	db	Taber Temp	R1412007	Absent	Absent
	14	11:30	df/bg	4708 56 Ave	R1412026	Sample not processed	
	16	10:38	df	Barons Eureka	R1412030	Absent	Absent
		10:50	df	Town Shop	R1412025	Absent	Absent
	22	10:30	db	Town Hall	R1412008	Absent	Absent
	23	10:30	db	Barons Eureka	R1412022	Absent	Absent
10:45		db	MD Office	R1412012	Absent	Absent	
28	10:44	cz	5321 42 Ave	R1412034	Absent	Absent	
Total Number Of Samples Analyzed							11
Mar	2	10:15	df	Pace	R1412032	Absent	Absent
		10:30	bg	7/11 Downtown	R1412020	Absent	Absent
	7	10:45	db	7/11 Highway	R1412042	Absent	Absent
	9	10:50	df	Taber Shell	R1412036	Absent	Absent
		11:00	db	Town Hall	R1412037	Absent	Absent
	14	10:10	db	7/11 Highway	R1412039	Absent	Absent
	16	10:25	db	Barons Eureka	R1412040	Absent	Absent
		10:40	db	Town Shop	R1412033	Absent	Absent
	21	10:45	db	5044 45 Ave	R1412029	Absent	Absent
	23	11:05	df/db	Barons Eureka	R1412014	Absent	Absent
11:16		df/db	Tarpon	R1412018	Absent	Absent	
28	10:05	df	6005 50 Ave	R1412038	Absent	Absent	
30	10:10	df	Town Hall	R1412035	Absent	Absent	
Total Number Of Samples Analyzed							13
Apr	4	10:05	db	Barons Eureka	R1412028	Absent	Absent
	6	10:50	df	CEM	R1412046	Absent	Absent
		11:10	df	4708 56 Ave	R1412010	Absent	Absent
	11	10:18	db	John Deere	R1412047	Absent	Absent
	13	10:41	db	5044 45th Ave	R1412050	Absent	Absent
		10:50	db	Town Hall	R1412049	Absent	Absent
	18	10:45	df	Tarpon	R1412045	Absent	Absent
	20	10:00	db	5044 45th Ave	R1412048	Absent	Absent
10:15		db	MD office	R1412044	Absent	Absent	
27	10:15	db	police station	R1589145	Absent	Absent	
	10:30	db	Town Hall	R1589117	Absent	Absent	
Total Number Of Samples Analyzed							11

* Samples that were not processed were due to operator failing to fill form out correctly

8. Approval No 1209-02-00 Section 6.3.2 c – Monthly Bacteriological Sampling Summary (continued)

2011 Summary of Bacteriological Sampling

Month	Date	Time	Operator	LOCATION	Bactl Sample ID	E-Coli	
						Present or Absent/100 mL	
May	2	10:15	db	Town Hall	R1589148	Absent	Absent
	4	10:10	db	Barons Eureka	R1589146	Absent	Absent
		10:25	db	Town Shop	R1589105	Absent	Absent
	9	10:30	db	Town Hall	R1589109	Absent	Absent
	11	10:15	db	RCMP	R1589108	Absent	Absent
		10:30	db	Shell	R1589140	Absent	Absent
	16	10:45	df	Universal Auto	R1589143	Absent	Absent
	18	10:15	db	7-11 Down Town	R1589133	Absent	Absent
		10:30	db	Town Shop	R1589135	Absent	Absent
	24	10:32	db	Barons Eureka	R1589118	Absent	Absent
	25	10:15	db	Tarpon	R1589126	Absent	Absent
10:31		db	Town Office	R1589127	Absent	Absent	
30	10:55	df	4708 56 Ave	R1589122	Absent	Absent	
Total Number Of Samples Analyzed							13
June	1	10:48	db	7-11 Highway	R1589111	Absent	Absent
		10:59	db	Town Hall	R1589142	Absent	Absent
	6	10:35	db	Town Shop	R1589138	Absent	Absent
	8	10:40	db	Shell	R1589128	Absent	Absent
		10:52	db	MD Office	R1589123	Absent	Absent
	13	10:22	db	7-11 DownTown	R1589144	Absent	Absent
	15	10:14	db	Tarpon	R1589102	Absent	Absent
		10:33	db	Town Hall	R1589147	Absent	Absent
	20	11:10	cz	5321 42 Ave	R1589136	Absent	Absent
	22	10:40	db	Barons Eureka	R1589115	Absent	Absent
		10:52	db	Town Hall	R1589112	Absent	Absent
	27	10:30	db	MD Office	R1589119	Absent	Absent
	29	10:20	db	Shell	R1589103	Absent	Absent
10:35		db	Barons Eureka	R1589106	Absent	Absent	
Total Number Of Samples Analyzed							14
July	4	10:30	bg	saunders ins	R1589131	Absent	Absent
	6	10:15	db	7-11 Highway	R1589139	Absent	Absent
		10:31	db	Town Hall	R1589132	Absent	Absent
	11	10:38	db	5044 45th Ave	R1589104	Absent	Absent
	13	10:23	db	7-11 Down Town	R1589120	Absent	Absent
		10:38	db	MD Office	R1589114	Absent	Absent
	18	10:40	db	shell	R1589149	Absent	Absent
	20	10:38	db	5044 45th ave	R1589124	Absent	Absent
		10:50	db	Barons Eureka	R1589110	Absent	Absent
	25	10:20	db	7-11 Highway	R1589121	Absent	Absent
27	10:25	db	police station	R1589116	Absent	Absent	
	10:48	db	Town Hall	R1589130	Absent	Absent	
Total Number Of Samples Analyzed							12
Aug	3	10:15	db	Town Shop	R1589137	Absent	Absent
		10:32	db	Town Hall	R1589129	Absent	Absent
	10	10:18	db	7-11 highway	R1589125	Absent	Absent
		10:28	db	Barons Eureka	R1589141	Absent	Absent
	17	10:50	bg	Saunders Ins.	R1688189	Absent	Absent
		10:45	bg	Police Station	R1688167	Absent	Absent
	22	10:30	bg	1st choice savings	R1589113	Absent	Absent
	24	10:30	bg	4308 52ave	R1688185	Absent	Absent
		10:45	bg	5808 52st	R1589107	Absent	Absent
	29	10:00	db	Town Hall	R1688196	Absent	Absent
31	10:25	db	5044 45st	R1688165	Absent	Absent	
Total Number Of Samples Analyzed							11

9. Approval No 1209-02-00 & 1209-02-01 Section 6.3.2 c – Monthly Bacteriological Sampling Summary (continued)

2011 Summary of Bacteriological Sampling

Month	Date	Time	Operator	LOCATION	Bactl Sample ID	E-Coli	
						Present or Absent/100 mL	
Sep	7	10:14	db	5044 45th ave	R1688195	Absent	Absent
		10:26	db	Town hall	R1688183	Absent	Absent
	12	11:50	df	4708 56th ave	R1688182	Absent	Absent
	14	10:10	db	Barons Eureka	R1688167	Absent	Absent
		10:26	db	Town Shop	R1688200	Absent	Absent
	19	10:45	cz	5321 42 Ave	R1688188	Absent	Absent
	21	10:25	db	MD Office	R1688164	Absent	Absent
		10:38	db	7-11 DT	R1688156	Absent	Absent
	26	10:10	db	5044 45th ave	R1688197	Absent	Absent
	28	10:15	db	town shop	R1688191	Absent	Absent
10:35		db	town hall	R1688194	Absent	Absent	
Total Number Of Samples Analyzed							11
Oct	3	10:30	df	4708 56ave	R1688193	Absent	Absent
		10:15	db	5044 45th ave	R1688175	Absent	Absent
	5	10:24	db	town hall	R1688198	Absent	Absent
		10:25	db	barons eureka	R1688177	Absent	Absent
	12	10:35	db	town shop	R1688184	Absent	Absent
		11:30	df	4708 56 ave	R1688166	Absent	Absent
	19	10:15	db	5044 45th ave	R1688178	Absent	Absent
		10:35	db	M.D. Office	R1688186	Absent	Absent
	24	10:12	db	7-11 Highway	R1688199	Absent	Absent
	26	10:09	db	truck fill	R1688173	Absent	Absent
31	10:23	db	Town Hall	R1688180	Absent	Absent	
Total Number Of Samples Analyzed							11
Nov	2	10:21	db	5044 45th ave	R1688152	Absent	Absent
		10:36	db	Town Hall	R1688190	Absent	Absent
	7	10:31	db	Town Hall	R1688169	Absent	Absent
	9	10:11	bc	town shop	R1688179	Absent	Absent
		10:25	db	shell	R1688161	Sample not processed	
	14	10:45	bc	Town Hall	R1688163	Absent	Absent
	16	10:00	db	Barons Eureka	R1688176	Absent	Absent
		10:20	db	Milliken Farm supply	R1688192	Absent	Absent
	21	10:20	db	7-11 highway	R1688181	Absent	Absent
	23	10:20	bc	shell	R1688174	Absent	Absent
		10:30	bc	4818 52 ave	R1688172	Present	Present
	25	12:25	bc	4818 52 ave	R1688154	NIL	NIL
		12:40	bc	4811 52 ave	R1688155	NIL	NIL
		12:55	bc	4823 52 ave	R1688151	NIL	NIL
28	10:30	bc	5321 42nd ave	R1688171	Absent	Absent	
30	10:25	bc	super 8	R1688153	Absent	Absent	
	10:43	bc	rumors	R1688158	Absent	Absent	
Total Number Of Samples Analyzed							12
Dec	5	10:30	bc	Town shop	R1688157	Absent	Absent
	7	10:35	bc	old seven 11	R1689653	Absent	Absent
		11:15	bc	Shell	R1689652	Absent	Absent
	12	10:01	db	5044 45th ave	R1688168	Absent	Absent
	14	10:04	bc	walmart	R1688159	Absent	Absent
		10:22	db	Town shop	R1689667	Absent	Absent
	19	10:10	bc	Super 8	R1688162	Absent	Absent
	21	10:10	db	5022 43rd ave	R1688160	Absent	Absent
		10:25	db	town hall	R1689661	Sample Not Processed	
	28	10:38	cz	5321 42 Ave	R1689654	Absent	Absent
11:00		df	4708 56 Ave	R1689656	Absent	Absent	
Total Number Of Samples Analyzed							10

- Samples that were not processed were due to operator not filling out form correctly.
- Sample shows present on November 23rd. 3 samples were taken on November 25th as part of Failed Bacteriological Results Protocol

10. Approval No 1209-02-00 Schedule 3 – Treated Water Quality – Primary Disinfection – CT Performance

Schedule 3: Treated Water Quality
2011 Treated Water Primary Disinfection - CT Performance

		Lowest Free Chlorine	Minimum Clearwell Level	Total Volume In WTP	Total Dist Flow	T-10 Calc = 0.1xTotal Vol/2xDist Flow	CT Lowest Actual	Temp Treated	pH Treated	CT Required - Giardia	CT Required - Virus	CT Performance Ratio - Giardia	Giardia Log Removal	CT Performance Ratio - Virus	Virus Log Removal
		mg/L	m	m ³	m ³	min	mg/L.min	°C		mg/L.min	mg/L.min				
Approval Requirements													≥0.5 Required		≥2 Required
Jan	Min	0.7	2.42	3,971	1,246	61	75	4.0	7.3	28	3	2.3	1.2	12.6	25.3
	Max	1.5	2.80	4,594	5,187	242	293	6.0	7.7	36	6	9.8	4.9	48.8	97.5
	Avg	1.2	2.66	4,358	3,429	98	117	4.9	7.5	31	5	3.8	1.9	27.1	54.1
Feb	Min	1.1	1.82	2,986	1,195	55	71	4.0	7.4	28	6	2.1	1.1	11.9	23.7
	Max	1.6	2.58	4,233	4,968	250	288	4.5	7.7	35	6	8.6	4.3	47.9	95.9
	Avg	1.3	2.11	2,468	3,186	73	92	4.1	7.5	33	6	3.1	1.5	16.8	33.5
Mar	Min	0.9	1.82	2,988	2,801	24	29	4.0	7.4	29	4	1.0	0.5	4.9	9.7
	Max	1.6	2.07	3,397	8,997	81	98	5.0	7.6	32	6	3.2	1.6	22.4	44.9
	Avg	1.3	1.90	3,117	5,605	43	57	4.8	7.5	31	5	2.0	1.0	11.8	23.7
Apr	Min	1.2	1.85	3,036	2,586	31	44	5.0	7.4	26	4	1.4	0.7	11.0	22.0
	Max	1.5	1.95	3,200	7,027	87	114	9.0	7.7	32	4	3.7	1.8	28.6	57.2
	Avg	1.4	1.90	3,111	5,149	44	61	6.5	7.6	30	4	2.1	1.1	15.9	31.8
May	Min	1.0	1.83	3,003	4,389	36	45	8.0	7.5	17	3	2.0	1.0	14.9	29.9
	Max	1.3	1.94	5,267	8,278	95	103	14.0	7.8	27	4	4.6	2.3	34.3	68.7
	Avg	1.1	1.89	3,174	5,752	57	63	12.0	7.7	21	3	3.0	1.5	20.4	40.8
Jun	Min	0.7	1.76	2,888	4,556	39	27	14.0	7.4	13	2	1.8	0.9	13.7	27.4
	Max	1.4	2.01	3,298	7,833	71	87	18.5	7.7	19	3	6.2	3.1	43.5	87.1
	Avg	1.2	1.88	3,090	5,732	56	66	16.0	7.5	15	2	4.4	2.2	31.2	62.4

11. Approval No 1209-02-00 & 1209-02-01 Schedule 3 – Treated Water Quality – Primary Disinfection – CT Performance (continued)

Schedule 3: Treated Water Quality
2011 Treated Water Primary Disinfection - CT Performance

		Lowest Free Chlorine	Minimum Clearwell Level	Total Volume In WTP	Max Hourly Dist Flow	CT Lowest Actual	Temp Treated	pH Treated	CT Required - Giardia	CT Required - Virus	CT Performance Ratio - Giardia	Giardia Log Removal	CT Performance Ratio - Virus	Virus Log Removal
		mg/L	m	m ³	L/min	mg.min/L	°C		mg.min/L	mg.min/L				
Approval Requirements												≥0.5 Required		≥2 Required
Jul	Min	0.7	1.71	2,806	6,833	27	18.5	7.4	10.4	1	2.5	1.2	15.3	30.6
	Max	1.6	2.01	3,298	10,583	54	21.4	7.7	13.8	2	4.6	2.3	53.6	107.1
	Avg	1.1	1.88	3,084	8,659	38	20.2	7.6	11.7	1	3.3	1.6	33.3	66.6
Aug	Min	0.6	1.74	2,855	6,153	17	21.2	7.6	9.8	1	1.5	0.7	16.6	33.2
	Max	1.3	2.03	3,331	11,208	58	22.6	7.8	12.0	1	4.9	2.4	57.9	115.9
	Avg	1.0	1.89	3,108	8,855	37	21.7	7.6	10.8	1	3.4	1.7	36.6	73.2
Sep	Min	0.6	1.87	3,068	5,597	19	15.3	7.6	11.4	1	1.4	0.7	9.6	19.2
	Max	1.2	2.04	3,347	9,563	57	20.8	7.8	16.2	2	4.6	2.3	56.2	112.4
	Avg	0.9	1.93	3,160	7,923	35	17.9	7.7	13.6	2	2.6	1.3	20.0	40.0
Oct	Min	0.3	1.93	3,167	3,625	22	8.9	7.4	13.8	2	1.6	0.8	10.9	21.8
	Max	1.8	2.17	3,561	7,826	113	15.2	7.6	24.6	4	5.7	2.8	37.7	75.3
	Avg	1.1	2.04	3,346	5,196	75	12.3	7.5	19.2	3	3.9	1.9	24.6	49.2
Nov	Min	0.9	1.87	3,068	3,181	42	2.1	7.5	24.6	4	1.1	0.6	7.0	14.0
	Max	1.5	2.31	3,784	7,903	129	8.6	7.7	40.3	6	4.7	2.3	32.4	64.7
	Avg	1.3	2.03	3,331	5,325	82	4.8	7.6	32.9	5	2.6	1.3	17.0	33.9
Dec	Min	0.7	1.88	3,085	2,792	43	1.4	7.5	36.2	6	1.1	0.5	7.2	14.3
	Max	1.3	2.14	3,511	7,931	124	2.4	7.7	41.4	6	3.1	1.5	20.7	41.4
	Avg	1.1	2.01	3,298	5,270	75	1.8	7.5	39.8	6	1.9	0.9	12.5	24.9

12. Semi-Annual Potable Water Analysis

The semi-annual analysis as listed in the approval to operate was conducted by EPCOR and Alberta Research Council. Copies of the analytical reports can be viewed in **Appendix 'A'**.

It should be noted that 2,4 D was detected (0.084 ppb) in the February sample and (0.070 ppb) in the June sample, however the levels detected are well below the Health Canada MAC of 100 ppb. In the July sample the level of aluminum detected was 0.145 mg/L which is slightly above the Health Canada aesthetic objective value of 0.1 mg/L.

13. EPCOR Water Quality Assurance Program

The EPCOR Water Services Quality Assurance Program for external sites is intended to be part of a larger overall company Quality Management System which ensures that the utility:

- can demonstrate that it can consistently meet regulatory requirements
- can demonstrate that it can meet internal operational requirements
- can enhance customer protection through effective application of a quality system
- continuously improves the overall quality system.

The EPCOR QA program is in place to ensure that water and wastewater quality data is reliable and technically (and legally) defensible, data is reported correctly, violations are reported in a timely manner, approval requirements are met, and water or wastewater quality problems are responded to effectively. For external and internal audit purposes EPCOR must be also be able to demonstrate that:

- it is doing what it says it is doing in all of its operations and it is has the documentation to back this claim up,
- data, and procedures for generating data, are verified by a qualified group that is independent of operations, and
- it is exercising due diligence by requiring that a reasonable level of quality assurance is in place at all external sites, and not only at the Edmonton operations.
- has identified risks to the utility and has prepared remedial action plans for improvements.

An acceptable defined level of quality assurance on operational performance is specifically required by the EPCOR Risk Management Internal Audit.

Components of the External Sites QA Program

To satisfy these general requirements, the EPCOR Water Services Quality Assurance section will act as an auditor independent of operational management at each external site. The goal is to ensure that data is produced, recorded and reported in manners that are consistent with ISO 17025 requirements.

The components of the quality assurance program will include:

1. Initial QA assessments of new sites.
2. Ongoing routine site QA audits.
3. Preparation of audit reports and follow-up.

4. Analysis of EPCOR internal monthly Proficiency Testing (PT) samples.
5. Analysis of semi-annual external PT samples under the AENV Alternate Laboratory Data Quality Assurance (ALDQA) or other suitable program (i.e. CALA). (Alberta sites only).
6. Review of monthly and annual utility performance reports.
7. Tracking and review of site incident reports.
8. Development and review of site cross-connection control program (CCC).
9. Development and review of site watershed protection programs.
10. Training of operators at external sites on analytical procedures as required.

The plan and procedures will be reviewed regularly, at least on an annual basis, and amended as necessary.

14. Additional Lab Testing

The tests in the table below were conducted by the EPCOR Rosedale lab and algae was tested at the University of Alberta.

2011 Summary of External Lab Testing
Additional Laboratory Results

Date	Sample Location	Parameter					
		THM	HAA	Giardia	Crypto	Microcystin	Algae
Approval Requirements	Frequency	Quarterly	Quarterly	Monthly (as of July 2009)	Monthly (as of July 2009)		
	Limit	100 µg/L	80 µg/L				
	Units	µg/L	µg/L	cysts/100L	oocysts/100L	µg/L	cells/mL
25-Jan-11	Chin Lake Pump House						280
25-Jan-11	WTP Raw Water Tap						480
25-Jan-11	WTP Raw Water Tap			< 2.0	< 2.0	< 0.5	
7-Feb-11	Riverbend Rock Products		54.7				
22-Feb-11	WTP Raw Water			<1.1	<1.1	<0.5	1600
22-Feb-11	WTP Treated Water			<0.1	<0.1		
22-Feb-11	Chin Lake Pump House						120
21-Mar-11	WTP Raw Water			<2.1	<2.1	<0.5	870
21-Mar-11	Chin Lake Pump House						430
4-Apr-11	WTP Treated Water	28.9					
4-Apr-11	5044 45 Ave	71.6					
4-Apr-11	Barons Eureka	68.5					
4-Apr-11	Riverbend	58.4					
4-Apr-11	WTP Raw Water			<1.0	<1.0	<0.5	180
4-Apr-11	Chin Lake Pump House						280
3-May-11	WWTP		57.6				
3-May-11	WTP Raw Water			<2.9	<2.9	<0.5	230
3-May-11	WTP Treated Water			<0.12	<0.12		
6-Jun-11	WTP Raw Water			<1.4	<1.4	<0.5	150
6-Jun-11	Chin Lake Pump House						140
6-Jun-11	4701 80 Ave	101.4					
21-Jun-11	WTP Raw Water						150
21-Jun-11	Chin Lake Pump House						120

15. Additional Lab Testing (continued)

**2011 Summary of External Lab Testing
Additional Laboratory Results**

Date	Sample Location	Parameter					
		THM	HAA	Giardia	Crypto	Microcystin	Algae
Approval Requirements	Frequency	Quarterly	Quarterly	Monthly (as of July 2009)	Monthly (as of July 2009)		
	Limit	100 µg/L	80 µg/L				
	Units	µg/L	µg/L	cysts/100L	oocysts/100L	µg/L	cells/mL
5-Jul-11	WTP Raw Water			<3.2	<3.2	<0.5	130
5-Jul-11	Chin Lake Pump House						110
1-Aug-11	WTP Treated Water			<0.3	<0.3		
2-Aug-11	WTP Raw Water			<2.0	<2.0	<0.5	350
2-Aug-11	Canal Intake						400
2-Aug-11	WTP Treated Water	52.8					
2-Aug-11	7-11 Highway	52.4					
2-Aug-11	Riverbend	51.7					
2-Aug-11	4701 80 Ave	91.8					
8-Aug-11	4701 80 Ave		52.2				
15-Aug-11	WTP Raw Water						340
15-Aug-11	Canal Intake						450
6-Sep-11	WTP Raw Water			<4.2	<4.2	<0.5	930
6-Sep-11	Canal Intake						190
19-Sep-11	WTP Raw Water					<0.5	460
19-Sep-11	Canal Intake						1600
3-Oct-11	WTP Raw Water			<2.7	<2.7	<0.5	510
3-Oct-11	Canal Intake						320
3-Oct-11	4701 80 Ave		64.0				
17-Oct-11	WTP Raw Water					<0.5	970
17-Oct-11	Chin Lake						340
12-Dec-11	WTP	22.2					
12-Dec-11	5044 45 Ave	21.9					
12-Dec-11	5023 50 Ave	16.4					
12-Dec-11	4701 80 Ave	47.9					
Min		28.9	52.2				110
Max		101.4	64.0				1600
Avg		64.2	57.1				449

16. Summary of Incidents Reported to Alberta Environment.

Date	AENV Ref #	Description
27-Jan-11	243858	Distribution flow meter – Water flooded the vault where flow meter was causing it to short resulting in high flow reading.
6-Jun-11	249483	Fluoride results in our semi-annual sample was lower than our approval limits.
13-Oct-11	252708	Chlorine Analyzer on Water Entering Distribution System failed.

17. Summary of Operational Problems

Generally the plant ran very well throughout the year. We rewound our main high lift pump motor, rebuilt a backwash waste pump, rebuilt a compressor and did some service to a few actuators. We did have a flow meter on water entering distribution fail which was replaced during the following week. Also the motor in our Chlorine Analyzer on the Water Entering the Distribution System failed which required us to call in a contractor to get it repaired. We had one low fluoride reading when we did our semi-annual samples. Town Council has voted on whether or not to remove adding fluoride to the water system and an amendment was provided by Alberta Environment and Water to state that we no longer need to add fluoride. The practice of adding fluoride to the water system was stopped in mid-November. We did experience some taste and odor issues during the late summer and early fall due to algae blooms in the raw water source and storage reservoirs.

18. Water Distribution Summary

There were 5 repairs made to leaks on water mains this year and 4 valves that required replacement. There were 2 lead services that were replaced. 5 fire hydrants were replaced and several minor repairs made to other hydrants. All fire hydrants within Town property were flushed and inspected.

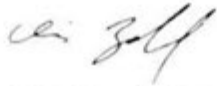
19. Operations Program

The Operations Program has been developed and copies are located both at the Water Treatment Plant and at the main office which is in the Wastewater Treatment Plant. There are no updates to the plan to report this year.

20. Supervising Operator

The supervising operator was Chris Zuidhof. A summary of all certified operators who were responsible for the daily operations of the Taber Waterworks System is shown below.

NAME	Certification Level WT	Certification Level WD	Certificate Number
Darcy Janzen	III	II	2945
Chris Zuidhof	II	II	3373
Darren Peel	II	II	3697
Steve Solic	II	II	R0642
Gerald Kraynyk	II		4211
Braden Gardner	II	I	3803
Doug Farough	II	II	3852
Doug Blindback	II	I	3968
Rylee Farough		II	4070
Brent Hamilton		II	4054

Operator in Charge: 

 Signature

Chris Zuidhof
 Printed

Date: January 31, 2011

TOWN OF TABER
2011 ANNUAL REPORT

**WASTEWATER TREATMENT
&
WASTEWATER COLLECTION**

WASTEWATER SYSTEM
APPROVAL NUMBER 1210-03-00 & 1210-03-01



Wastewater Treatment & Wastewater Collection

1. Wastewater System Introduction

EPCOR Water Services has prepared the Water and Wastewater Annual reports on behalf of the Town of Taber. EPCOR has signed an agreement with the Town to operate and maintain the wastewater system in Taber which became effective February 1st, 2008

2. Approval No 1210-03-01 Table 6-1: Monitoring & Reporting – Minimums, Maximums, & Averages

Approval 1210-03-01
2011 Taber Aerated Lagoon Wastewater Treatment Plant
Table 6-1 : Monitoring & Reporting

		Flow (m3/d)	TSS (mg/L)			BOD5 (mg/L)	CBOD (mg/L)	
		Aeration Lagoon Influent	Aeration Lagoon Influent	3rd Cell Effluent	(1)Transferred Effluent / Irrigation Discharge	Aeration Lagoon Influent	3rd Cell Effluent	(1)Transferred Effluent / Irrigation Discharge
Approval Requirements					< 100 mg/L			< 100 mg/L
Jan	Min	711	784	78		316	19	
	Max	2,494	1,464	186		470	52	
	Avg	1,719	1,039	123		391	34	
	Total	53,302						
Feb	Min	617	144	105		339	24	
	Max	2,535	858	149		871	66	
	Avg	1,787	561	124		544	42	
	Total	50,030						
Mar	Min	471	324	129		352	35	
	Max	2,656	1,130	299		1,130	246	
	Avg	1,845	745	236		635	98	
	Total	57,208						
Apr	Min	716	452	246	11	219	15	<2
	Max	3,320	1,164	290	33	436	56	8
	Avg	2,334	830	267	21	317	25	5
	Total	70,032						
May	Min	1,247	923	189	13	768	26	7
	Max	3,641	2,940	300	47	1,440	35	28
	Avg	2,401	1,885	229	32	1,022	31	18
	Total	74,430						
Jun	Min	1,207	815	205	20	374	21	12
	Max	10,932	1,265	380	52	909	60	55
	Avg	3,142	1,056	268	35	675	34	28
	Total	94,249						

(1)Wastewater in the Transferred Effluent/Irrigation Discharge column is a combination of effluent transferred to the old lagoon and effluent pumped through irrigation. The sample point is a common header found in the pumphouse and with the effluent being discharged by irrigation so infrequently it is hard to differentiate the locations.

3. Approval No 1210-03-01 Table 6-1: Monitoring & Reporting – Minimums, Maximums, & Averages (Continued)

Approval 1210-03-01
2011 Taber Aerated Lagoon Wastewater Treatment Plant
Table 6-1 : Monitoring & Reporting

		Flow (m3/d)	TSS (mg/L)			BOD5 (mg/L)	CBOD (mg/L)	
		Aeration Lagoon Influent	Aeration Lagoon Influent	3rd Cell Effluent	⁽¹⁾ Transferred Effluent / Irrigation Discharge	Aeration Lagoon Influent	3rd Cell Effluent	⁽¹⁾ Transferred Effluent / Irrigation Discharge
Approval Requirements					< 100 mg/L			< 100 mg/L
Jul	Min	1,018	300	200	32	403	15	10
	Max	3,046	1,360	265	449	448	83	23
	Avg	1,968	776	226	124	433	58	17
	Total	61,020						
Aug	Min	905	670	79	18	355	4	2
	Max	2,413	1,555	215	100	1,009	51	16
	Avg	1,791	884	161	59	619	27	9
	Total	55,513						
Sep	Min	811	567	139		422	6	
	Max	2,396	810	159		957	54	
	Avg	1,813	706	149		699	21	
	Total	54,381						
Oct	Min	637	470	90		335	62	
	Max	7,564	880	132		560	131	
	Avg	1,883	689	105		407	87	
	Total	58,379						
Nov	Min	545	410	43		489	2	
	Max	2,237	1,155	102		635	66	
	Avg	1,699	815	74		549	17	
	Total	50,963						
Dec	Min	1,034	835	45		278	14	
	Max	4,008	2,670	138		1,191	22	
	Avg	2,148	1,489	85		694	19	
	Total	66,588						

⁽¹⁾Wastewater in the Transferred Effluent/Irrigation Discharge column is a combination of effluent transferred to the old lagoon and effluent pumped through irrigation. The sample point is a common header found in the pumphouse and with the effluent being discharged by irrigation so infrequently it is hard to differentiate the locations.

4. Approval No 1210-03-01 Table 6-1: Monitoring & Reporting – Minimums, Maximums, & Averages (Continued)

2011 Irrigation Pivot Flows

Month	Total Pumped (m3)	Dates of Pumping	Total Days Pumped/Month
July	334,494	5, 7-31	26
August	21,271	1-4	4
September	61,539	2, 26-28	4
Min	21,271		4
Max	334,494		26
Avg	139,101		11
TOTAL	417,304		34
Daily Avg	12,274		

5. Approval No 1210-03-00 Table 6-2: Monitoring & Reporting – Minimums, Maximums, & Averages

Approval 1210-03-00
 2011 Taber Activated Sludge Wastewater Treatment Plant
 Table 6-2 : Monitoring & Reporting

		FLOW (m ³)		BOD ₅ (mg/L)	CBOD (mg/L)	TSS (mg/L)		Phosphorous (mg/L)		Ammonia-Nitrogen (mg/L)		Total Coliform (CFU/100mL)	Fecal Coliform
		BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Effluent	BNR Effluent
Approval Requirements				Effluent = <20 mg/L CBOD ⁵		Effluent = <20 mg/L		Effluent = <1.0 mg/L		Effluent = <10 mg/L Oct 1 to Jun 30, <5.0 mg/L Jul 1 to Sep 30		<1000 CFU/100 mL (geo mean)	<200 CFU/100 mL (geo mean)
Jan	Min	3,226	2,378	95	<2	96	2	2.45	0.08	12.6	<0.5	<1	<1
	Max	4,958	4,585	373	11	469	13	5.25	0.28	20.6	1.2	25	3
	Avg	3,648	3,311	164	3	207	5	3.40	0.14	17.1	0.5	4	<1
	Total	113,089	102,637										
Feb	Min	3,576	3,250	51	<2	46	2	1.50	0.09	7.4	<0.5	<1	<1
	Max	5,205	4,363	282	6	584	7	6.25	0.72	17.0	5.0	14	<1
	Avg	3,921	3,549	155	2	232	4	3.16	0.16	14.7	0.9	3	<1
	Total	109,797	95,813										
Mar	Min	3,290	2,988	61	<2	142	1	1.85	0.07	8.7	<0.5	<1	<1
	Max	4,921	4,695	536	14	466	13	5.85	0.34	17.8	3.8	70	7
	Avg	4,193	3,924	194	3	244	5	3.17	0.15	14.6	0.8	2	<1
	Total	129,977	121,657										
Apr	Min	4,801	3,661	29	<2	104	7	0.90	0.11	6.8	<0.5	<1	<1
	Max	8,738	8,183	384	14	502	134	3.65	0.39	12.6	1.0	38	5
	Avg	6,827	6,417	115	4	242	19	1.96	0.19	8.6	0.5	2	1
	Total	204,807	192,514										
May	Min	4,806	4,527	50	<2	59	2	1.05	0.07	6.2	<0.5	<1	<1
	Max	8,566	8,196	260	6	434	14	7.45	0.65	12.2	<0.5	14	5
	Avg	6,148	5,809	118	3	241	6	2.37	0.21	9.5	<0.5	2	1
	Total	190,586	180,065										
Jun	Min	4,859	4,492	29	<2	78	4	0.75	0.19	3.7	<0.5	<1	<1
	Max	11,065	10,711	157	6	418	19	2.65	0.82	10.1	<0.5	61	12
	Avg	7,619	7,284	74	3	180	9	1.53	0.50	7.0	<0.5	12	2
	Total	228,564	218,508										

**6. Approval No 1210-03-00 Table 6-2: Monitoring & Reporting – Minimums, Maximums, & Averages
(Continued)**

Approval 1210-03-00
2011 Taber Activated Sludge Wastewater Treatment Plant
Table 6-2 : Monitoring & Reporting

		FLOW (m ³)		BOD ₅ (mg/L)	CBOD (mg/L)	TSS (mg/L)		Phosphorous (mg/L)		Ammonia-Nitrogen (mg/L)		Total Coliform (CFU/100mL)	Coliform (CFU/100mL)
		BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Influent	BNR Effluent	BNR Effluent	BNR Effluent
Approval Requirements				Effluent = <20 mg/L CBOD ⁵		Effluent = <20 mg/L		Effluent = <1.0 mg/L		Effluent = <10 mg/L Oct 1 to Jun 30. <5.0 mg/L Jul 1 to Sep 30		<1000 CFU/100 mL (geo mean)	<200 CFU/100 mL (geo mean)
Jul	Min	4,237	4,033	51	<2	115	2	1.40	0.10	8.7	<0.5	<1	<1
	Max	5,546	5,336	153	19	277	12	3.70	0.77	15.2	2.4	17	8
	Avg	4,900	4,679	94	3	167	5	2.10	0.54	10.8	0.6	2	1
	Total	151,910	145,032										
Aug	Min	4,251	4,009	63	<2	137	3	0.65	0.07	11.0	<0.5	<1	<1
	Max	4,767	4,515	296	6	280	7	3.60	0.39	16.5	<0.5	3	2
	Avg	4,571	4,338	126	2	178	5	2.27	0.13	12.2	<0.5	1	1
	Total	141,699	134,490										
Sep	Min	3,788	3,465	81	<2	57	2	1.50	0.04	11.1	<0.5	<1	<1
	Max	4,835	4,578	304	11	216	19	4.75	0.36	15.3	1.9	47	15
	Avg	4,178	3,911	143	3	163	4	2.63	0.12	13.6	0.6	5	2
	Total	121,159	117,343										
Oct	Min	3,853	2,991	75	<2	40	2	0.95	0.06	5.8	<0.5	<1	<1
	Max	6,969	6,620	451	3	399	12	4.00	0.26	15.6	<0.5	58	<1
	Avg	4,584	4,280	122	2	164	4	2.34	0.11	12.8	<0.5	2	<1
	Total	142,099	132,664										
Nov	Min	3,866	3,260	91	<2	112	3	2.15	0.04	12.7	<0.5	<1	<1
	Max	4,500	4,716	225	11	240	13	4.30	0.25	17.0	1.0	28	3
	Avg	4,108	3,819	142	3	167	6	2.79	0.13	14.2	0.5	1	1
	Total	123,225	114,560										
Dec	Min	3,778	3,472	53	<2	44	3	1.60	0.07	9.6	<0.5	<1	<1
	Max	4,158	3,871	213	5	263	9	4.00	0.21	19.1	2.9	12	1
	Avg	3,973	3,696	145	3	180	6	2.71	0.14	14.8	0.8	2	<1
	Total	123,174	114,567										

7. Irrigation Study

As per Section 3.1 of the approval, an Irrigation Study was completed and submitted by EBA Engineering in July. There were no major findings or recommendations that came out of the report, other than to continue with the ground water monitoring program.

8. Chemical Use

There are no chemicals being used in the wastewater treatment process.

A nitrate based chemical called BioMagic, now called Oxy-N8, is being used to reduce the level of hydrogen sulfide gas being produced in the sludge storage tanks at the BNR treatment plant.

9. Approval No 1210-03-00 Table 6-1: Monitoring & Reporting – Sludge Disposal

Table 6-1 : Monitoring & Reporting
Sludge Disposal

Date	Weight of Sludge Trucked to Compost Facility (tonnes)
06-Jan-11	20.26
Annual Total	20.26

It should be noted that for the period from January to the end of the year in December, no sludge was hauled to the compost facility. The solids dewatering operations had to be shut down due to unsafe levels of hydrogen sulfide gas in the sludge storage tanks and dewatering process. During this time the sludge was diverted to the industrial aerated lagoon system for treatment. This sludge diversion did not impact the effluent quality of the lagoons treatment process. The reason for the high levels of hydrogen sulfide gas began again due to trouble with the primary sludge fermenter operations, which was exacerbated by the break down issues with the fermenter sludge pumps. The trouble with the pumps has been corrected, fermenter operations have improved to the point of hydrogen sulfide gas levels once again returning to level with which the Oxy-N8 is proven effective.

10. Additional Lab Testing

2011 Monthly Wastewater Quality Report Summary Additional Lab Testing

Date	Sample Location	Parameter (mg/L)
		VFA
14-Feb-11	Fermenter Wier	67.5
5-Apr-11	Fermenter Wier	18.2
31-May-11	Fermenter Wier	65.6
13-Jul-11	Fermenter Wier	240
9-Aug-11	Fermenter Wier	307.3
21-Sep-11	Fermenter Wier	357.2
12-Oct-11	Fermenter Wier	134.1
16-Nov-11	Fermenter Wier	42.2
14-Dec-11	Fermenter Wier	141.9
Min		18.2
Max		357.2
Avg		152.7

11. Summary of Incidents Reported to Alberta Environment

Date	AENV Ref #	Description
25-Apr-11	246312	Coliform samples were missed due to no plates for the testing.
7-Jun-11	248083	Scum sump overflowed due to high flows and a valve not closed all the way.
Jul-11	250066	Lagoon effluent exceeded the <100 mg/L for TSS

12. Summary of Operational Problems


Overall the wastewater treatment processes ran quite well throughout the year, with the exception of three contraventions, those being in April, June and July. The BNR treatment plant produced excellent effluent quality throughout the entire year.

The solids dewatering process at the BNR treatment plant had to be shut down for safety reasons for most of the year due to problems with H₂S gas in the sludge storage tanks and dewatering process, as mentioned in section 9.

13. Supervising Operator

The supervising operator was Darcy Janzen. A summary of all certified operators who were responsible for the daily operations of the Taber Wastewater System is shown below.

NAME	Certification Level WWT	Certification Level WWC	Certificate Number
Darcy Janzen	III	II	2945
Gerald Kraynyk	III		4211
Chris Zuidhof	II	II	3373
Darren Peel	II	II	3697
Steve Solic	I	II	R0642
Braden Gardner	II	I	3803
Doug Farough	I	II	3852
Doug Blindback	I	I	3968
Rylee Farough		II	4070
Brent Hamilton		II	4054

Operator in Charge: 

 Signature

Darcy Janzen

 Printed

Date: January 31, 2012

APPENDIX A

SEMI-ANNUAL POTABLE WATER ANALYSIS RESULTS



QUALITY ASSURANCE LABORATORY ANALYTICAL REPORT

Mail:
6th Floor, Capital Square
10065 Jasper Avenue
Edmonton, Alberta
T5J 3B1

Location:
Water Laboratory
Rosedale Water Treatment Plant
9469 Rosedale Road
Edmonton, Alberta
TSK 0A5

Tel: (780) 412-7614
Fax: (780) 412-7717

Submission: 2011-02-15-003

Date Logged: 15-Feb-2011 10:43

Results To: DARCY JANZEN/ DAREN PEEL

Sample Condition: See Notes Below

Address: EPCOR WATER SERVICES
5100-40 AVE
TABER, AB
T1G 1B9

Tel: (403)634-9616
Fax:
Customer PO: 90-089-896712-2406-819-5250
Project ID: TABER
Receiving Temp (Deg Cel): 5

Report ID: VRS CRCBS8 28-Feb-2011 10:39

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
BA43675	Sample Condition: COLD, SAMPLE INTACT, DOCUMENTED				Sample Notes:	TOC BOTTLE MISSING / <i>Sub sampled - ok</i>					

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
					Analysis Code:	NWL_METALS(TW22)					
BA43675	14-Feb-2011 10:30		TABER		SAUNDERS		0.080	mg/L	23-Feb-11	EXOVA	0.005
						100275 Aluminum	<0.0002	mg/L	23-Feb-11	EXOVA	0.0002
						100276 Antimony	0.0004	mg/L	23-Feb-11	EXOVA	0.0002
						100000 Arsenic	0.0990	mg/L	23-Feb-11	EXOVA	0.001
						99969 Barium	0.019	mg/L	23-Feb-11	EXOVA	0.002
						99820 Boron	0.00001	mg/L	23-Feb-11	EXOVA	0.00001
						99973 Cadmium	41.4	mg/L	23-Feb-11	EXOVA	0.2
						99974 Calcium	<0.0005	mg/L	23-Feb-11	EXOVA	0.0005
						99975 Chromium	0.013	mg/L	23-Feb-11	EXOVA	0.001
						99977 Copper	<0.05	mg/L	23-Feb-11	EXOVA	0.05
						99978 Iron	0.0002	mg/L	23-Feb-11	EXOVA	0.0001
						99979 Lead	17.4	mg/L	23-Feb-11	EXOVA	0.1
						99981 Magnesium	<0.005	mg/L	23-Feb-11	EXOVA	0.005
						99982 Manganese	0.0007	mg/L	23-Feb-11	EXOVA	0.0005
						99984 Nickel	2.9	mg/L	23-Feb-11	EXOVA	0.4
						99986 Potassium	0.0004	mg/L	23-Feb-11	EXOVA	0.0002
						99987 Selenium	0.330	mg/L	23-Feb-11	EXOVA	0.05
						99988 Silicon	<0.00001	mg/L	23-Feb-11	EXOVA	0.00001
						99832 Silver	21.1	mg/L	23-Feb-11	EXOVA	0.4
						99990 Sodium	0.0010	mg/L	23-Feb-11	EXOVA	0.0005
						99837 Uranium	0.0030	mg/L	23-Feb-11	EXOVA	0.001
						99998 Zinc					
BA43675	14-Feb-2011 10:30		TABER		SAUNDERS	10:03 Alkalinity, total	128	mg CaCO3/L	15-Feb-11	MANBEER	3

Report ID: VRS CRCBS6 28-Feb-2011 10:39

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	101406	Ammonia as N	<0.05	mg/L	22-Feb-11	MB	0.05
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	103468	Bromate	<0.005	mg/L	16-Feb-11	MFRENCH	0.005
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	97804	Chlorate, dissolved	<0.01	mg/L	15-Feb-11	MFRENCH	0.01
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	97805	Chlorite, dissolved	<0.005	mg/L	16-Feb-11	MFRENCH	0.005
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	103123	Chloride, dissolved	9.65	mg/L	16-Feb-11	MFRENCH	0.05
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	100534	Chlorine, free	0.72	mg/L	15-Feb-11	IVANBEER	0.03
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	17104	Chlorine, total	1.02	mg/L	15-Feb-11	IVANBEER	0.03
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	2020	Colour	1	TCU	15-Feb-11	IVANBEER	1
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	101253	Cyanide, dissolved	<0.001	mg/L	23-Feb-11	EXOVA	0.001
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	9106	Fluoride, dissolved	0.85	mg/L	15-Feb-11	IVANBEER	0.01
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	10609	Hardness, total	169	mg CaCO ₃ /L	15-Feb-11	IVANBEER	2
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	101254	Mercury	<0.0001	mg/L	23-Feb-11	EXOVA	0.0001
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	103127	Nitrite (as N)	<0.01	mg/L	16-Feb-11	MFRENCH	0.01
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	103126	Nitrate (as N)	0.23	mg/L	16-Feb-11	MFRENCH	0.01
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	99963	pH	7.6	N/A	15-Feb-11	IVANBEER	
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	103129	Sulphate, dissolved	68.5	mg/L	16-Feb-11	MFRENCH	0.05
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	16003	Sulphide	<0.002	mg/L	23-Feb-11	EXOVA	0.002
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	99556	Total Dissolved Solids	238	mg/L	16-Feb-11	RCHIMKO	10
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	102623	Total Organic Carbon	3.1	mg/L	18-Feb-11	MLAKUSTA	0.1
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	101168	Turbidity	0.1	NTU	15-Feb-11	IVANBEER	0.02
BA43675	14-Feb-2011 10:30		TABER	SAUNDERS	99202	UV 254 % Transmittance	90.3	%T _{1cm}	15-Feb-11	IVANBEER	1

Other Services:

Report ID: VRS CRCBS6 28-Feb-2011 10:39

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
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The results relate only to the samples tested. This report should not be reproduced except in full, without written approval of the laboratory.

Notes:	<p>TOC BOTTLE MISSING. - Sub sampled from guess UV_T. <i>Results are compliant @ GCDWA</i></p>	
REPORT DATE:	<p><u>01-MAR-2011</u></p>	<p>CERTIFIED BY: <u><i>John Peran</i></u> John Peran / Lab Supervisor</p>

ALBERTA RESEARCH COUNCIL ORGANICS ANALYSIS DATA SHEET APC SAMPLE NUMBER T11-0319

Municipal Water Works Project No: ADFCAQ
 Station: A805AG0482 Results To: MM Town of Taber
 Location: Saunders Attn: Darren Peel
 Matrix: 10 Treated water, Box 4702
 Sample Date: 14-Feb-11 @ 1030 Taber, Alberta
 End Date: @ Date Received: 16-Feb-11 By: SS T1G 2E1

VW_CODE	COMPOUND NAME	ppb	Flag	MDL	-1-	VW_CODE	COMPOUND NAME	ppb	Flag	MDL	-1-
Scan MM11 Extract 23-Mar-11 By KLS Analyze 1-Mar-11 By KLS DataFile M0319											
106378	Microcystin LR	0.000		.010		106379	Microcystin RR	0.000		.010	
108211	Microcystin Total	0.000		.010		106377	Microcystin YR	0.000		.010	
Scan MM11 Extract 28-Feb-11 By JGG Analyze 16-Mar-11 By JGG DataFile p0319											
100667	2,4-D	0.000	H	.005	.005	100674	Atrazine	0.000		.005	.002
100676	Bromoxynil	0.000	H	.005	.002	100604	Chlorpyrifos (Dursban)	0.000		.005	.002
100678	Cyanazine	0.000		.050	.008	100679	Glazipron	0.000		.005	.002
103639	Dicamba (Banvel)	0.000	H	.005	.002	100681	Diclofop-methyl (Ice Grass)	0.000		.020	.004
102518	Dinethate (Cygon)	0.000		.050	.007	100683	Olunon	0.000		.200	.250
100690	MCPA	0.000	H	.005	.002	100689	Malathion	0.000		.050	.008
102935	Metolachlor	0.000		.005	.002	103631	Metribuzin	0.000		.010	.004
100693	Picloram (Tordon)	0.000		.005	.002	103824	Simazine	0.000		.010	.004
100695	Terbufos	0.000		.010	.004	100696	Triallate (Avadex BM)	0.000		.005	.002
100697	Trifluralin (Treflan)	0.000		.005	.002	100673	p,p-Methoxychlor	0.000		.010	.004
Scan MM11 Extract 22-Feb-11 By JGG Analyze 24-Feb-11 By JGG DataFile r0319											
106973	Nitritotriacetic acid	0.000		.200							
Scan MM11 Extract 15-Feb-11 By drc Analyze 17-Feb-11 By drc DataFile E0319											
103632	2,3,4,6-Tetrachlorophenol	0.000		.100	.200	100708	2,4,6-Trichlorophenol	0.000		.100	.200
100700	2,4-Dichlorophenol	0.000		.100	.200	100706	Pentachlorophenol	0.000		.100	.200
Scan MM11 Extract 23-Feb-11 By JGG Analyze 23-Feb-11 By JGG DataFile g0319											
103452	Glyphosate	0.000		.200							
Scan MM11 Extract 24-Feb-11 By rar Analyze 24-Feb-11 By rar DataFile P0319											
103149	Benzo(a)pyrene	0.000		.010							
Scan MM11 Extract 22-Feb-11 By SS Analyze 22-Feb-11 By SS DataFile Y0319											
95211	1,2-Dichlorobenzene	0.000		.100	.100	95215	1,2-Dichloroethane	0.000		.100	.100
95213	1,4-Dichlorobenzene	0.000		.100	.100	95200	Benzene	0.000		.100	.100
95201	Bromodichloromethane	4.002	H	.100	.200	95204	Carbon tetrachloride	0.000		.100	.100
95205	Chlorobenzene	0.000		.100	.100	95221	Ethyl benzene	0.000		.100	.100
95222	Methylene chloride	0.000		2.000	.100	100397	TRICHALDETHANES	46.199	H	.100	.200
95225	Tetrachloroethylene	0.000		.300	.100	95226	Toluene	0.000		.100	.100
100654	Trichloroethylene	0.000		.100	.100	95232	Vinyl chloride	0.000		.500	.100
100407	XYLENES	0.000		.100	.100	95234	m,p-Xylene	0.000		.100	.100
95233	o-Xylene	0.000		.100	.100						

Zero (0) values indicate that the analyte is not DETECTED. MDL - Method Detection Limit
 flags: B - This analyte is found in the blank as well as the sample. The blank value has been subtracted.
 E - Estimated value. The target compound meets the identification criteria, but is less than the MDL.
 H - Compound Detected Q - Qualifying ions present but failed the ion ratio limits.
 N - This value is calculated by an alternate Raw Datafile.

Certified For: Grant Prill Program Leader Mail to: MM Town of Taber
 Organic Environmental Monitoring Attn: Darren Peel
 Alberta Innovates - Technology Futures
 Date: 11-Apr-11 BAG 4000, VEGREVILLE, ALBERTA Box 4702
 Contact No. (780) 632-8455 T9C LT4 Taber, Alberta T1G 2E1

If there are any questions or concerns regarding this report, please contact the person indicated above.
 Please check the mailing information and inform the lab if changes are required.

*Microcystin-LR is not ISO 17025 accredited test for Alberta Innovates.

QUALITY ASSURANCE LABORATORY ANALYTICAL REPORT		
Mail: 6th Floor, Capital Square 10065 Jasper Avenue Edmonton, Alberta T5J 3B1	Location: Water Laboratory Rossdale Water Treatment Plant 9409 Rossdale Road Edmonton, Alberta T5K 0A5	Tel: (780) 412-7614 Fax: (780) 412-7717
Submission: 2011-06-07-020	Date Logged: 7-Jun-2011 14:52	
Results To: CHRIS ZUIDHOF/ DAREN PEEL	Sample Condition: See Notes Below	
Address: EPCOR WATER SERVICES 5100-40 AVE TABER, AB T1G 1B9	Tel: 403-634-2480 Fax: 403-223-5562 Customer PO: 90-089-896712-2405-819-5250 Project ID: TABER Receiving Temp (Deg Cel): 12	

Report ID: VRS CRCBS6 22-Jun-2011 15:34

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
BA47180	Sample Condition: COLD, SAMPLE INTACT, DOCUMENTED			Sample Notes:							

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
					Analysis Code:	NWL_METALS(TW22)					
BA47180	06-Jun-2011	09:55	TABER	WWTP			0.145	mg/L	20-Jun-11	EXOYA	0.005
					100275	Aluminum	<0.0002	mg/L	20-Jun-11	EXOYA	0.0002
					100276	Antimony	0.0006	mg/L	20-Jun-11	EXOYA	0.0002
					100000	Arsenic	0.096	mg/L	20-Jun-11	EXOYA	0.001
					99969	Barium	0.020	mg/L	20-Jun-11	EXOYA	0.002
					99820	Boron	<0.00001	mg/L	20-Jun-11	EXOYA	0.0000
					99974	Cadmium	39.0	mg/L	20-Jun-11	EXOYA	0.2
					99975	Chromium	<0.0005	mg/L	20-Jun-11	EXOYA	0.0005
					99977	Copper	0.042	mg/L	20-Jun-11	EXOYA	0.001
					99978	Iron	<0.05	mg/L	20-Jun-11	EXOYA	0.05
					99979	Lead	<0.0001	mg/L	20-Jun-11	EXOYA	0.0001
					99981	Magnesium	16.7	mg/L	20-Jun-11	EXOYA	0.1
					99982	Manganese	<0.005	mg/L	20-Jun-11	EXOYA	0.005
					99984	Nickel	0.0016	mg/L	20-Jun-11	EXOYA	0.0005
					99986	Potassium	3.1	mg/L	20-Jun-11	EXOYA	0.4
					99987	Selenium	0.0006	mg/L	20-Jun-11	EXOYA	0.0002
					99988	Silicon	0.280	mg/L	20-Jun-11	EXOYA	0.05
					99832	Silver	0.00001	mg/L	20-Jun-11	EXOYA	0.0000
					99990	Sodium	21.8	mg/L	20-Jun-11	EXOYA	0.4
					99837	Uranium	0.0011	mg/L	20-Jun-11	EXOYA	0.0005
					99998	Zinc	0.01	mg/L	20-Jun-11	EXOYA	0.001
BA47180	06-Jun-2011	09:55	TABER	WWTP	10103	Alkalinity, total	115	mg CaCO3/L	8-Jun-11	WANBEER	3

							Report ID: VRS CRCBS6	22-Jun-2011	15:34		
Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
BA47180	06-Jun-2011 09:55		TABER	WWTP	101405	Ammonia as N	<0.05	mg/L	9-Jun-11	RCHMKO	0.05
BA47180	06-Jun-2011 09:55		TABER	WWTP	103468	Bromate	<0.005	mg/L	9-Jun-11	MF	0.005
BA47180	06-Jun-2011 09:55		TABER	WWTP	97804	Chlorate, dissolved	<0.01	mg/L	9-Jun-11	MF	0.01
BA47180	06-Jun-2011 09:55		TABER	WWTP	97805	Chlorite, dissolved	<0.005	mg/L	9-Jun-11	MF	0.005
BA47180	06-Jun-2011 09:55		TABER	WWTP	103123	Chloride, dissolved	11.5	mg/L	9-Jun-11	MF	0.05
BA47180	06-Jun-2011 09:55		TABER	WWTP	100534	Chlorine, free	0.30	mg/L	8-Jun-11	MANBEER	0.03
BA47180	06-Jun-2011 09:55		TABER	WWTP	17104	Chlorine, total	0.50	mg/L	8-Jun-11	MANBEER	0.03
BA47180	06-Jun-2011 09:55		TABER	WWTP	2020	Colour	<1	TCU	8-Jun-11	MANBEER	1
BA47180	06-Jun-2011 09:55		TABER	WWTP	101253	Cyanide, dissolved	<0.001	mg/L	20-Jun-11	EXOVA	0.001
BA47180	06-Jun-2011 09:55		TABER	WWTP	9106	Fluoride, dissolved	0.57	mg/L	8-Jun-11	MANBEER	0.01
BA47180	06-Jun-2011 09:55		TABER	WWTP	10609	Hardness, total	172	mg CaCO3/L	8-Jun-11	MANBEER	2
BA47180	06-Jun-2011 09:55		TABER	WWTP	101254	Mercury	<0.0001	mg/L	20-Jun-11	EXOVA	0.0001
BA47180	06-Jun-2011 09:55		TABER	WWTP	103127	Nitrite (as N)	<0.01	mg/L	9-Jun-11	MF	0.01
BA47180	06-Jun-2011 09:55		TABER	WWTP	103126	Nitrate (as N)	0.16	mg/L	9-Jun-11	MF	0.01
BA47180	06-Jun-2011 09:55		TABER	WWTP	99963	pH	7.8	N/A	8-Jun-11	MANBEER	
BA47180	06-Jun-2011 09:55		TABER	WWTP	103129	Sulphate, dissolved	81.9	mg/L	9-Jun-11	MF	0.05
BA47180	06-Jun-2011 09:55		TABER	WWTP	16003	Sulphide	<0.005	mg/L	20-Jun-11	EXOVA	0.005
BA47180	06-Jun-2011 09:55		TABER	WWTP	99558	Total Dissolved Solids	242	mg/L	15-Jun-11	RCHMKO	10
BA47180	06-Jun-2011 09:55		TABER	WWTP	102823	Total Organic Carbon	3.3	mg/L	9-Jun-11	PAUL JOHAL	0.1
BA47180	06-Jun-2011 09:55		TABER	WWTP	101168	Turbidity	0.14	NTU	8-Jun-11	MANBEER	0.02
BA47180	06-Jun-2011 09:55		TABER	WWTP	99202	UV 254 % Transmittance	90.6	%T _{1cm}	8-Jun-11	MANBEER	1

Other Services:

Sample Id	Sample Date	Client ID	Location	Sample Point	Method	Test	Result	Units	Entry Date	Analyst	MDL
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Report ID: VRS CRCBS6 22-Jun-2011 15:34

The results relate only to the samples tested. This report should not be reproduced except in full, without written approval of the laboratory.

Notes:	<i>Results are compliant with GGDW Q</i>
REPORT DATE: <u>22-Jun-2011</u>	CERTIFIED BY: <u><i>[Signature]</i></u> John Paran / Lab Supervisor

ALBERTA INNOVATES (LINE 11) ORGANIC ANALYSIS DATA SHEET AIC SAMPLE NUMBER: T11-1442

Municipal Water Works Project No: **ATMNO**
 Station: **AUGSW0482** Results To: **M&W Team of Taber**
 Location: **Taber Waterworks System- HWY** Attn: **Darren Peel**
 Matrix: **10 Treated water.** Box **4702**
 Sample Date: **6-Jan-11 @ 0940** Taber, Alberta
 Date Recd: **9** Date Received: **9-Jan-11 By JSP** TIG **2E1**

VW CODE	COMPOUND NAME	µg/L	Flag	MCL	+/-	VW CODE	COMPOUND NAME	µg/L	Flag	MCL	+/-
Scan M8811 Extract 14-Jan-11 By KLS Analyze 16-Jan-11 By KLS DataFile M1442											
106378	Microcystin LR	0.000		.010		106379	Microcystin RR	0.000		.010	
106211	Microcystin Total	0.000		.010		106377	Microcystin YR	0.000		.010	
Scan M8811 Extract 13-Jan-11 By EDG Analyze 13-Jan-11 By EDG DataFile pl442											
100667	2,4-D	.070	H	.005	.005	100674	Atrazine	0.000		.005	.002
100676	Bromocynil	0.000		.005	.002	100694	Chlorpyrifos (Dursban)	0.000		.005	.002
100679	Cymoxazine	0.000		.050	.000	100679	Diazinon	0.000		.005	.002
103639	Dicamba (Banval)	0.000		.005	.002	100681	Diclofop-methyl (Hoö Grass)	0.000		.020	.004
102618	Dimethoate (Cygon)	0.000		.050	.007	100683	Disuron	0.000		.200	.250
100690	MEPA	.018	H	.005	.002	100689	Malathion	0.000		.050	.008
102935	Metolachlor	0.000		.005	.002	103631	Metribuzin	0.000		.010	.004
100693	Nicloran (Tordon)	0.000		.005	.002	103624	Simazine	0.000		.010	.004
100695	Tebufos	0.000		.030	.004	100696	Triallate (Avadek B6)	0.000		.005	.002
100697	Trifluralin (Triflural)	0.000		.005	.002	100673	p,p'-Methoxychlor	0.000		.030	.004
Scan M8811 Extract 15-Jan-11 By EDG Analyze 15-Jan-11 By EDG DataFile n1442											
106973	Nitriiotriacetic acid	0.000		.200							
Scan M8811 Extract 13-Jan-11 By dco Analyze 14-Jan-11 By dco DataFile E1442											
103632	2,3,4,6-Tetrachlorophenol	0.000		.100	.200	100708	2,4,6-Trichlorophenol	0.000		.100	.200
100700	2,4-Dichlorophenol	0.000		.100	.200	100706	Pentachlorophenol	0.000		.100	.200
Scan M8811 Extract 13-Jan-11 By EDG Analyze 14-Jan-11 By EDG DataFile q1442											
103452	Glyphosate	.551	H	.200							
Scan M8811 Extract 16-Jan-11 By mr Analyze 23-Jan-11 By mr DataFile F1442											
103149	Benzo(a)pyrene	0.000		.010							
Scan M8811 Extract 15-Jan-11 By SS Analyze 16-Jan-11 By SS DataFile V1442											
95211	1,2-Dichlorobenzene	0.000		.100	.100	95215	1,2-trichloroethane	0.000		.100	.100
95213	1,4-Dichlorobenzene	0.000		.100	.100	95200	Benzene	0.000		.100	.100
95201	Bromodichloromethane	6.852	H	.100	.200	95204	Carbon tetrachloride	0.000		.100	.100
95205	Chlorobenzene	0.000		.100	.100	95221	Ethyl benzene	0.000		.100	.100
95222	Methylene chloride	0.000		2.000	.100	100397	TRIBROMOBENZENE	101.389	H	.100	2.000
95225	Tetrachloroethylene	0.000		.300	.100	95226	Toluene	0.000		.100	.100
100654	Trichloroethylene	0.000		.100	.100	95232	Vinyl chloride	0.000		.500	.100
100407	XYLENES	0.000		.100	.100	95234	m,p-Xylene	0.000		.100	.100
95233	o-Xylene	0.000		.100	.100						

Zero (0) values indicate that the analyte is not DETECTED. MCL - Method Detection Limit.
 flags B - This analyte is found in the blank as well as the sample. The blank value has been subtracted.
 X - Estimated value. The target compound meets the identification criteria, but is less than the MCL.
 H - Compound Detected Q - Qualifying ions present but failed the ion ratio limits.
 M - This value is calculated by an alternate Raw DataFile.

Certified For: **Ryan Rybochak** Team Leader mail to: **M&W Team of Taber**
 Organic Environmental Monitoring Attn: **Darren Peel**
 Alberta Innovates - Technology Futures
 Date: **7-Jul-11** BPO 4000, VERMILION, ALBERTA Box 4702
 Contact No. (780) 632-8455 T9C 174 Taber, Alberta TIG 2E1

If there are any questions or concerns regarding this report, please contact the person indicated above.
 Please check the mailing information and inform the lab if changes are required.

*Microcystin-LR is not ISO 17025 accredited test for Alberta Innovates.

APPENDIX B

IRRIGATION MONITORING

Exova
 7217 Hepler Road NW
 Edmonton, Alberta
 T6B 3A4, Canada
 T: +1 (780) 438-5522
 F: +1 (780) 438-0391
 E: Edmonton@exova.com
 W: www.exova.com



Analytical Report

Bill To: EPCOR	Project ID:	Lot ID: 798389
Report To: EPCOR	Name: Lagoon Transfer Testing	Control Number:
Box 4702	Location:	Date Received: Apr 14, 2011
Taber, AB, Canada	LSD:	Date Reported: Apr 20, 2011
T1G 2E1	P.O.:	Report Number: 1423979
Attn: Darren Peel	Acct code:	
Sampled By: Darcy Janzen		
Company: EPCOR		

Reference Number: 798389.1
 Sample Date: Apr 13, 2011
 Sample Time: 11:30
 Sample Location:
 Sample Description: Aeration Lagoons /
 Lagoon Transfer
 Pond / 10.6°C

Analyte	Units	Results	Results	Results	Nominal Detection Limit
Aggregate Organic Constituents					
Chemical Oxygen Demand	mg O2/L	62			5
Inorganic Nonmetallic Parameters					
Ammonia - N	mg/L	11.4			0.05
Kjeldahl Nitrogen	Total mg/L	14.9			0.06
Phosphorus	Total mg/L	1.41			0.05
Orthophosphate-P	Dissolved mg/L	0.76			0.01
Chromium (VI)	mg/L	<0.005			0.005
Chromium (III)	Calculated mg/L	<0.005			0.005
Metals Dissolved					
Chromium	Dissolved mg/L	0.0014			0.0005
Metals Total					
Calcium	Total mg/L	66.2			0.2
Iron	Total mg/L	0.23			0.05
Magnesium	Total mg/L	37.4			0.1
Manganese	Total mg/L	0.106			0.005
Potassium	Total mg/L	75.2			0.4
Silicon	Total mg/L	1.12			0.05
Sodium	Total mg/L	113			0.4
Sulfur	Total mg/L	65.8			0.3
Mercury	Total mg/L	<0.0001			0.0001
Aluminum	Total mg/L	0.240			0.005
Antimony	Total mg/L	0.0008			0.0002
Arsenic	Total mg/L	0.0020			0.0002
Barium	Total mg/L	0.018			0.001
Beryllium	Total mg/L	<0.0001			0.0001
Bismuth	Total mg/L	<0.0005			0.0005
Boron	Total mg/L	0.103			0.002
Cadmium	Total mg/L	0.00016			0.00001
Chromium	Total mg/L	0.0013			0.0005
Cobalt	Total mg/L	0.0009			0.0001
Copper	Total mg/L	0.006			0.001
Lead	Total mg/L	0.0018			0.0001
Lithium	Total mg/L	0.046			0.001
Molybdenum	Total mg/L	0.004			0.001
Nickel	Total mg/L	0.0029			0.0005

Terms and Conditions: www.exova.ca/termsandconditions

F: 781
 7217 Roper Road NW
 Edmonton, Alberta
 T6B 3J4, Canada
 T: +1 (780) 438 5522
 F: +1 (780) 438 0296
 E: Edmonton@exova.com
 W: www.exova.com



Analytical Report

Bill To:	EPCOR	Project ID:		Lot ID:	798389
Report To:	EPCOR	Name:	Lagoon Transfer Testing	Control Number:	
	Box 4702	Location:		Date Received:	Apr 14, 2011
	Taber, AB, Canada	LSD:		Date Reported:	Apr 20, 2011
	TIG 2E1	P.O.:		Report Number:	1423979
Attn:	Darren Peel	Acct code:			
Sampled By:	Darcy Janzen				
Company:	EPCOR				

Reference Number 798389-1
Sample Date Apr 13, 2011
Sample Time 11:30
Sample Location
Sample Description Aeration Lagoons /
 Lagoon Transfer
 Pond / 10.6°C

Analyte	Units	Matrix	Results	Results	Results	Nominal Detection Limit
Metals Total - Continued						
Selenium	Total	Water	0.0004			0.0002
Silver	Total	Water	0.00004			0.00001
Strontium	Total	Water	0.341			0.001
Thallium	Total	Water	-0.00005			0.00005
Tin	Total	Water	-0.001			0.001
Titanium	Total	Water	0.0088			0.0005
Uranium	Total	Water	0.0062			0.0005
Vanadium	Total	Water	0.0026			0.0001
Zinc	Total	Water	0.031			0.001
Routine Water						
pH			7.93			
Temperature of observed pH		°C	21.1			
Electrical Conductivity		µS/cm at 25 C	1270			1
Calcium	Dissolved	mg/L	63.5			0.2
Magnesium	Dissolved	mg/L	35.1			0.2
Sodium	Dissolved	mg/L	106			0.4
Potassium	Dissolved	mg/L	70.0			0.4
Iron	Dissolved	mg/L	0.03			0.01
Manganese	Dissolved	mg/L	0.009			0.005
Chloride	Dissolved	mg/L	57.9			0.4
Fluoride	Dissolved	mg/L	0.54			0.05
Nitrate - N	Dissolved	mg/L	3.70			0.01
Nitrite - N	Dissolved	mg/L	0.360			0.005
Nitrate and Nitrite - N	Dissolved	mg/L	4.08			0.01
Sulfate (SO4)	Dissolved	mg/L	193			0.9
Hydroxide	Dissolved	mg/L	<5			5
Carbonate	Dissolved	mg/L	<6			6
Bicarbonate	Dissolved	mg/L	472			5
P-Alkalinity	as CaCO3	mg/L	<5			5
T-Alkalinity	as CaCO3	mg/L	388			5
Total Dissolved Solids	Calculated	mg/L	770			1
Hardness	Dissolved as CaCO3	mg/L	303			
Ionic Balance	Dissolved	%	97			
SAR	Dissolved		2.6			

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Exova
 7217 Roper Road NW
 Edmonton, Alberta
 T6H 3J8, Canada
 T: +1 (780) 438 5522
 F: +1 (780) 438 0395
 E: Edmonton@exova.com
 W: www.exova.com



Analytical Report

Bill To: EPCOR
Report To: EPCOR
 Box 4702
 Taber, AB, Canada
 T1G 2E1
Attn: Darren Peel
Sampled By:
Company:

Project ID:
Name: Irrigation Testing
Location:
LSD:
P.O.:
Acct code:

Lot ID: 817914
Control Number:
Date Received: Aug 3, 2011
Date Reported: Aug 10, 2011
Report Number: 1457375

Analyte	Units	Results	Results	Results	Nominal Detection Limit
Reference Number 817914-1					
Sample Date Aug 02, 2011					
Sample Time 09:00					
Sample Location					
Sample Description Irrigation Pump House Water					
Matrix					
Aggregate Organic Constituents					
Biochemical Oxygen Demand	Inhibited mg/L	-4			4
Chemical Oxygen Demand	mg O2/L	96			5
Inorganic Nonmetallic Parameters					
Ammonia - N	mg/L	10.8			0.05
Kjeldahl Nitrogen	Total mg/L	14.3			0.06
Phosphorus	Total mg/L	4.42			0.05
Orthophosphate-P	Dissolved mg/L	4.05			0.01
Chromium (VI)	mg/L	-0.005			0.005
Chromium (III)	Calculated mg/L	-0.005			0.005
Metals Dissolved					
Chromium	Dissolved mg/L	-0.005			0.005
Metals Total					
Aluminum	Total mg/L	0.21			0.02
Calcium	Total mg/L	69.8			0.2
Iron	Total mg/L	0.41			0.05
Magnesium	Total mg/L	43.8			0.1
Manganese	Total mg/L	0.373			0.005
Potassium	Total mg/L	73.5			0.4
Silicon	Total mg/L	2.30			0.05
Sodium	Total mg/L	119			0.4
Sulfur	Total mg/L	56.0			0.3
Mercury	Total mg/L	-0.0001			0.0001
Antimony	Total mg/L	0.0003			0.0002
Arsenic	Total mg/L	0.0034			0.0002
Barium	Total mg/L	0.014			0.001
Beryllium	Total mg/L	-0.0001			0.0001
Bismuth	Total mg/L	-0.0005			0.0005
Boron	Total mg/L	0.140			0.002
Cadmium	Total mg/L	0.00002			0.00001
Chromium	Total mg/L	0.0016			0.0005
Cobalt	Total mg/L	0.0004			0.0001
Copper	Total mg/L	0.004			0.001
Lead	Total mg/L	0.0003			0.0001
Lithium	Total mg/L	0.050			0.001
Molybdenum	Total mg/L	0.002			0.001

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Exova
 7217 River Road NW
 Edmonton, Alberta
 T6E 1J4 Canada
 T: +1 (780) 438-5522
 F: +1 (780) 438-0390
 E: Edmonton@exova.com
 W: www.exova.com



Analytical Report

Bill To: EPCOR
 Report To: EPCOR
 Box 4702
 Taber, AB, Canada
 T1G 2E1
 Attn: Darren Peel
 Sampled By:
 Company:

Project ID:
 Name: Irrigation Testing
 Location:
 LSD:
 P O:
 Acct code:

Lot ID: **817914**
 Control Number:
 Date Received: Aug 3, 2011
 Date Reported: Aug 10, 2011
 Report Number: 1457375

Reference Number: 817914-1
 Sample Date: Aug 02, 2011
 Sample Time: 09:00
 Sample Location:
 Sample Description: Irrigation Pump House Water
 Matrix:

Analyte	Units	Results	Results	Results	Nominal Detection Limit
Metals Total - Continued					
Nickel	Total	mg/L	0.0018		0.0005
Selenium	Total	mg/L	0.0012		0.0002
Silver	Total	mg/L	0.00003		0.00001
Strontium	Total	mg/L	0.479		0.001
Thallium	Total	mg/L	<0.00005		0.00005
Tin	Total	mg/L	<0.001		0.001
Titanium	Total	mg/L	0.0050		0.0005
Uranium	Total	mg/L	0.0038		0.0005
Vanadium	Total	mg/L	0.0000		0.0001
Zinc	Total	mg/L	0.004		0.001
Physical and Aggregate Properties					
Solids	Total Suspended	mg/L	13		2
Routine Water					
pH			8.00		
Temperature of observed		°C	23.3		
pH					
Electrical Conductivity		µS/cm at 25 C	1390		1
Calcium	Dissolved	mg/L	69.7		0.2
Magnesium	Dissolved	mg/L	43.4		0.2
Sodium	Dissolved	mg/L	119		0.4
Potassium	Dissolved	mg/L	72.1		0.4
Iron	Dissolved	mg/L	0.42		0.01
Manganese	Dissolved	mg/L	0.329		0.005
Chloride	Dissolved	mg/L	71		0.4
Fluoride		mg/L	0.49		0.05
Nitrate - N		mg/L	0.05		0.01
Nitrite - N		mg/L	<0.005		0.005
Nitrate and Nitrite - N		mg/L	0.05		0.01
Sulfate (SO4)	Dissolved	mg/L	175		0.9
Hydroxide		mg/L	<5		5
Carbonate		mg/L	<6		6
Bicarbonate		mg/L	629		5
P-Alkalinity	as CaCO3	mg/L	<5		5
T-Alkalinity	as CaCO3	mg/L	516		5
Total Dissolved Solids	Calculated	mg/L	875		1
Hardness	Dissolved as CaCO3	mg/L	353		

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 7217 Robert Road NW
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 T6B 3J4, Canada
 T +1 (780) 438 8500
 F +1 (780) 438 0190
 E Edmonton@exova.com
 W www.exova.com



Analytical Report

Bill To: EPCOR	Project ID:	Lot ID: 817914
Report To: EPCOR	Name: Irrigation Testing	Control Number:
Box 4702	Location:	Date Received: Aug 3, 2011
Taber, AB, Canada	LSD:	Date Reported: Aug 10, 2011
TIG 2E1	P.O.:	Report Number: 1457375
Attn: Darren Peel	Acct code:	
Sampled By:		
Company:		

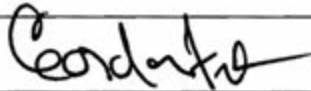
Reference Number: 817914-1
Sample Date: Aug 02, 2011
Sample Time: 09:00
Sample Location:
Sample Description: Irrigation Pump House Water
Matrix:

Analyte	Units	Results	Results	Results	Normal Detection Limit
Routine Water - Continued					
Ionic Balance	Dissolved	%	93		
SAR	Dissolved		2.7		

Approved by: *Anthony Neumann*
 Anthony Neumann, MSc
 Laboratory Operations Manager



TOWN OF TABER COUNCIL REQUEST FOR DECISION

Subject: Regular Minutes of Council		Date of February 13, 2012
		Agenda:
Prepared By: Kerry Van Ham, Council & CAO Assistant		
Attachments: Minutes		
Topic: Minutes of the Regular Meeting of Council, January 23, 2012		
Background:		
Options:	1.	That Council adopts the minutes of the Regular Meeting of Council held on January 23, 2012, as presented.
	2.	That Council adopts the minutes of the Regular Meeting of Council held on January 23, 2012, as amended
Recommendation: Option #1 - That Council adopts the minutes of the Regular Meeting of Council held on January 23, 2012, as presented.		
Approval Date:	February 7, 2012	CAO: 

MINUTES OF THE REGULAR MEETING OF THE COUNCIL OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, HELD IN THE COUNCIL CHAMBERS, ADMINISTRATION BUILDING, ON MONDAY, JANUARY 23, 2012, AT 5:00 PM.

PRESENT: Mayor Ray Bryant
Councillor Randy Sparks
Councillor John Papp
Councillor Rick Popadynetz
Councillor Garth Bekkering
Councillor Murray Rochelle

ABSENT: Councillor Louie Tams

ALSO PRESENT:

Gordon Frank, CLGM, Chief Administrative Officer (CAO)
Dale Culler, CA, Director of Corporate Services
Rob Cressman, Director of Public Services
Kerry Van Ham, Council & CAO Assist./Recording Secretary
Aline Holmen, Leisure Services Manager
Garrett Simmons, Taber Times

ORDER

Mayor Bryant called the Regular Meeting of Council to Order at 5:00 PM.

ADOPTION OF THE AGENDA

Mayor Bryant inquired if there were any additions or deletions to the Agenda, and advised that there were none.

RES.19/12 MOVED by Councillor Bekkering that Council adopt the agenda as presented.

CARRIED UNANIMOUSLY

DELEGATIONS**A) Rick Hansen 25th Anniversary Relay Committee**

A. Holmen, Leisure Services Manager, provided an information update from the Committee for the event that will take place February 18 – 20, 2012 in Taber.

RES.20/12 MOVED by Councillor Papp that Council extends appreciation to the Rick Hansen 25th Anniversary Committee for their work, and accepts their update report.

CARRIED UNANIMOUSLY

ADOPTION OF MINUTES**A) Regular Meeting of Council – January 9, 2012**

RES.21/12 MOVED by Councillor Sparks that Council adopts the minutes of the Regular Meeting of Council held on January 9, 2012, as presented.

CARRIED UNANIMOUSLY

BUSINESS ARISING FROM THE MINUTES – NONE**BYLAWS****A) Proposed Utility Bylaw 2-2012**

D. Culler, CA, Director of Corporate Services presented the proposed Bylaw which included further concise distinctions and definitions. These items have arisen based on Council's decision on December 19, 2011, to give third and final reading to Utility Bylaw 5-2011, which approved a separation in the fixed and consumption water and sewer rates between the residential and commercial utility rate structure.

Council discussed the proposed Bylaw at this time.

RES.22/12 MOVED by Councillor Bekkering that Council gives first reading to Utility Bylaw 2-2012 as presented.

ACTION ITEMS**A) Staff Professional Development & Training Policy CS-HR-4**

D. Culler, CA, Director of Corporate Services, presented information on the existing Policy CS-HR-4.

At Council's regular meeting of January 9, 2012, the Staff Professional Development & Training Policy CS-HR-4 Policy and Procedure were adopted, while information about the replacement of the old policy was not included. The intent was for Policy CS-HR-4 was to have it supersede the Further Education – Financial Assistance Program Policy 92M01/28/02.

RES.23/12 MOVED by Councillor Bekkering that Council confirms that the Staff Professional Development & Training Policy CS-HR-4, supersedes the old Further Education – Financial Assistance Program Policy 92M01/28/02, as proposed.

CARRIED UNANIMOUSLY

B) Award of Tender for the Re-Design, Construction and Project Administration of the Town of Taber Administration Building

G. Frank, CLGM, Chief Administrative Officer, discussed the proposed renovations and tender process for this project.

Council had a number of questions for discussion at this time.

RES.24/12 MOVED by Councillor Popadynetz that Council does not proceed with the Town of Taber Administration Building project and rejects all the tenders and provides Administration with direction at the March 12, 2012 Regular Meeting of Council regarding other options.

CARRIED

C) Department Reports

RES.25/12 MOVED by Councillor Rochelle that Council accepts the Department Head Reports, for information.

CARRIED UNANIMOUSLY

D) Mayor and Councillor Reports (Verbal)

Council briefly discussed their various Committee activities during the past month.

RES.26/12 MOVED by Councillor Papp that Council accepts the Mayor and Councillor reports, as presented.

CARRIED UNANIMOUSLY

MEDIA INQUIRIES - NONE

CLOSED SESSION

RES.27/12 MOVED by Councillor Sparks that Council move to Closed Session to discuss labour matters.

CARRIED UNANIMOUSLY AT 6:32 PM

OPEN SESSION

RES.28/12 MOVED by Councillor Papp that Council reconvenes into Open Session.

CARRIED UNANIMOUSLY AT 6:48 PM

12/2012

January 23, 2012

CLOSE OF MEETING

RES.29/12 MOVED by Councillor Sparks that this Regular Meeting of Council is hereby closed.

CARRIED UNANIMOUSLY AT 6:48 PM

MAYOR

CHIEF ADMINISTRATIVE OFFICER

12/2012



TOWN OF TABER
Council Request For Decision

Subject: Land Use Re-zoning Bylaw No. 6-2011	Date of February 13, 2012 Agenda:
Prepared By: Jillianne Koroluk, Development Officer	
Attachments: Bylaw 6-2011 Public Notice of Bylaw Amendment Application for Bylaw Amendment Low Density Residential (LR-2) District Regulations Narrow Lot Residential (R-2) District Regulations	
Topic: Lorelei Huang 4833 – 57 th Avenue Amendment to Bylaw 4-2006 Re-zoning of land from Low Density Residential (LR-2) To Narrow Lot Residential (R-2)	
Background:	The Town of Taber received (November 23, 2011) an application to re-designate the above noted parcel from Low Density Residential (LR-2) to Narrow Lot (R-2) Residential. This re-designation is intended to facilitate two lots for single detached housing (see drawings included with application) at 4833 - 57 th Avenue. Surrounding properties are zoned LR-2. The existing home is to be retained. If approved, this re-zoning would allow up to a total of two lots of just over 11 meters (37.5 feet) rather than the existing 75 foot wide lot.
	This zoning will accommodate a subdivision of the property that appears to be a good fit for the surrounding area. The housing located within close proximity to the property is a mixture of duplexes and single family dwellings. The current zoning allows for only one single detached dwelling, a duplex or two semi-detached units, where as the new zoning will allow for two single detached family homes.
	The rezoning of this land will also represent a good opportunity for infill development, such development will make better use of town land supplies and will allow new development to occur while utilizing existing municipal infrastructure (ex. water mains, sewers, roads). This type of intensification will contribute to making the Town of Taber a more sustainable community long term.
	The application was advertised and property owners notified in accordance with the Bylaw and Municipal Government Act.
The proposed bylaw is the subject of a public hearing held earlier in the evening	
Cont'd	

Options:

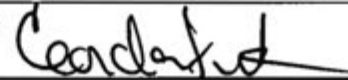
1. That Council gives second reading to Bylaw No. 6-2011, being a rezoning amendment to the Land Use Bylaw 4-2006, at this meeting.
2. That Council gives third and final reading to Bylaw No.6-2011, being a rezoning amendment to the Land Use Bylaw 4-2006, at this meeting.
3. That Council not proceed with second Reading to Bylaw No. 6-2011.

Recommendation: Option #1 and 2 – That Council gives 2nd and 3rd reading to Bylaw No. 6-2011, being a rezoning amendment to the Land Use Bylaw 4-2006.

**Approval
Date:**

February 7, 2012

CAO:



TOWN OF TABER
BY-LAW NO. 6-2011

BEING A BY-LAW OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, TO AMEND
BY-LAW NO. 4-2006, THE LAND USE BY-LAW OF THE TOWN OF TABER

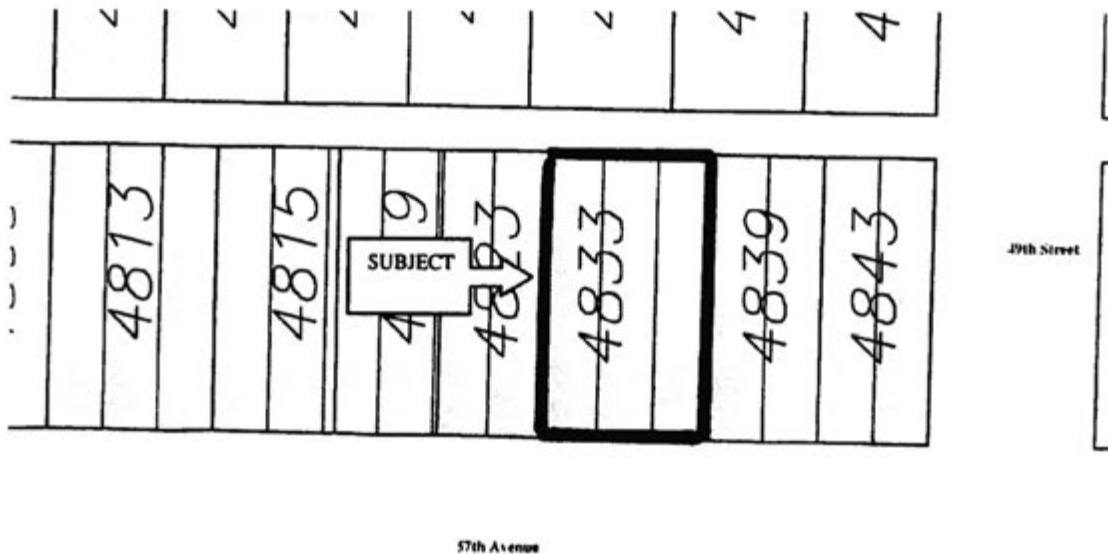
Pursuant to Section 692(1)(f) of the Municipal Government Act, Statutes of Alberta, 2000, Chapter M-26.1, as amended, the Council of the Town of Taber, in the Province of Alberta, duly assembled enacts as follows:

1. By-Law 4-2006 is hereby amended to include the following:
2. That Schedule "B", District Maps of the said By-Law is hereby amended by rezoning:

4833 57 AV

Plan 4348R, Block 39, Lots 34-36

From Low Density Residential (LR-2) to Narrow Lot Residential (R-2) as indicated in the sketch below:



3. The remainder of By-Law 4-2006 and its amendments thereof not amended by this By-Law remains in full force and effect.

RES. 297/11 **READ** a first time this 19th day of December, 2011.

RES. ____ **READ** a second time this ____ day of _____, 2012.

RES. ____ **READ** a third time and finally passed this ____ day of _____, 2012.

MAYOR

CHIEF ADMINISTRATIVE OFFICER

Public Notice
Amendment to Land Use Bylaw 4-2006
Proposed Bylaw 6-2011

Take notice that the Town of Taber has received an application to amend Land Use Bylaw 4-2006 by introducing proposed Bylaw 6-2011.

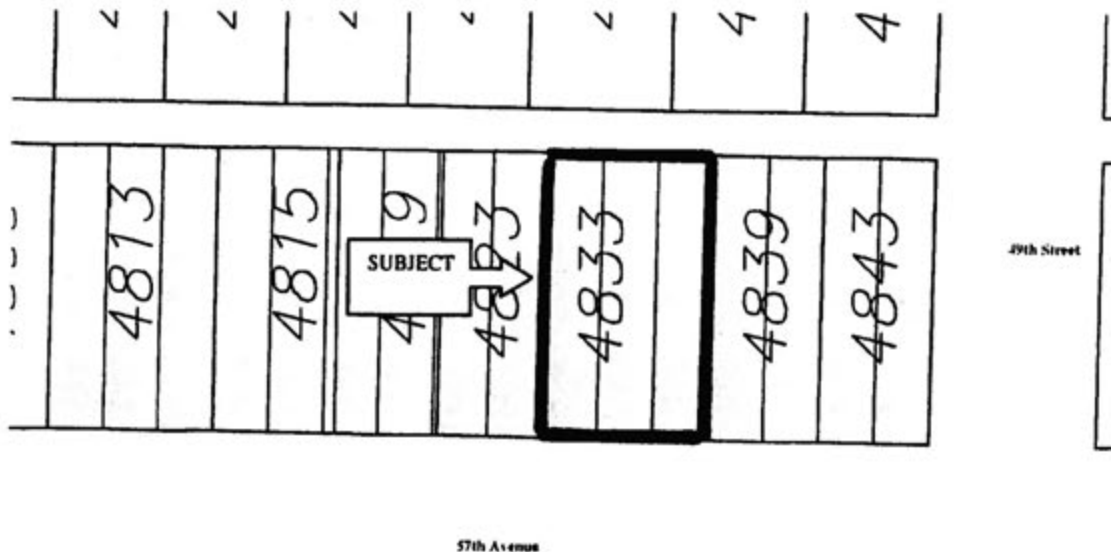
A public hearing and discussion of the proposed amendment will be held on Monday, February 13th, 2012 at 5:00PM in the Town Council Chambers, Administration Building, 4900A – 50 Street, Taber, Alberta.

The bylaw proposes that Schedule "B", the Land Use District Map of Bylaw 4-2006 be amended by rezoning the following lands:

4833 57 Avenue

Plan 4348R, Block 39, Lots 34-36

From Low Density Residential (LR-2) to Narrow Lot Residential (R-2) as indicated in the sketch below:



Copies of the proposed amendment to Bylaw 4-2006 will be available at the Town Office, 4900A – 50 Street, Taber, Alberta.

All those who are interested or who may be affected, are invited to attend the Public Hearing. Oral briefs may be put forward at the Public Hearing and those persons attending may ask questions about the proposed amendment to Land Use Bylaw 4-2006 or any other related matters.

Written briefs may be submitted to the Planning and Development Office. Such briefs should reach the Town Office no later than Monday, February 6, 2012.

John Henricks, RPP, MCIP
Acting Director of Planning & Economic Development
Phone: 223-5500, ext 5524
Email: planning@taber.ca

**Land Use Bylaw Amendment
FORM F**



Planning Department
A4900-50 Street
Taber AB T1G 1T1
ph: (403) 223-5500
fx: (403) 223-5530
email: planning@taber.ca

APPLICATION NO: 6-2011
RECEIVED DATE: 23.11.11

BYLAW NO: _____
ROLL NO: 5748340
FEE RECEIVED: None - 23.11.11

Applicant

I/We hereby make application to amend the Land Use bylaw:

Name: Lorelei Huang Phone: 403 223 8808
Address: _____ Cell No: 403 360 1567
Postal Code _____

Legal Description of Land Subject to Amendment:

Municipal Address: 4833-57 AVE

Legal Description: Lot: 34 To 36

Block: 39 Plan: 4348 R.

Amendment Proposed: From: R-2 subdivide and plan to build
x To: R-2 single 2 stories Hse.

If applying for a text amendment, please provide the proposed text, the relevant Section, if any, and an explanation of the proposed amendment

Reasons in Support of Application (in order to properly evaluate an application for amendment, the Town must be provided with a complete concept for the land. Please indicate everything which is presently built on the land, and any use or development proposed for that land and provide whatever maps, diagrams, and text you feel are needed)

Subdivide existing lot to allow for a new 2 storey
house east of the existing house.

x

Date: 21/11/11 Signed: [Signature]

The personal information requested on this form is being collected for the processing of a land use bylaw amendment application, under the authority of the Municipal Government Act (MGA) and is protected by the Freedom of Information and Protection of Privacy (FOIP) Act. If you have any questions about the collection, contact our FOIP Coordinator at (403) 223-5500.

Registered Owner(S) Or Person Acting On Their Behalf

I, KELEI WANG hereby certify that I/We:

am the registered owner, or
 am authorized to act on behalf of the registered owner(s)

and that the information given on the form is complete and is, to the best of my knowledge, a true statement of the facts relating to this application for approval. I/We hereby give my/our consent to allow Council or a person appointed by it the right to enter the above land with respect to this application only.

Signed [Signature]
Phone (hm): 403-524-1088

Date Dec 05, 2011
Phone (wk): 403-220-1467
(C)

Authorization From Registered Owner(S) Of Land Subject To Amendment

I/We, N/A, the registered owner(s) of the land subject to this amendment, do hereby authorize _____ to act on our behalf with respect to this proposal to amend the Land Use Bylaw.

Registered Owners' Signature [Signature] Date 20111111

SECTION 6: Low Density Residential (LR-2) DISTRICT

1. PURPOSE

This district is intended to allow for a variety of low density housing styles. Although intended to be applied primarily to existing residential areas, it may also be applied to new development. Development legally approved prior to adoption of this Bylaw that does not conform to these regulations is intended to be legal non-conforming development.

2. USES

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Garage
- (b) Park
- (c) Single detached dwelling
- (d) Utilities

Discretionary Uses

- (a) Accessory Building, Structure or Use
- (b) Duplex
- (c) Home Occupation
- (d) Modular Home
- (e) Public Use
- (f) Semi-detached Dwelling
- (g) Sign

SECTION 6: Low Density Residential (LR-2) DISTRICT

3. DISTRICT REQUIREMENTS

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

	<u>Single Detached</u>	<u>Semi-detached Duplex</u>
Minimum Lot Area:		
Fully serviced lot	420m ²	300 m ² /unit
Minimum Lot Width:		
Fully serviced lot	14 metres	18 metres (9 m/side)
Minimum Front Yard:	6 metres	6 metres
Minimum Rear Yard:	6 metres	6 metres
Minimum Interior Side Yard:		
a) Rear Lanes:	1.2 metres	
b) Laneless:	1.2 metres when garage attached	
	3 metres on one side if no attached garage and 1.2 metres on the other, except semis must have 3 metres on both sides with zero (0) metres for semi-detached dwelling units on common lot line only.	
Minimum Exterior Side Yard:	3.0 metres	3.0 metres
Maximum Building Height:	10.5 metres	10.5 metres
Maximum Coverage:	45%	45%
Minimum Landscaped Area:	25%	25%

4. SPECIAL REQUIREMENTS: GARAGES, ACCESSORY BUILDINGS AND STRUCTURES

- (a) No accessory building or structure shall be erected in any yard other than the interior side yard or rear yard and shall be no closer to any lot line than 1 metre (3 feet). This special requirement shall not be applied to garages.
- (b) Garages accessed from a lane shall be setback a minimum of 1.5 metres from the lane right-of-way.

SECTION 28: NARROW LOT RESIDENTIAL (R-2) DISTRICT

As amended by BY-LAW NO. 5-2008 – April 28, 2008

Narrow Lot Residential (R-2) District

1. Purpose

This district is intended to allow for low density, narrow lot housing styles in both established and developing neighbourhoods. Development legally approved prior to adoption of this Bylaw that does not conform to these regulations is intended to be legal non-conforming development.

2. Uses

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following.

Permitted Uses

- (a) Garage
- (b) Park
- (c) Single detached dwelling
- Utilities

Discretionary Uses

- (a) Accessory Building, Structure or Use
- (b) Duplex
- (c) Home Occupation
- (d) Modular Home
- (e) Public Use
- (f) Semi-detached dwelling
- (g) Sign

3. District Requirements

In addition to the general Land use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

	<u>Single Detached</u>	<u>Semi-detached / Duplex</u>
Minimum Lot Area:	350 m ²	225 m ²
Minimum Lot Width:	11 metres	15 metres (7.5m / side)
Minimum Front Yard:	5.5 metres	5.5 metres
Minimum Rear Yard:	6 metres	6 metres
Minimum Interior Side Yard:		
Rear Lanes:	1.2 metres	
) Laneless:	1.2 metres when garage attached	
	3 metres on one side if no attached garage and 1.2 metres on the other, except semi-detached must have 3 metres on both sides with zero (0) metres for semi-detached dwelling units on common lot line only.	

Minimum Exterior Side Yard:	3.0 metres	3.0 metres
Maximum Building Height:	10.5 metres	10.5 metres
Maximum Building Coverage:	50%	50%
Minimum Landscaped Area:	25%	25%

4. **Special Requirements: Garages, Accessory Buildings and Structures**

- (a) No accessory building or structure shall be erected in any yard other than the interior side yard or rear yard and shall be no closer to any lot line than 1 metre (3 feet). This special requirement shall not be applied to garages.
- (b) Garages accessed from a lane shall be setback a minimum of 1.5 metres from the lane right-of-way.

5. **Special Requirements: Building Design**

Further to Section 3 (19) regarding building design, when this district is applied to existing communities new infill housing shall be designed to complement the existing neighbourhood character and nearby housing designs, to the satisfaction of the Development Authority.

6. **Special Requirements: Modular Home**

Modular homes may only be approved by the Development Officer if the proposal meets the following criteria:

- 1) Where a developer's architectural controls, guidelines or standards are registered on title, the Development Officer shall address those guidelines when issuing a development permit on the property and may use these as a basis for refusal of modular construction where the proposal does not comply with those controls, guidelines or standards.
- 2) The proposed roof pitch of a proposed modular home must be consistent with the majority of homes within 100 metres of the proposal or must meet architectural controls, guidelines, or standards put in effect by the subdivision's developer;
- 3) Exterior finishing materials (i.e. siding, brick, stucco, or combinations thereof) and the amount used must be consistent with the majority of homes within 100 metres of the proposal or must meet architectural controls, guidelines, or standards put in effect by the subdivision's developer;
- 4) Modular homes must have a foundation consistent with the majority of homes within 100 metres of the proposal or must meet architectural controls, guidelines, or standards put in effect by the subdivision's developer.

Proposals not meeting these requirements for Modular Homes in this district may be forwarded by the Development Officer to the Municipal Planning Commission for a decision. The Municipal Planning Commission may use these criteria as a basis for refusing the proposal but may also approve non-compliant proposals based on the merits of each particular application.

- 3. The remainder of By-Law 4-2006 and its amendments thereof not amended by this By-Law remains in full force and effect.



TOWN OF TABER
Council Request For Decision

Table with 2 columns and 8 rows containing subject, date, prepared by, attachments, topic, background, options, and recommendation.

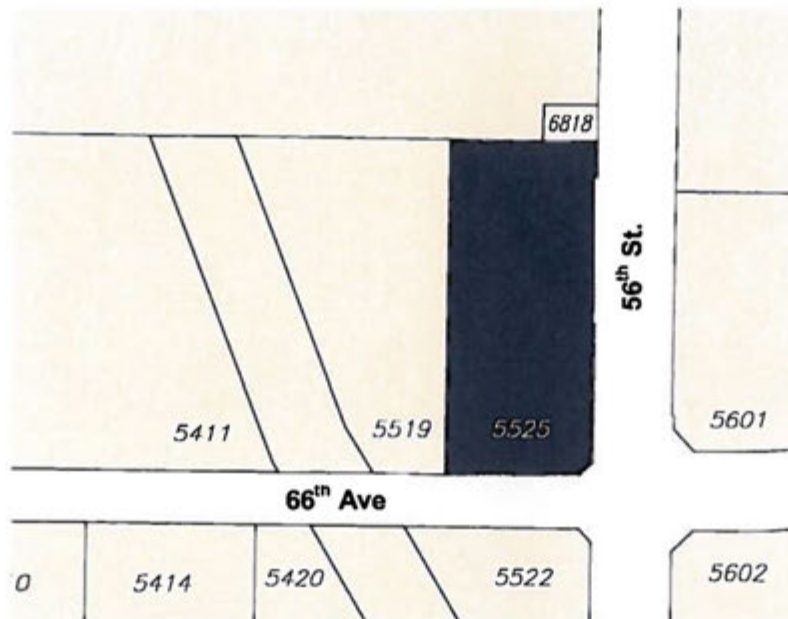
TOWN OF TABER
BY-LAW NO. 3-2012

BEING A BY-LAW OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, TO AMEND
BY-LAW NO. 4-2006, THE LAND USE BY-LAW OF THE TOWN OF TABER

Pursuant to Section 692(1)(f) of the Municipal Government Act, Statutes of Alberta, 2000, Chapter M-26.1, as amended, the Council of the Town of Taber, in the Province of Alberta, duly assembled enacts as follows:

1. By-Law 4-2006 is hereby amended to include the following:
2. That Schedule "B", District Maps of the said By-Law is hereby amended by rezoning:

5525-66th Ave
Plan 9712242, Block 2, Lot 1
From Limited Industrial (LM) to General Industrial (M-2) as indicated in the sketch below:



3. The remainder of By-Law 4-2006 and its amendments thereof not amended by this By-Law remains in full force and effect.

RES. ____ **READ** a first time this ____ day of _____, 2012.

RES. ____ **READ** a second time this ____ day of _____, 2012.

RES. ____ **READ** a third time and finally passed this ____ day of _____, 2012.

MAYOR

CHIEF ADMINISTRATIVE OFFICER

Public Notice
Amendment to Land Use Bylaw 4-2006
Proposed Bylaw 3-2012

Take notice that the Town of Taber has received an application to amend Land Use Bylaw 4-2006 by introducing proposed Bylaw 3-2012.

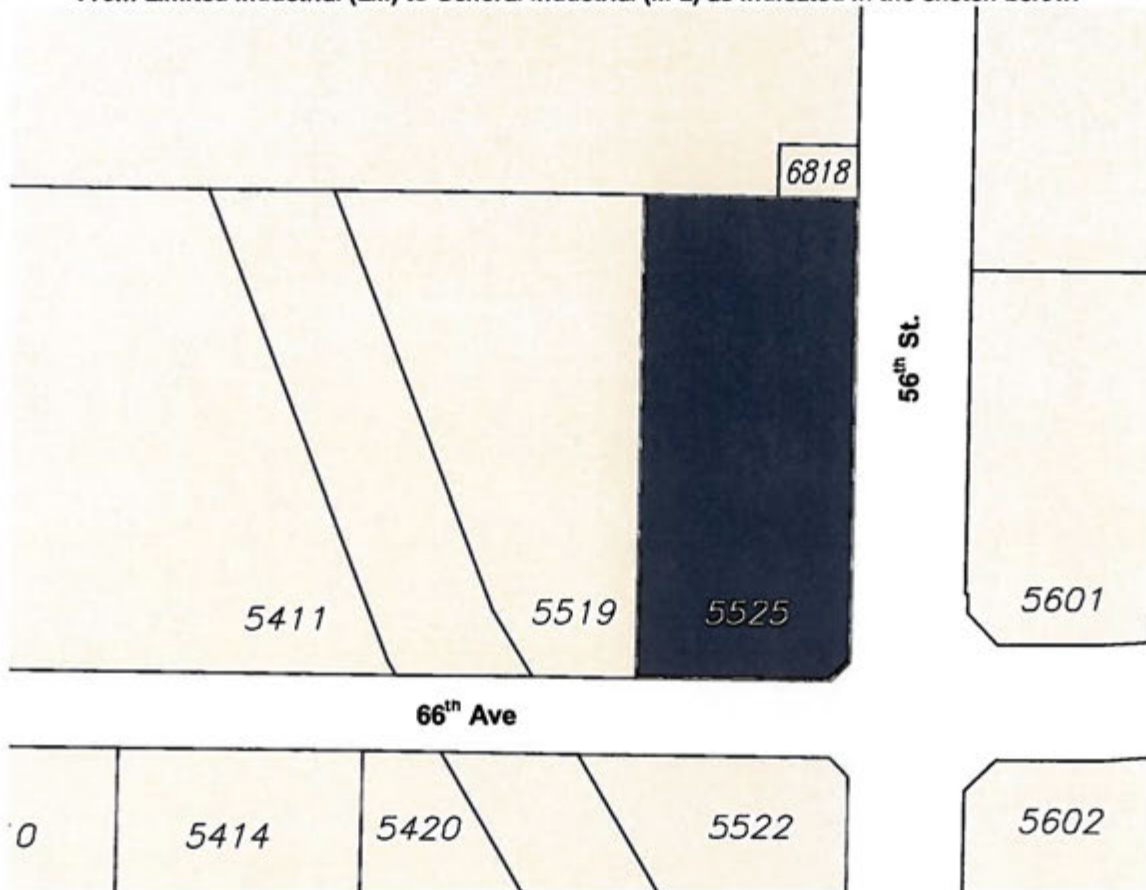
A public hearing and discussion of the proposed amendment will be held on Monday, March 12th, 2012 at 5:00PM in the Town Council Chambers, Administration Building, 4900A – 50 Street, Taber, Alberta.

The bylaw proposes that Schedule "B", the Land Use District Map of Bylaw 4-2006 be amended by rezoning the following lands:

5525-66th Ave

Plan 9712242, Block 2, Lot 1

From Limited Industrial (LM) to General Industrial (M-2) as indicated in the sketch below:



Copies of the proposed amendment to Bylaw 4-2006 will be available at the Town Office, 4900A – 50 Street, Taber, Alberta.

All those who are interested or who may be affected, are invited to attend the Public Hearing. Oral briefs may be put forward at the Public Hearing and those persons attending may ask questions about the proposed amendment to Land Use Bylaw 4-2006 or any other related matters.

Written briefs may be submitted to the Planning and Development Office. Such briefs should reach the Town Office no later than Monday, March 5th, 2012.

John Henricks, RPP, MCIP
Acting Director of Planning & Economic Development
Phone: 223-5500, ext 5524
Email: planning@taber.ca

**Land Use Bylaw Amendment
FORM F**



Planning Department
A4900-50 Street
Taber AB T1G 1T1
ph (403) 223-5500
fx (403) 223-5530
email planning@taber.ca

APPLICATION NO: 3-2012 BYLAW NO: 3-2012
RECEIVED DATE: Jan. 23, 2012 ROLL NO: 5566010
FEE RECEIVED: Jan. 23, 2012

Applicant

I/We hereby make application to amend the Land Use bylaw:

Name: Jylene TRANSPORT Phone: 403-223-1009
Address: #1,641 Wildesse Dr. TAB. Cell No: 403-715-5343
Postal Code

Legal Description of Land Subject to Amendment:

Municipal Address: 5525 66 AVE Taber, AB.
Legal Description: Lot: 1
Block: 2 Plan: 9712240

Amendment Proposed: From: LM LTD Ind
To: M2 general Inc

If applying for a text amendment, please provide the proposed text, the relevant Section, if any, and an explanation of the proposed amendment

Reasons in Support of Application (in order to properly evaluate an application for amendment, the Town must be provided with a complete concept for the land. Please indicate everything which is presently built on the land, and any use or development proposed for that land and provide whatever maps, diagrams, and text you feel are needed)

RESERVE land to allow for TRANSPORT/Trucking.

Date: TAN 23/12 Signed: [Signature]

The personal information requested on this form is being collected for the processing of a land use bylaw amendment application, under the authority of the Municipal Government Act (MGA) and is protected by the Freedom of Information and Protection of Privacy (FOIP) Act. If you have any questions about the collection, contact our FOIP Coordinator at (403) 223-5500.

Registered Owner(S) Or Person Acting On Their Behalf

Josh Wurz hereby certify that I/We:

- am the registered owner, or
- am authorized to act on behalf of the registered owner(s)

and that the information given on the form is complete and is, to the best of my knowledge, a true statement of the facts relating to this application for approval. I/We hereby give my/our consent to allow Council or a person appointed by it the right to enter the above land with respect to this application only.

Signed Josh
Phone (hm): 403-223-1009

Date Jan 23/12
Phone (wk): 403-715-5343

Authorization From Registered Owner(S) Of Land Subject To Amendment

I/We, N/A, the registered owner(s) of the land subject to this amendment, do hereby authorize _____ to act on our behalf with respect to this proposal to amend the Land Use Bylaw.

Registered Owners' Signature Josh Date Jan 23/12

The personal information requested on this form is being collected for the processing of a land use bylaw amendment application, under the authority of the Municipal Government Act (MGA) and is protected by the Freedom of Information and Protection of Privacy (FOIP) Act. If you have any questions about the collection, contact our FOIP Coordinator at (403) 223-5500.



NOTES:

- CALGARY CARRY JUMPER
- AMPHIBIOUS SUBMERGIBLE
- SPREAD 8' 0"
- COUNT 1

MAGIC CARRYER BRIDGE

- SPREAD 8' 0"
- COUNT 1

BRIDGE COLUMNAR JUMPER

- SPREAD 8' 0"
- COUNT 1

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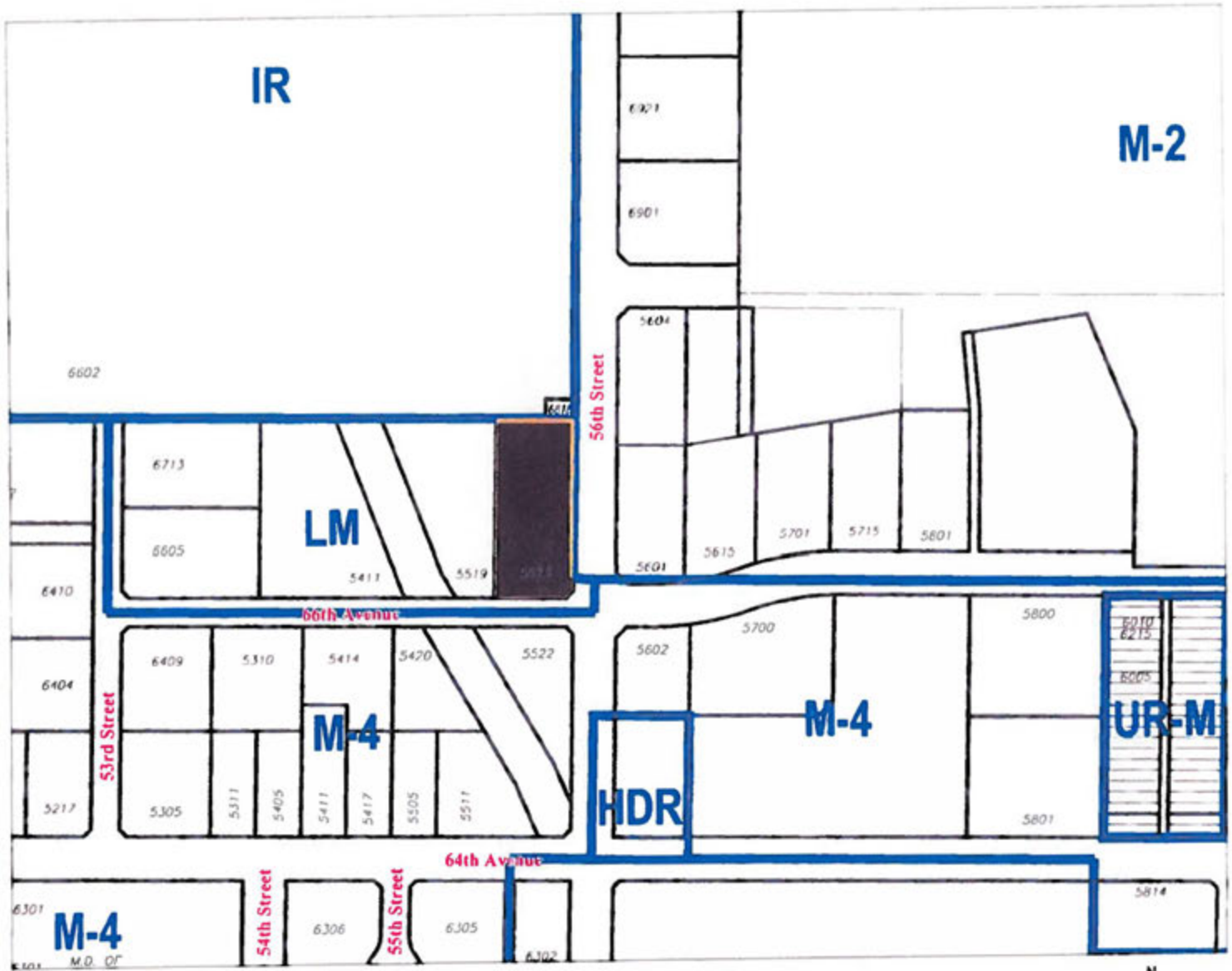


Joleña Transport
New Proposed Building
Site Plan

A0.2



Land Use District Map of Adjacent Properties



SECTION 15: Limited Industrial (LM) DISTRICT

1. Purpose

This district is intended to be applied to small existing industrial parcels that are generally or somewhat isolated from planned industrial areas and parks. This zone is not intended to be applied to new industrial sites or to implement approved Area Structure Plans but may be appropriate to address existing industrial sites adjacent to established residential areas.

2. Uses

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Contracting Services, Minor
- (b) Equipment Rental/Repair
- (c) Offices or Office building
- (d) Offices accessory to the Principal use of the Land or Building
- (e) Utilities

Discretionary Uses

- (a) Accessory Buildings, Structures, and Use
- (b) Agricultural Processing
- (c) Auto Body and Repair Shop
- (d) Automotive/Recreation Vehicle Sales and Rental
- (e) Automobile Service Station
- (f) Automobile Supply Store
- (g) Oilfield Support Service
- (h) Park
- (i) Public Use
- (j) Recreation Facility, Indoor
- (k) Sign
- (l) Storage, Indoor
- (m) Storage, Outdoor
- (n) Veterinary Clinics
- (o) Warehouse

SECTION 15: Limited Industrial (LM) DISTRICT

3. District Requirements

No person shall use any lot or erect, alter or use any building or structure except in accordance with the following provisions:

Minimum Lot Area:	900 m ²
Minimum Lot Width:	25 metres
Minimum Front Yard:	7.0 metres
Minimum Rear Yard:	7.0 metres
Minimum Interior Side Yard:	3.0 metres
Minimum Exterior Side Yard:	4.5 metres
Maximum Coverage:	40%

4. Special Requirement: Accessory Buildings

No accessory building or structure shall be erected in any yard other than an interior side yard or rear yard and shall be no closer than three (3) metres to any lot line.

5. Special Requirement: Screening and Fencing

- (a) All sites abutting a residential district shall be screened from view of residential districts to the satisfaction of the Development Authority.
- (b) Outside storage areas, parking areas and equipment storage areas shall be screened to the satisfaction of the Development Authority.

6. Special Requirement: Landscaping

All sites abutting a residential or institutional district or facing a public highway shall provide a minimum of ten (10) percent of the site area in the form of landscaping (including the provision of mature trees) to the satisfaction of the Development Authority. All sites shall provide no less than the minimum landscaping prescribed in Section 3 (General Provisions) of this by-law.

7. Special Requirement: Environmental Impacts

All sites abutting a residential district shall not produce any off-site environmental nuisances such as noise, dust, or odours.

SECTION 17: General Industrial (M-2) DISTRICT

1. Purpose

This district is to provide areas for industries and businesses that require larger open storage areas and/or may create a nuisance by reason of noise, smell, appearance but are generally not considered to be hazardous. This District will generally be applied to interior portions of industrial areas.

2. Uses

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Any Uses Permitted in the M-1 District
- (b) Agricultural Processing
- (c) Agricultural Supply Depot
- (d) Automobile, Truck, and Recreational Vehicle Storage
- (e) Automotive Repair Garage
- (f) Construction Yard
- (g) Electrical and Electronic Products Industry
- (h) Food Processing Plant
- (i) Heavy Equipment Sales, Service, Storage and Rentals
- (j) Oilfield Support Services
- (k) Printing Establishment
- (l) Public Uses
- (m) Railroad Yard
- (n) Transport/Truck Operation

Discretionary Uses

- (a) Abattoir
- (b) Accessory Buildings, Structures, and Uses
- (c) Auto Body and Repair Shop
- (d) Automotive/Recreation Vehicle Sales and Rental
- (e) Automobile Service Station
- (f) Bank/Financial Institution
- (g) Bottled Gas, Sales and Storage
- (h) Bulk Sales Establishment
- (i) Commercial Fertilizer Supply

SECTION 17: General Industrial (M-2) DISTRICT

- (j) Communication Tower
- (k) Contracting Services, Major
- (l) Dry Cleaning and Laundry Plant
- (m) Electricity Production
- (n) Feed Mills
- (o) Gas Bar
- (p) Grain Elevator
- (q) Greenhouse, Commercial
- (r) Kennel
- (s) Laboratory
- (t) Offices accessory to the Principal Industrial Use of the Land or Building
- (u) Pharmaceutical and Medical Products Industry
- (v) Printing, Reproduction and Data Processing Industry
- (w) Recreation Facility, Commercial
- (x) Recycling Depot
- (y) Signs
- (z) Storage, Outdoor
- (aa) Tanker Truck Washing Facility
- (bb) Truck and Manufactured Home Sales and Rentals
- (cc) Truck Depot
- (dd) Warehouse

3. District Requirements

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

Minimum Lot Area:	1,000 m ²
Minimum Lot Width:	30 metres
Minimum Front Yard:	7.5 metres
Minimum Rear Yard:	10 metres
Minimum Side Yard:	7 metres
Minimum Exterior Side Yard:	7.5 metres
Maximum Building Height:	15 metres
Maximum Lot Coverage:	60%
Minimum Landscaped Area:	5%

SECTION 17: General Industrial (M-2) DISTRICT

4. Special Requirement: Signs

A single park entrance or directional sign may be permitted at the entrance of an industrial park indicating the name and location of the park. Other requirements for signs shall be determined at the discretion of the Development Authority and in accordance with Section 3 (General Provisions).

5. Special Requirement: Site Plans and Development Agreements

All applications for a development permit shall provide a detailed site plan for the proposed development. The site plan shall include all information identified on 'Form A' and in Section 2.7 of this Bylaw. For those applications approved, the proponents shall enter into a Development Agreement with the Town to ensure that the conditions of the Development Permit are fulfilled to the satisfaction of the Town.

6. Special Requirement: Parking and Access

Further to the parking requirements contained in Section 3 – General Regulations, all required parking shall be on site and the site plan shall clearly illustrate the parking and the traffic circulation on site as well as access to the site.

7. Special Requirement: Landscaping

Further to the landscape requirements contained in Section 3 – General Regulations, landscaping shall be determined as follows:

- (a) A *buffer* strip of 20 metres shall be provided along any boundary of this district that is immediately adjacent to a primary or secondary highway or watercourse as well as any Land Use District other than the LM, M-1, M-3, and M-4 Land Use Districts. This buffer strip shall be provided on private lands unless an alternative has been provided as part of the subdivision review process and is acceptable to the Development Authority.
- (b) The minimum landscaped area shall be concentrated in the front yards, but additional landscaping may be required in other yards to separate uses or to provide buffers or screening from other uses or roads. All landscaping shall be identified on the site plan.

SECTION 17: General Industrial (M-2) DISTRICT

- (c) Any additional landscaping requirements shall be to the satisfaction of the Development Authority.

8. Special Requirement: Outdoor Storage Requirements

- (a) All outdoor storage areas shall be appropriately fenced and may be required to be concealed from view from the street by the fence or other suitable screening.
- (b) All storage sites abutting residential districts shall be screened from view of the residential district to the satisfaction of the Development Authority, although General Industrial sites should not be located adjacent to residential districts.
- (c) All outdoor storage should be located only to the rear of the main building but may be located in the front or exterior side yard at the discretion of the Development Authority. All outdoor storage shall be accessory to the main use of the land or main building on the site and shall comply with the yard and setback requirements of this Section.



Agenda Item # 6. C)

TOWN OF TABER
Council Request For Decision

Subject:	Land Use Re-zoning Bylaw No. 4 - 2012	Date of February 13, 2012 Agenda:
Prepared By:	John Henricks, Acting Director of Planning and EDC	
Attachments:	Bylaw 4-2012 Bylaw 5-2012 Public Notice of Bylaw Amendment 4-2012 Public Notice of Bylaw Amendment 5-2012 Application for Bylaw Amendment Direct Control (DC) District Regulations Low Density Residential (LR) District Regulations Correspondence	
Budget:	N/A	If Over Budget, what is alternate funding source?
Expense:		
Topic:	Tom and Jean Menard Thelma Street: Block 2 and 3; Plan 7808A1 Amendment to Bylaw 4-2006 Re-zoning of land from Urban Reserve Residential (UR-R) To Low Density Residential (LR)	
Background:	<p>The Town of Taber received (August 22, 2011) an application to re-designate the above noted parcel from Urban Reserve Residential (UR-R) to Low Density Residential (LR). This re-designation is intended to facilitate development of two homes on existing parcels (see drawings included with application) in an area located just south of the MD park at the north edge of the Town limits. No municipal services are in the immediate area. Surrounding properties are zoned UR-R.</p> <p>Process This property was the subject of previous applications for subdivision and re-zoning but these applications were not approved. As a result, staff has, for this new application, prepared a more detailed report to Council than would typically be considered at first reading.</p> <p>We also propose, if Council gives first reading to staff's recommended by-law amendment, to refer this item to the Municipal Planning Commission (MPC) for their recommendation to Council prior to a formal public hearing of Council. Taber's MPC often allows the applicant to offer their arguments in favor of their application. This can be a good forum for ensuring that a number of important issues are identified and considered in advance of the public hearing before Council. Any and all issues raised at MPC could still be raised at the public hearing but all parties may be better prepared to ensure that Council hears all pertinent facts and arguments for or against the proposal.</p>	

Cont'd

We also note that it is not common for applicants to continue to apply for rezoning for a designation that was previously refused. Although it is allowed, Town staff intend to use this opportunity to help articulate a more formal review process for such applications. Given that the applicant advised they feel they were not given an opportunity to be heard and articulate their case adequately, we intend for this to be a process that not only addresses their concerns as best as is reasonably possible, but can aid the Town in addressing more involved or complicated zoning applications in future.

Based on the above, we want to emphasize to Council that the report prepared for first reading is not intended to be exhaustive but rather is intended to outline how staff proposes to ensure that this applicant's proposal can be considered. ***This report does not reflect a final staff recommendation for the proposal. Rather, it is intended to articulate how best to move forward in response to a formal zoning amendment application.***

Proposal

It has been 15 months since the original applications were considered. Although nothing substantive has changed with respect to the position of the applicant, staff engaged in discussions both with the applicant and the applicant's geo-technical engineering company after receiving the new application. Geo-technical issues became the focus of the previous applications and these remain a valid concern to be addressed as part of any consideration for future development on or near these properties.

Based on a number of questions raised by staff and the responses of the applicant's geo-technical engineer, it is reasonable to conclude that development of these lands may be possible subject to more site-specific review and development specific controls and conditions. The relevant emails are attached to this report for Council's consideration.

In our discussions with the applicant regarding other site development challenges such as site servicing and vehicular access, they advise that they expect to be treated no differently than any other developer and as allowed for under the Municipal Government Act. In other words, if roads must be constructed to access the site, they expect to be required to complete those roads to Town standards. Similarly, they expect to provide sewer, water, gas, and electric services to these sites to the satisfaction of the Town and its standards.

Recommendation:

This a two part recommendation:

Part 1: It is recommended that Council NOT proceed with consideration of a land use by-law amendment from Urban Reserve Residential (UR-R) to Low Density Residential (LR).

Rationale for Refusal of LR:

There are a number of reasons why the Low Density Residential (LR) District is not appropriate for consideration and use at this site at this time. First and foremost, the district's standards contemplate municipal water and sewer services to be extended to each lot, not private services that require larger minimum lot areas (i.e. one hectare/2.5 acre minimum).

It is also important for Council and the applicant to note that the Municipal Government Act requires that the Development Authority must approve any use listed as a Permitted Use so long as the proposed use meets all the regulations associated with the District.

Given the technical concerns that need to be addressed, it is not appropriate to have specific uses identified as permitted at this time, particularly since there are no municipal services in the area nor contemplated for a significant period of time (i.e. at least 20 years). In addition, it is important that those reviewing zoning for these sites not assume that there will be few or no site development challenges. Although the geo-technical engineer's findings to date indicate it is possible to develop the site, it is equally clear that the approach to building will have to be well understood, technically sound and quite specific to this particular property. A standard building approach is not adequate. Therefore, it is important that a "non-standard" approach to zoning the site be applied in this case. This is a good example where Direct Control can be a much better approach than the use of a standard district such as the LR District.

Part 2: It is recommended that Council proceed with first reading of a land use by-law amendment from Urban Reserve Residential (UR-R) to Direct Control (DC-1).

Rationale for Approval of DC:

As noted above, there are site specific servicing and geo-technical issues that warrant further consideration before giving landowners full development rights for single detached housing. Because the Town does not have a land use district specifically designed for rural or estate, privately serviced lots, it is our opinion that Direct Control is the only reasonable means for Council to give due consideration to the proposal.

There are other considerations as well. For example, the Town has not conducted its own independent review of geo-technical conditions along the north edge of Town at the coulees to more fully define the top of bank and stable slope conditions. Such a review should be completed before new subdivisions are considered.

The Town also must consider the implications of "leap frog" development and what pressures, if any, this could place on municipal finances. There really is not any precedent for this in the Town.

Use of a DC district isolates this proposal as a unique situation that should not be viewed as precedent setting and not applicable to other lands along the coulees. At the same time, it allows Council to deal directly with this owner on a site specific basis, ensuring that all needed information specific to allowing new buildings on this site are addressed before Development Permits and Building Permits are issued.

If Direct Control is not used, no development should be allowed to proceed until broader, more comprehensive studies are completed for a larger area. Even the larger area that would be studied is not yet defined by Council nor is it a Council priority.

Because this site is far removed from current development activity, it may be many years before the Town is ready to consider preparing or reviewing comprehensive development studies. These may require a broader, more comprehensive assessment of lands near and adjacent to the coulees and northern Town limits.

What does warrant special consideration, in this case, is the fact that these particular lots already exist and are of a size that may, potentially, be suited to private sewer and water services for no more than two homes. While it may be reasonable to give this site some special consideration, the Town is not ready to create additional new residential lots. Development at this location is well beyond the edge of existing serviced development inside Town boundaries and creation of new residential lots inside Town boundaries requires municipal services.

Given the unique nature of the conditions and circumstances associated with this particular proposal and the broader implications for Town policy and practice, Direct Control is viewed as the only viable means for considering this proposal for estate residential development on this particular site.

Council's authority for creation of Direct Control Districts can be found in Section 641 of the Municipal Government Act.

Notice

The application will be advertised and property owners notified in accordance with the Bylaw.

Options:

1. That Council gives first reading to Bylaw No. 4-2012 and that a Public Hearing be held on March 26th, 2012 at 5:00 PM in the Council Chambers.
2. That Council not give first Reading to Bylaw No. 4-2012.
3. That Council gives first reading to Bylaw No. 5-2012 and that a Public Hearing be held on March 26th, 2012 at 5:00 PM in the Council Chambers.
4. That Council not give first Reading to Bylaw 5-2012.

Recommendation:

Options #2 and # 3.

Approval Date:

February 7, 2012

CAO:



TOWN OF TABER
BY-LAW NO. 4-2012

**BEING A BY-LAW OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, TO AMEND
BY-LAW NO. 4-2006, THE LAND USE BY-LAW OF THE TOWN OF TABER**

Pursuant to Section 692(1)(f) of the Municipal Government Act, Statutes of Alberta, 2000, Chapter M-26.1, as amended, the Council of the Town of Taber, in the Province of Alberta, duly assembled enacts as follows:

1. By-Law 4-2006 is hereby amended to include the following:
2. That Schedule "B", District Maps of the said By-Law is hereby amended by rezoning:

Thelma Street Plan 7808A1 Block 2-3
From Urban Reserve Residential (UR-R) to Low Density Residential (LR) as indicated in the sketch below:



3. The remainder of By-Law 4-2006 and its amendments thereof not amended by this By-Law remains in full force and effect.

RES. ____ **READ** a first time this ____ day of ____, 2012.

RES. ____ **READ** a second time this ____ day of _____, 2012.

RES. ____ **READ** a third time and finally passed this ____ day of _____, 2012.

MAYOR

CHIEF ADMINISTRATIVE OFFICER

Town of TABER
BY-LAW NO. 5-2012

BEING A BY-LAW OF THE TOWN OF TABER, IN THE PROVINCE OF ALBERTA, TO AMEND BY-LAW NO.4-2006, THE LAND USE BY-LAW OF THE TOWN OF TABER

Pursuant to Section 692(1)(f) of the Municipal Government Act, Statutes of Alberta, 2000, Chapter M-26.1, as amended, the Council of the Town of Taber, in the Province of Alberta, duly assembled enacts as follows:

1. By-Law 4-2006 is hereby amended to include the following:
2. That Section 27-1: Direct Control (DC-1) be created:

Direct Control (DC-1) District

In accordance with Section 27.4(d) of By-Law 4-2006, the DC-1 District is hereby given the following unique direct control requirements:

Minimum Lot Area:	1 hectare
Maximum Lot Density:	One house per approved lot
Minimum Setback from Top of Bank:	To be determined after the Town's review and acceptance of a geotechnical engineering report with appropriate technical recommendations prepared by a qualified professional geotechnical engineer. Town council may retain a professional engineer either to conduct a geotechnical report or complete a peer review of an existing report and advise council accordingly, with respect to both top of bank and minimum setback for all buildings from the top of bank.
Maximum Height:	10.5 meters
Minimum Landscaped Area:	All landscaped areas shall be designed and maintained in accordance with the relevant recommendations from the geotechnical report.
Minimum Front Yard:	10 meters (subject to geotechnical study unless recommended otherwise)
Minimum Rear Yard:	20 meters or more (if recommended by the accepted geotechnical study)
Minimum Side Yard:	3 meters

All other district requirements shall be as Council deems necessary.

3. That Schedule "B", District Maps of the said By-Law is hereby amended by re-zoning:

Thelma Street Plan 7808AI Block 2-3

From Urban Reserve Residential (UR-R) to Direct Control (DC-1) as indicated in the sketch below:



4. The remainder of By-Law 4-2006 and its amendments thereof not amended by this By-Law remains in full force and effect.

RES. _____ **READ** a first time this ___ day of ___, 2012.

RES. _____ **READ** a second time this ___ day of _____, 2012.

RES. _____ **READ** a third time and finally passed this ___ day of _____, 2012.

MAYOR

CHIEF ADMINISTRATIVE OFFICER

Public Notice
Amendment to Land Use Bylaw 4-2006
Proposed Bylaw 4-2012

Take notice that the Town of Taber has received an application to amend Land Use Bylaw 4-2006 by introducing proposed Bylaw 4-2012.

A public hearing and discussion of the proposed amendment will be held on Monday, March 26th, 2012 at 5:00PM in the Town Council Chambers, Administration Building, 4900A – 50 Street, Taber, Alberta.

The bylaw proposes that Schedule "B", the Land Use District Map of Bylaw 4-2006 be amended by rezoning the following lands:

Thelma Street Plan 7808AI Block 2-3
From Urban Reserve Residential (UR-R) to Low Density Residential (LR) as indicated in the sketch below:



Copies of the proposed amendment to Bylaw 4-2006 will be available at the Town Office, 4900A – 50 Street, Taber, Alberta.

All those who are interested or who may be affected, are invited to attend the Public Hearing. Oral briefs may be put forward at the Public Hearing and those persons attending may ask questions about the proposed amendment to Land Use Bylaw 4-2006 or any other related matters.

Written briefs may be submitted to the Planning and Development Office. Such briefs should reach the Town Office no later than Monday, March 19th, 2012.

John Henricks, RPP, MCIP
Acting Director of Planning & Economic Development
Phone: 223-5500, ext 5524
Email: planning@taber.ca

Public Notice
Amendment to Land Use Bylaw 4-2006
Proposed Bylaw 5-2012

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From Urban Reserve Residential (UR-R) to Direct Control (DC-1) as indicated in the sketch below:



Copies of the proposed amendment to Bylaw 4-2006 will be available at the Town Office, 4900A – 50 Street, Taber, Alberta.

All those who are interested or who may be affected, are invited to attend the Public Hearing. Oral briefs may be put forward at the Public Hearing and those persons attending may ask questions about the proposed amendment to Land Use Bylaw 4-2006 or any other related matters.

Written briefs may be submitted to the Planning and Development Office. Such briefs should reach the Town Office no later than Monday, March 19th, 2012.

John Henricks, RPP, MCIP
Acting Director of Planning & Economic Development
Phone: 223-5500, ext 5524
Email: planning@taber.ca

**Land Use Bylaw Amendment
FORM F**



Planning Department
A4900-50 Street
Taber AB T1G 1T1
ph: (403) 223-5500
fx: (403) 223-5530
email: planning@taber.ca

APPLICATION NO: _____
RECEIVED DATE: Aug 22 / 2011

BYLAW NO: _____
ROLL NO: 7101619 / 7101620
FEE RECEIVED: Aug 22 / 2011

Applicant

I/We hereby make application to amend the Land Use bylaw:

Name: Jean and Thomas Menard Phone: 403 223 0845
Address: 4630 - 58 Ave TIGIER Cell No: _____
Postal Code

Legal Description of Land Subject to Amendment:

Municipal Address: Thelma Street

Legal Description: Lot: _____

Block: 2+3 Plan: 7808 A1

Amendment Proposed: From: Urban Reserve Residential
To: Low Density Residential

If applying for a text amendment, please provide the proposed text, the relevant Section, if any, and an explanation of the proposed amendment

NA

Reasons in Support of Application (in order to properly evaluate an application for amendment, the Town must be provided with a complete concept for the land. Please indicate everything which is presently built on the land, and any use or development proposed for that land and provide whatever maps, diagrams, and text you feel are needed)

See Attached letter dated August 12, 2011

Date: August 12, 2011

Signed: Thomas Menard

The personal information requested on this form is being collected for the processing of a land use bylaw amendment application, under the authority of the Municipal Government Act (MGA) and is protected by the Freedom of Information and Protection of Privacy (FOIP) Act. If you have any questions about the collection, contact our FOIP Coordinator at (403) 223-5500.

Registered Owner(S) Or Person Acting On Their Behalf

I, Jean and Thomas Menard hereby certify that I/We:

am the registered owner, or
 am authorized to act on behalf of the registered owner(s)

and that the information given on the form is complete and is, to the best of my knowledge, a true statement of the facts relating to this application for approval. I/We hereby give my/our consent to allow Council or a person appointed by it the right to enter the above land with respect to this application only.

Signed Thomas Menard

Date _____

Phone (hm): 223 0845

Phone (wk): _____

Authorization From Registered Owner(S) Of Land Subject To Amendment

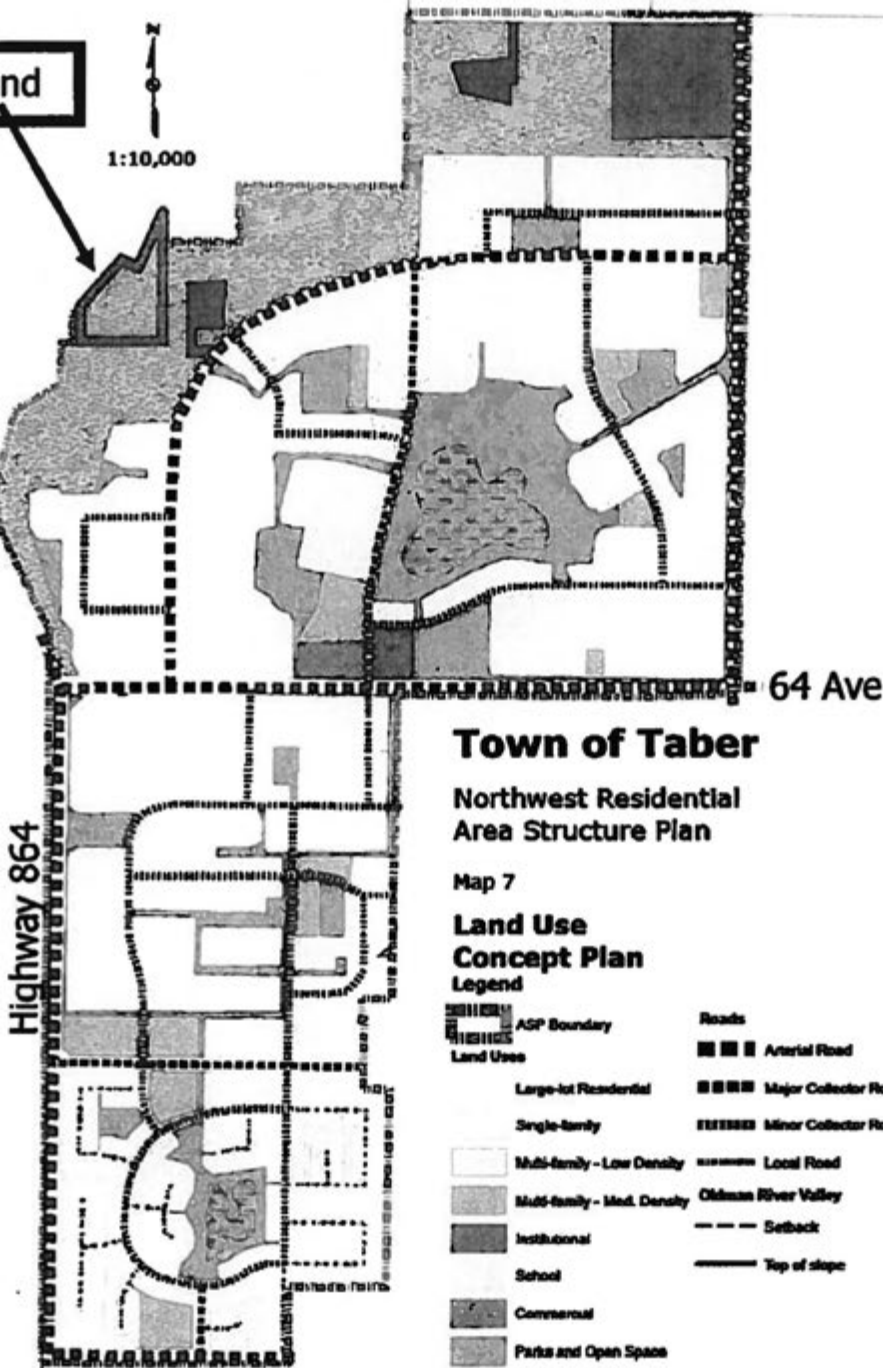
I/We, _____, the registered owner(s) of the land subject to this amendment, do hereby authorize _____ to act on our behalf with respect to this proposal to amend the Land Use Bylaw.

Registered Owners' Signature _____ Date _____

The personal information requested on this form is being collected for the processing of a land use bylaw amendment application, under the authority of the Municipal Government Act (MGA) and is protected by the Freedom of Information and Protection of Privacy (FOIP) Act. If you have any questions about the collection, contact our FOIP Coordinator at (403) 223-5500.

Subject Land

1:10,000



Town of Taber

Northwest Residential Area Structure Plan

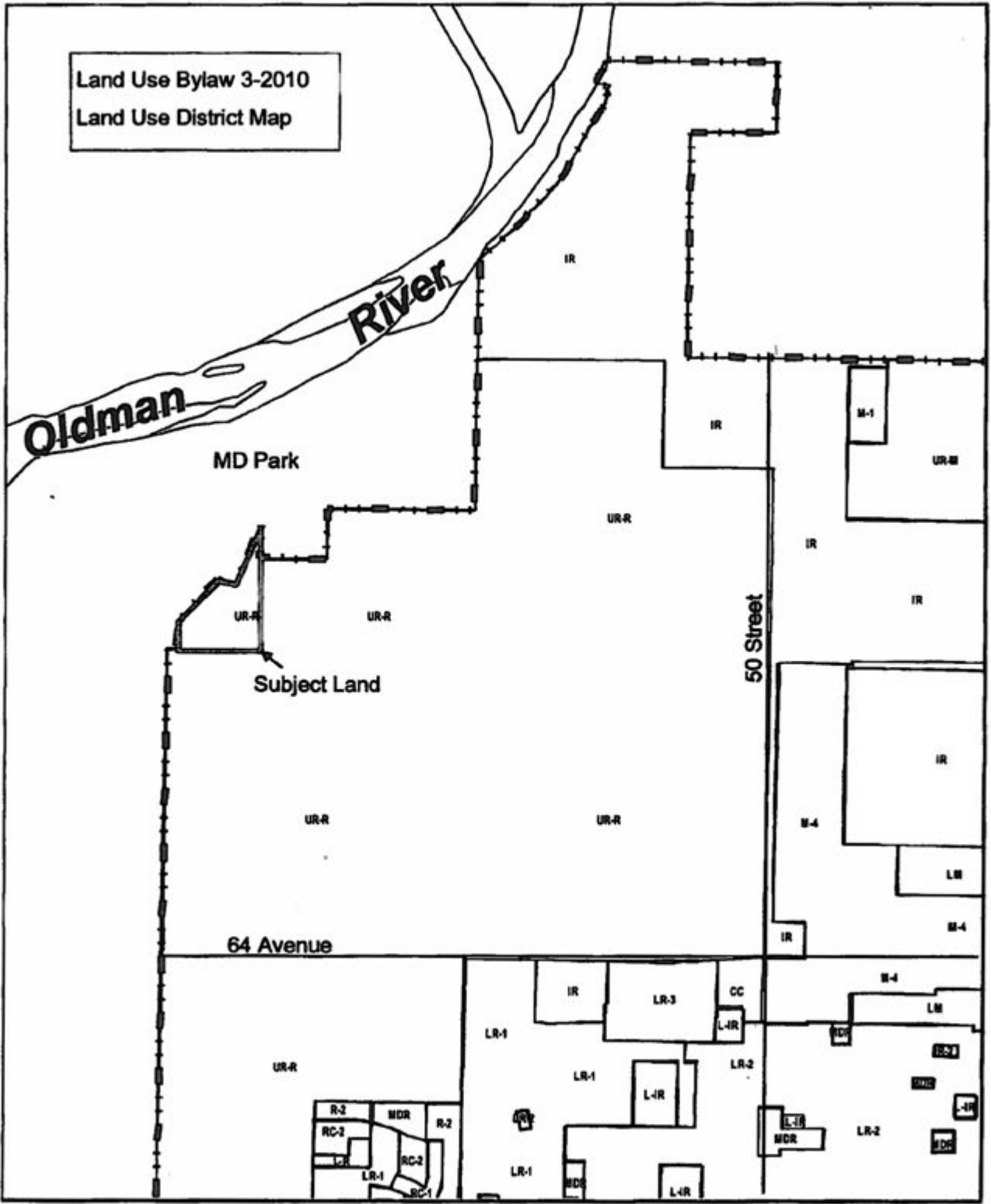
Map 7

Land Use Concept Plan Legend

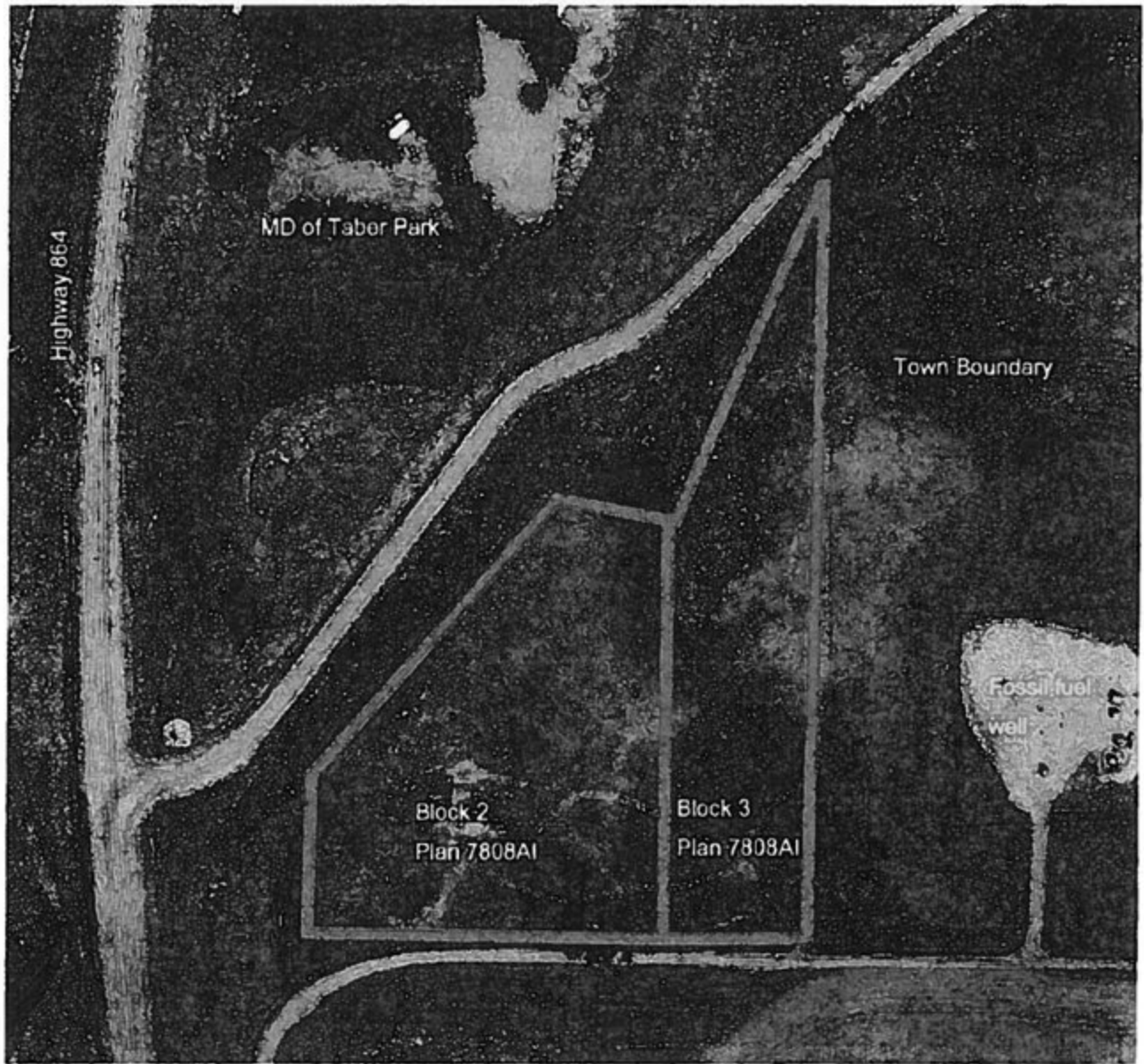
- | | | | |
|--|-----------------------------|--|----------------------|
| | AGP Boundary | | Roads |
| | Land Uses | | Arterial Road |
| | Large-lot Residential | | Major Collector Road |
| | Single-family | | Minor Collector Road |
| | Multi-family - Low Density | | Local Road |
| | Multi-family - Med. Density | | Oldman River Valley |
| | Institutional | | Setback |
| | School | | Top of slope |
| | Commercial | | |
| | Parks and Open Space | | |
| | Environmental Reserve | | |
| | Industrial | | |
| | Public Utility | | |
| | Proposed Lake | | |



Land Use Bylaw 3-2010
Land Use District Map



Air Photo of subject lands for Land Use Bylaw Amendment 3-2010



SECTION 25: Urban Reserve Residential (UR-R) DISTRICT

1. Purpose

The purpose of this District is to regulate the subdivision and development of land in anticipation of eventual development for urban residential uses.

2. Uses

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Existing Agricultural Operations

Discretionary Uses

- (a) Accessory Building, Structure or Use
- (b) Single Detached Dwelling
- (c) Dugouts
- (d) Home Occupation
- (e) Kennel
- (f) Manufactured Home
- (g) Modular Home
- (h) Public Use
- (i) Utilities
- (j) Sign
- (k) Sod Farming
- (l) Stripping of Topsoil

3. District Requirements

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

Minimum Lot Area:	Discretion of the Development Authority
Maximum Lot Density Per Quarter Section:	1 residential lot plus the balance
Minimum Lot Width:	30 metres
Minimum Front Yard:	30 metres
Minimum Rear Yard:	7.5 metres
Minimum Side Yard:	7.5 metres

SECTION 4: Low Density Residential (LR) DISTRICT

1. PURPOSE

This District provides for larger single detached dwelling units.

2. USES

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Garage (attached)
- (b) Park
- (c) Utilities
- (d) Single Detached Dwelling Unit

Discretionary Uses

- (a) Accessory Building, Structure, or Use
- (b) Garage (detached)
- (c) Home Occupation
- (d) Public Use
- (e) Sign

3. DISTRICT REQUIREMENTS

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

Minimum Lot Area:	595 m ²
Minimum Lot Width:	17 metres
Minimum Front Yard:	7.0 metres
Minimum Rear Yard:	7.0 metres
Minimum Interior Side Yard:	
a) Rear Lanes:	1.5 metres
b) Laneless:	1.5 metres if garage attached; 3 metres on one side and 1.5 metres on the other if no attached garage
Minimum Exterior Side Yard:	3.0 metres
Maximum Building Height:	10.5 metres

SECTION 4: Low Density Residential (LR) DISTRICT

Maximum Coverage:	40%
Minimum Landscaped Area:	30%
Minimum Floor Area (excludes basement):	130 m ²

4. SPECIAL REQUIREMENTS: ACCESSORY BUILDINGS

No accessory building or structure shall be erected in any yard other than the interior side yard or rear yard and shall be no closer to any lot line than 1.5 metres (5 feet). This special requirement shall not be applied to garages.

SECTION 27: Direct Control (DC) DISTRICT

1. Purpose

This district is intended to allow flexibility for approval of uses on suitable sites which have potential for a variety of different uses. On sites designated as Direct Control, Council is willing to consider proposals that do not unduly interfere with the amenities of the neighbourhood or materially interfere with or affect the use or enjoyment or value of neighbouring properties.

2. Uses

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Any use Council considers appropriate

Discretionary Uses

- (a) Accessory Buildings and Structures
- (b) Public Uses
- (c) Utilities

3. District Requirements

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

Minimum Lot Area and Lot Width:	As Council deems necessary having regard to the nature of the use.
Maximum Lot Density:	As Council deems necessary.
Minimum Setbacks:	As Council deems necessary.
Maximum Height:	As Council deems necessary.
Minimum Landscaped Area:	As Council deems necessary.
Signage:	As Council deems necessary.

4. Approval Procedures

- (a) Before Council considers an application for a use in the Direct Control district, they shall:

SECTION 27: Direct Control (DC) DISTRICT

- (i) cause notice to be issued by the Development Officer in accordance with the notification procedures of Section 2 of this by-law to all those located within 100 metres of the boundaries of the property subject to the application.
 - (ii) hear any persons that claim to be affected by the decision on the application.
- (b) Council may then approve the application with or without conditions or refuse the application.
- (c) Council hereby delegates to the Development Officer decision-making authority for all discretionary uses listed for this district, including district requirements.
- (d) Each site to which Direct Control is applied shall be given its own unique Direct Control requirements or provisions. In order to distinguish one Direct Control site from another, each site shall be identified on the Land Use maps by its own unique DC suffix number. For example, the first time Direct Control is applied under the provisions of this Land Use by-law, that Direct Control district will be identified as DC-1.

SECTION 4: Low Density Residential (LR) DISTRICT

1. PURPOSE

This District provides for larger single detached dwelling units.

2. USES

No person shall use any lot or erect, alter or use any building or structure for any purpose except one or more of the following:

Permitted Uses

- (a) Garage (attached)
- (b) Park
- (c) Utilities
- (d) Single Detached Dwelling Unit

Discretionary Uses

- (a) Accessory Building, Structure, or Use
- (b) Garage (detached)
- (c) Home Occupation
- (d) Public Use
- (e) Sign

3. DISTRICT REQUIREMENTS

In addition to the General Land Use Provisions contained in Section 3, the following regulations shall apply to every development in this district.

Minimum Lot Area:	595 m ²
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Minimum Front Yard:	7.0 metres
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Minimum Interior Side Yard:	
a) Rear Lanes:	1.5 metres
b) Laneless:	1.5 metres if garage attached; 3 metres on one side and 1.5 metres on the other if no attached garage
Minimum Exterior Side Yard:	3.0 metres
Maximum Building Height:	10.5 metres

SECTION 4: Low Density Residential (LR) DISTRICT

Maximum Coverage:	40%
Minimum Landscaped Area:	30%
Minimum Floor Area (excludes basement):	130 m ²

4. SPECIAL REQUIREMENTS: ACCESSORY BUILDINGS

No accessory building or structure shall be erected in any yard other than the interior side yard or rear yard and shall be no closer to any lot line than 1.5 metres (5 feet). This special requirement shall not be applied to garages.

Thomas and Jean Menard
4630 – 58 Ave
Taber, AB T1G 1E2
August 12, 2011
tmenard@gmail.com
403-223-0845

Jim Coughlin
Director of Planning and Economic Development
Town of Taber

Dear Mr. Coughlin:

This is our second application to rezone two parcels of land we own on Thelma Street. Please accept this letter as the Reasons in Support of the Application component in the Land Use Bylaw Amendment Form F.

The Town committed serious mistakes in handling our first application, as we described in our presentation to the Town Council on July 18, 2011.

We are happy that the Town has recently decided to change the format of public hearings. Now the Town Planner's recommendation will be presented at the beginning, so the applicant and the public will have the opportunity to respond to it.

We ask the Town to give us, for the first time ever, a chance to present our case in a fair and open process.

We ask the Town to waive the second \$600 application fee.

We also ask for expedited handling of our new application.

Put All the Information on the Table

In this, the second time our application is considered, we want the opportunity to put all the information on the table and examine it with the Municipal Planning Commission. This information includes:

The Town's Land-use bylaw, which zones our land for future residential use, and currently allows building a house on our land as a discretionary use.

The Town's Northwest Residential Area Structure Plan, which requires a geotechnical engineering study be done on our land to determine which portions are stable and to establish a new building setback limit. The ASP also recommends building houses on our

land.

Our Professional Geotechnical Engineer's report, which establishes a new building setback limit at a distance from the bottom of the slope of approximately 3X the height of the slope, and concludes that the land is suitable for private septic systems.

Your response to our recent Freedom of Information and Protection of Privacy Act request. At the Town Council meeting on January 20, 2011, you stated your professional opinion that, "Twenty to thirty years from now, houses built on that land will slide down the hill, placing the Town in a position of legal liability, and the Town will have to purchase the property." In your response to our FOIP request, you admitted that you do not have the necessary data to support this professional opinion. Basically, you misled the Council.

The location where you, the Town Planner, think the building setback limit should be on our land, together with the data that support this location. We ask the Town to give us this information.

Provincial recommendations on setbacks from hillsides. The Province recommends that the setback be placed where specified in a geotechnical engineer's report, or at a distance from the toe of the slope equal to 3X the height of the slope (*Sustainable Resource Development Standard Recommendations to Municipal Subdivision Referrals*).

The M. D. of Taber's Land-use bylaw, which requires a building setback distance of 2X the height of the slope, measured from the top of a steep slope.

The City of Lethbridge's Land-use bylaw, which defines how far away from a hillside is far enough to build a house in Lethbridge. It requires a building setback distance of 4X the height of the slope, measured from the bottom of the slope, following the recommendation of Professional Engineers after recent problems there.

We ask the Town to give us any information collected by the Town Councillors that might influence their votes.

We heard rumours that some houses in the M. D. north of the Town cemetery slid down the hill towards the river. We tried to confirm these rumours, but could find no evidence of any houses sliding down hills. Instead, there seems to be a correlation of false rumours with the timing of land nearby being offered for sale. Last year there was another false rumour, this one involving Ryan Torrie's new house next door to our land, while our land was for sale. We ask the Town to give us: the dates that houses slid down the hill in the M. D., the land owners' names, addresses, a description of the damage, and the cost in dollars to the M. D.

Recent actions by the M. D. of Taber, which in the last two years has approved two new houses built by Ryan Torrie and Kenny Just, along the tops of the coulee.

Letters from the internal and external circulation that were presented at the first public hearing, and our response to those letters (included below).

We also recommend Fred Laux's book, *Planning Practice and Law in Alberta*, and the Provincial guidelines on good government, described in the *Subdivision and Appeal Board Training Manual*.

Response to Internal and External Circulation

The replies by various agencies and people to the Town concerning our application to rezone our land were presented at the public hearing on December 20, 2010. We subsequently gathered information to answer these questions and concerns.

M. D. of Taber

The M. D. of Taber raised the question of whether the proposed rezoning is consistent with the meaning and intent of the Town's Northwest Area Structure Plan.

As we discussed in the Public Hearing, the Northwest Area Structure Plan presents a plan for what to do with land along the coulee tops that has building potential. It requires a geotechnical engineering study be done on our land to identify which portions are stable, it requires a building setback limit be established, and it recommends locating houses on our land to take advantage of the views up and down the river valley (p. A1 and A3).

The M. D. of Taber identified two significant engineering questions that need to be addressed as part of our rezoning application: is the land suitable for building houses on, and is the land suitable for building private septic systems? They identified these questions but did not answer them.

Our Geotechnical Engineer conducted a detailed study of our land and concluded that most of the land is safe for building houses and for building private septic systems. He established a new building setback limit, which will prevent people from building too close to the hillside.

The M. D. of Taber recommended that building setback limits from nearby oil wells and pipelines be observed. We agree, and note that our 5-acre lots have plenty of room for houses.

The M. D. of Taber raised the question of whether a deceleration lane is required on Hwy 864 at the intersection of Thelma Street. Alberta Transportation did not mention a requirement for a deceleration lane in their letter to the Town. So we called Alberta Transportation to clarify their position and talked to Leah Olsen (403-381-5426), whose initials are on the letter. She said that they do not require a deceleration lane at the intersection. She also said that there is more traffic going down the road into the M. D. Park than there will be on Thelma Street with two houses.

The M. D. of Taber stated that they prefer a small number of houses on large lots, instead of many houses on half-acre lots. We agree.

Associated Engineering

The Town's engineering consultant had the opportunity to provide the Town Council with advice on the two significant engineering questions: slope stability and suitability for private septic systems. Henry van der Pyl chose not to address the two engineering questions in his letter of December 7, 2010.

However, in a previous letter to us and the Town Planners (May 27, 2010), the engineering consultants said:

A sanitary sewer may be feasible to service in the interim with a septic system including caveats on the titles to pay for sanitary sewer hook-up in the future to the extension of Town pipe system. Water will likely consist of cisterns [and hauled water] until the Town pipe system is extended through neighbouring lands.

Whenever Town water and sewer pipes finally reach our land, the owners of the houses will pay for and tie into the Town services because they are easier to maintain.

When we talked to the engineers in May, 2010, we discussed the possibility of closed septic systems that do not release anything to the environment. The engineers replied that there are variety of well-known engineering solutions, and that one or more will fit the situation. They also said that the technology for septic systems has improved in the last 20 years, so new systems are safer than the old ones.

In his recent letter, Henry van der Pyl said that engineering designs for sewer, water supply, and storm water drainage need to be completed before any houses are built. We agree.

In preparing our application, we followed the Town's Land-Use Bylaw, which specifies what is needed in an application to amend the Bylaw. It requires engineering details be provided for private septic systems (if used) in order to amend the Bylaw for a subdivision of 4 or more lots, but not for fewer (4-2006, section 19 C ix d). The Bylaw also requires details be provided for potable water and storm water management for a subdivision of 4 or more lots, but not for fewer (4-2006, section 19 C ix b and c). The details of the storm water management plan, of course, will depend on where each house will be located on the 5 acres of land, which has not yet been decided.

Our application concerns two lots, and it is appropriate to provide these engineering details together with the building permit applications, at some time in the future. According to the Land-Use Bylaw, our rezoning application is not premature.

Alberta Health Department

The Health Inspector visited our land and concluded that it was unsuitable for private septic

systems because the land slopes to the north. He actually said this in his letter to the Town.

Our Professional Engineer also noted that the land slopes to the north. In his professional opinion, the slope of the surface does not affect the suitability of the land for septic systems.

The Alberta Health Department has a policy of not recommending private septic systems on any land "surrounded by urban confines," even if the land is geologically ideal. We agree with their policy. For example, if someone were to purchase one of the small neighbourhood parks in Town, there would certainly be enough land and the ground might have perfect conditions for a septic field. But these neighbourhood parks are surrounded by urban development and are unsuitable for a private septic system.

In sharp contrast, our land is surrounded by a 440-acre farm (they grew corn last year), the M. D.'s park and campground, and a rural house on 10 acres. This is fine example of land that is not surrounded by urban development.

The Town Land-Use Bylaw allows new private septic systems in Town (4-2006, section 19 C ix d). We think that our land is one of the few locations in Town where private septic systems are appropriate.

Taz Urano, Tom Urano, and Hink Urano

The Urano brothers own the farmland south of Thelma Street.

Taz Urano submitted a letter to the Town Council in support of our rezoning application.

Hink Urano submitted a letter claiming that he owns part of Thelma Street. His claim is false. It is contradicted by his brother Taz Urano and by Alberta Land Titles.

Thelma Street has been continuously used as a public roadway for 100 years. Therefore, the Town has the power to take back ownership of Thelma Street in order to reestablish public road access to our land. Happily, this drastic action is unnecessary because Thelma Street is already publicly owned.

Taber Fire Department

The Taber Fire Department said that it would take them about the same length of time to get to a house on our land as it would take them to get to Ryan Torrie's house next door. We thank them for responding to and containing a grass fire on our land two winters ago.

Taber Public Services

Taber Public Services said that they do not want to collect the trash or plow snow on Thelma Street because doing so would be expensive. There is a commonly used solution to their concerns, namely an understanding that the Town will not collect the trash or plow snow on Thelma Street. That would be fine with us, and we will require anybody who buys the land from us to also agree. Thelma Street is being maintained by Canadian Natural Resources Ltd. (Kevin

Jensen, 403-634-2446), and could be maintained in the future by CNRL and the owners of the new houses.

We know that there is a danger to the Town if the Town agrees to spend no money maintaining Thelma Street. There is a risk that ten years from now that the second owner of one of the houses will ask, "Can the Town plow the snow on Thelma Street?" At that point, the Town will have to recalculate the cost of plowing, compare it to the property taxes being paid, and answer either "Yes, we can," or "No, we cannot."

We are also not asking the Town to pay for paving Thelma Street. The Town does not pay to pave new streets in Town built by land developers. We expect the same treatment.

Money

The people who will live in the two new houses to be built on our land will pay a lot of money to the Town in property taxes. Wayne Lamb at Benchmark Appraisal (403-381-0535) estimates that the combined property taxes on the two houses will total approximately \$15,000 per year. These people will consume some Town services (library, parks, schools, landfill, etc.), but approximately as much as two other families living in two other houses in Town, who pay a combined property tax of, say, \$5,000 per year.

There is a difference here of \$10,000 per year of additional property taxes. The obvious question is what services should the Town provide to these people? Remember, that if they cannot build houses in Town, they will build expensive houses out in the M. D., and will pay property taxes to the M. D., instead.

Consider how much it would cost the Town to plow the snow on Thelma Street. The road will need plowing maybe 10 times every winter, and plowing will take 15 to 30 minutes each time. According to Brian Kambeitz, running a snow plow costs the Town \$120 – \$145/hour depending on the machine. Multiplying the numbers gives a cost of approximately \$300 – \$700/year. Compared to the revenues of \$15,000/year in property tax, this is not a scary amount.

People of the Town

We talked to many people in Town about our project and found an overwhelming level of support. We could easily have obtained many more signatures, but stopped when we found that (with one exception) everybody had the same reaction, "You have an engineering study that concludes the land is safe to build on. It is your land, you should be able to build on it."

Summary

We request a land use amendment for Blocks 2 and 3 within Plan 7808 AI, to change the zoning from Urban Reserve Residential to Low-Density Residential.

Taber's Land Use bylaw currently designates this land as Urban Reserve Residential, which states, "The purpose of this District is to regulate the subdivision and development of land in

anticipation of eventual development for urban residential uses.”

The urban design objectives in the Northwest ASP indicate the plan will provide a range of housing for various income groups and take advantage of the scenic vistas provided by the Oldman River Valley. The plan contemplates this by incorporating “estate style” lots along the coulee edge where geotechnical considerations allow for such development.

Although the land is shown in the Northwest ASP within a zone labelled environmental reserve, this designation holds no legal implication in this instance. It was labelled this way as a holding designation until geotechnical work was completed, ensuring that it was appropriate for development.

While these lots are not contiguous with the established urban fabric of the town, it is important to remember that estate-style dwellings rarely are. This type of dwelling appeals to purchasers who can afford and desire to live in unique and attractive surrounding separated from typical urban densities. We ask Taber's approval authority to provide this type of development within the Town's urban boundaries instead of compelling house builders to go into the surrounding Municipal District.

The M. D. of Taber allows country residential, estate-styled developments within their boundaries, including new houses along the tops of coulees. Therefore, if the Town does not accept this development on our land, more houses will be built in the M. D., and the M. D. will collect the property taxes.

Also, agricultural land in the M. D. must be taken out of production to facilitate this type of growth. By contrast, our land is sitting vacant and unused. Its use could be improved by allowing houses to be built on it.

Since 1911, Thelma Street has provided legal public access from these parcels to Highway #864. Upon the issuance of development permits, Thelma Street can be upgraded to a suitable standard.

A recent geotechnical engineering study concluded that these lots are suitable for building houses and the houses can be serviced through private septic systems.

The requirement for sufficient land for private septic systems means that the land cannot currently be subdivided into parcels smaller than 2.5 acres, regardless of the zoning. This will remain true for a long time to come: until the Town's sewer pipes are extended to this part of Town. At that time, 75 or 100 years from now, the land could be subdivided into smaller parcels to facilitate additional development, which will help pay for the construction of the sewer line.

Lastly, allowing residential development in this area would lead to a decrease in mischief, which is currently taking place on the parcels in the form of garbage dumping, trespassing, and uncontrolled burning. The concept of having “eyes on the street” is a contemporary planning

principle to reduce these problems.

We think that allowing houses to be built on these parcels will provide a positive benefit to the Town.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jean and Thomas Menard".

Jean and Thomas Menard

Belanger, Lorraine

From: Henricks, John
Sent: Tuesday, October 11, 2011 12:43 PM
To: anwar.majid@aecom.com
Cc: tmenard@gmail.com; Belanger, Lorraine
Subject: GeoTech Evaluation Taber (report from Dec 08)

Mr. Majid, Tom Menard has advised that we are welcome to forward questions regarding the geo-technical report prepared by AECOM on December 15, 2008. Although a phone call may be of assistance ultimately, I thought it best to offer my questions in writing so you have an opportunity to consider your responses. Our primary goal is to ensure that any houses (any development in fact), if approved for construction on these lands, will be safe from slope instability for at least 100 years. My initial read of this report has not given me that assurance but if you are able to address my questions below, perhaps it is possible to get that assurance. Perhaps the development setbacks will have to be re-defined and we may need more clarity on soils structure and impacts of groundwater and urban irrigation practices on slope stability in this area but let's start at least with my questions and see where this takes us. Your willingness to assist is greatly appreciated!

Questions:

- 1) Please clarify how "top of bank" and "bottom of slope" were selected. Perhaps defining these terms for the purposes of this report, using accepted industry definitions would be helpful.
- 2) Please clarify the report's term: "undeveloped areas". If "developed areas" is defined, could we assume all other areas are "undeveloped" for the purposes of this report? If so, defining "developed areas" may also assist the reader.
- 3) Clarification is required with respect to "groundwater" and the link between "excess groundwater" referenced in Section 4.2 and the points in Section 7.4 wherein it is noted that excess water may result in movement or instability.
If existing conditions already indicate there is excess groundwater (Section 4.2) and if excess groundwater could lead to soil movement and/or slope instability, how is it possible to ensure any structure could even be protected from "immediate" impacts let alone longer term impacts due to soil instability? Perhaps a clarification for Sections 4.2 and 7.4 will address this question.
- 4) Given the recommendations contained in Section 7.4 requiring that "landscaping around the structure should be limited to low maintenance, native vegetation that can survive under ambient climatic conditions", is there any way that development can be allowed while accommodating a more traditional landscaping approach, with a focus perhaps on xeriscaping and emphasis on drip irrigation? Our concern relates to the fact that the report's recommendation as drafted is not likely to be followed by future residents and will be difficult to enforce. However, perhaps if the report can offer a different approach that recognizes the reality of our climate and culture, that may prove to be helpful.
- 5) With regard to getting a sense for a 100 year (or "long term") stable slope line, regardless of how one calculates safety factors, the intent of our question is to get a reasonable sense of predictable rates of erosion/sloughing for the slopes impacting this site. When identified, this can then guide decision making on where homes can be built safely for a long period of time. The safety factor we're trying to achieve will account for a time period that assures the property owner their investment is safe for a reasonable planning period. 100 years is commonly understood although often used as a probability (i.e. 1: 100 year storm). However a higher level of safety and protection is desirable and we are open to better ways of confirming our intent. For example, if a 1.5 safety factor gives a higher level of assurance than 100 years, please note this in your report as your professional advice and opinion. What we are ultimately trying to avoid is a report that recommends a site is safe today but may not in fact be safe tomorrow depending on changing conditions. Property owners need better guidance as will the Development Authority.

Thanks!

Belanger, Lorraine

From: Hennicks, John
Sent: Wednesday, November 09, 2011 11:39 AM
To: Schmidtke, Rudy
Cc: thomas.menard@gmail.com; Belanger, Lorraine
Subject: RE: Menard Property

This is intended to acknowledge receipt of your responses. It's helpful and greatly appreciated. We'll ensure these responses/recommendations are included in future reports to MPC and/or Council.

From: Schmidtke, Rudy [<mailto:Rudy.Schmidtke@aecom.com>]
Sent: November-08-11 5:38 PM
To: Hennicks, John
Cc: thomas.menard@gmail.com
Subject: Menard Property

John

Response to your questions attached. Thank you for the discussion the other day it helped with the response.

Rudy Schmidtke, M.Sc., P.Eng.
Associate Vice President
Alberta North District, Environment
D 780.486.7922 C 780-974-6161
rudy.schmidtke@aecom.com

AECOM
17007-107 Ave.
Edmonton, AB T5S 1G3
T 780.486.7000 F 780.486.7070
www.aecom.com

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Please consider the environment before printing this page.

Question 1: Top of Bank (same as the crest) is defined in this report as the break between the steep valley portion and the gently sloping upland portions of the site. It is located at distance 120 m on Section P1, at distance 100m on Section P2 and at distance 100m on Section P4. "bottom of the hill" is defined for this report as the up-gradient side of the up-gradient ditch of the Taber Municipal Park access road.

Question 2: "Undeveloped areas" are defined in this report as those areas that are left unstripped of vegetation and no material placed or removed. A minimum 10 m buffer zone from the top of bank should be left undeveloped to protect against erosion.

Question 3: Section 4.2 discusses the conditions on the neighbouring property and how it could affect this property – excess water refers to the water applied to the ground from irrigation. The term "excess water" in Section 7.4 is not directly related to the term in Section 4.2. The intent of Section 7.4 is to indicate that the addition of water can affect building foundations and slope stability and must be managed. The slope stability analysis indicate that the possibility of slope instability increases with water levels at 0.5 m, 1.0 m and 1.5 m higher than measured but the slope is still stable. This section was not intended to indicate that the current situation is unstable.

Question 4: One of the ways to enforce these sorts of restrictions is to register a caveat or restrictive covenant on the title(s). The continuous addition of water to the ground within the setback area will reduce the overall stability – as indicated by the analysis with rising water levels. Both xeriscaping and the use of native plants are good solutions. In addition, the developer is open to a sewage pump-out system rather than a septic field system. Septic fields can be developed but should be at least 50 m from the Top of Bank. Swimming pools, ornamental ponds and underground sprinkler/irrigation systems should not be permitted within 75 m of the Top of Bank unless they are designed to eliminate leaks and the design is reviewed by a professional geotechnical engineer.

Question 5: The analysis and recommendations undertaken for this report follow standard engineering practice. This is considered a low risk site as there is no toe erosion due to streams and rivers, the slope is less than 30 degrees and there are no signs of current slope instability. The developer is open to increasing the setback recommended by AECOM by 10 m further upslope. This setback increases the factor of safety and further protects building development.



TOWN OF TABER
COUNCIL REQUEST FOR DECISION

Subject: Taber Viper Swim Club

Date of February 13, 2012
Agenda:

Prepared By: Rob Cressman, Director of Public Services

Attachments: Feb 3/12 Correspondence
2012 Facility Booking Contract

Topic: 2012 Facility Rental Fee Reduction Request

Background:

Council's 2012 capital budget includes \$350,000 for replacement of the lap & landing pool PVC liner with tile. During the budget process, it was proposed that Administration would approach the Taber Viper Swim Club to see if they would consider applying under their non-profit association for a \$125,000 Community Facility Enhancement Fund (CFEP), the maximum grant available under the program. Administration has expressed to the club that Administration would prepare the application for their consideration/approval.

TVSC Board reviewed the Town's request and TVSC has indicated they are agreeable in principle to applying for the CFEP grant, and requested consideration of not increasing their 2012 facility rental fees in 2012, in recognition of TVSC's cooperation to partner with the Town on the project. Per the facility rental policy, TVSC requests Council consider their 2012 facility rental fee reduction request (attached). Carla Saunders, TVSC President and Jeanette Bennett will be in attendance to present this request at Council's meeting.

TVSC's 2012 swimming pool facility booking value at the 2012 rates (excluding GST) is as follows:

Table with 3 columns: Item, Date, Amount. Rows include 2012 Tryouts (Mar 16, \$ 52.86), Season Workouts (May 1-Aug16, \$6,415.30), Swim Meet (Jun 8 & 9, \$1,113.81), and 2012 Pool Rental Fees (\$7,581.97).

The above facility rental fees reflect a 3% increase over the 2011 rental rates - or an increase of \$220.83 compared to the facility rental fees in 2011 (calculated at 2011 rates as \$7,361.14).

Options:

- 1. Council approves the 3% facility rental fee reduction, requested by the Taber Viper Swim Club for their 2012 pool bookings, and directs Administration to prepare the CFEP application for their review.
2. Council denies the 3% facility rental fee reduction, requested by the Taber Viper Swim Club for their 2012 pool bookings, and directs Administration to prepare the CFEP application for their review.

Recommendation: Option #2 - Council denies the 3% facility rental fee reduction, requested by the Taber Viper Swim Club for their 2012 pool bookings, and directs Administration to prepare the CFEP application for their review.

Approval Date:

February 7, 2012

CAO: [Signature]



Taber Viper Swim Club
Box 4597 Taber, Alberta T1G 2C9

Taber Town Council
4900-50 St.
Taber, AB.
T1G 1T1



February 3, 2012

Dear Taber Town Council and Mayor Bryant,

We, the Taber Viper Swim Club, have been approached to partner with the town of Taber. Our role in this partnership is to apply for the CFEP grant to be used to tile the pool. The goal of the CFEP grant is to secure approximately \$125,000 worth of funding to put towards this project. The Viper Swim Club is a summer competitive swim program and as such utilize the pool from May 1st till mid-August. We generate over \$6000 in guaranteed income for the town each year. This year our pool rental fees will be around \$8300. As a club we are run by a volunteer board and charge each member to participate in the club. We try to keep our fees as close to cost of running the club as possible. When our club was approached to file the CFEP grant on behalf of the pool, as a board, we asked that in exchange we be exempt from the 3% fee increase for this upcoming season. At that time we were told that such a request must come to Town Council for a ruling. We feel that we are being fair to request that in exchange for getting \$125,000 in funding for the town we would receive an approximate \$250 reduction in our fees for the 2012 season. By giving us this reduction the town council is acknowledging the cooperation and showing appreciation for this partnership with the Taber Viper Swim Club.

Sincerely,

Carla Saunders, President

on behalf of the Taber Viper Swim Club



Rental Contract / Permit 2

Printed: 01-Feb-12, 11:36 AM

User: Marty

Contract #: 6975
Date: 11-Jan-12

User: Marty
Status: Firm

Parks and Recreation Department hereby grants VIPER'S SWIM CLUB (hereinafter called the "Licensee") represented by CARLA SAUNDERS, permission to use the Facilities as outlined, subject to the Terms and Conditions of this Agreement contained herein and attached hereto all of which form part of this Contract.

i) Purpose of Use Swim Club
 2012 Season

ii) Conditions of Use

iii) Date and Times of Use # of Bookings: 142 Starting: 2012 May 01 04:30 PM Expected: 0
 Ending: 2012 Aug 16 05:00 PM

Facility/Equipment	Day	Start Date	Start Time	End Date	End Time	Fee	XFee	Tax	Total
Aquafun Centre - Deep EndS	Tue	01-May-12	04:30 PM	01-May-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	01-May-12	06:00 PM	01-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	02-May-12	04:00 PM	02-May-12	05:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	02-May-12	05:00 PM	02-May-12	06:00 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Thu	03-May-12	03:45 PM	03-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	03-May-12	06:00 PM	03-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
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Aquafun Centre - Deep EndS	Fri	04-May-12	05:30 PM	04-May-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Mon	07-May-12	03:45 PM	07-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Tue	08-May-12	04:30 PM	08-May-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	08-May-12	06:00 PM	08-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	09-May-12	04:00 PM	09-May-12	05:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	09-May-12	05:00 PM	09-May-12	06:00 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Thu	10-May-12	03:45 PM	10-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	10-May-12	06:00 PM	10-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	11-May-12	04:30 PM	11-May-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Fri	11-May-12	05:30 PM	11-May-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Mon	14-May-12	03:45 PM	14-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Tue	15-May-12	04:30 PM	15-May-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	15-May-12	06:00 PM	15-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	16-May-12	04:00 PM	16-May-12	05:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	16-May-12	05:00 PM	16-May-12	06:00 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Thu	17-May-12	03:45 PM	17-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	17-May-12	06:00 PM	17-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	18-May-12	04:30 PM	18-May-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Fri	18-May-12	05:30 PM	18-May-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Tue	22-May-12	04:30 PM	22-May-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	22-May-12	06:00 PM	22-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	23-May-12	04:00 PM	23-May-12	05:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	23-May-12	05:00 PM	23-May-12	06:00 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Thu	24-May-12	03:45 PM	24-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	24-May-12	06:00 PM	24-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	25-May-12	04:30 PM	25-May-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Fri	25-May-12	05:30 PM	25-May-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Mon	28-May-12	03:45 PM	28-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Tue	29-May-12	04:30 PM	29-May-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25

User: Marty

Contract #: 6975
Date: 11-Jan-12

User: Marty
Status: Firm

Aquafun Centre - Deep EndS	Tue	29-May-12	06:00 PM	29-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	30-May-12	04:00 PM	30-May-12	05:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	30-May-12	05:00 PM	30-May-12	06:00 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Thu	31-May-12	03:45 PM	31-May-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	31-May-12	06:00 PM	31-May-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	01-Jun-12	04:30 PM	01-Jun-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Fri	01-Jun-12	05:30 PM	01-Jun-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Mon	04-Jun-12	03:45 PM	04-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Tue	05-Jun-12	04:30 PM	05-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	05-Jun-12	06:00 PM	05-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	06-Jun-12	03:45 PM	06-Jun-12	04:30 PM	\$8.04	\$0.00	\$0.40	\$8.44
Aquafun Centre - Deep EndS	Wed	06-Jun-12	04:30 PM	06-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Thu	07-Jun-12	03:45 PM	07-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	07-Jun-12	06:00 PM	07-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	08-Jun-12	04:30 PM	08-Jun-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Swimming Pool	Mon	11-Jun-12	03:45 PM	11-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Tue	12-Jun-12	04:30 PM	12-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	12-Jun-12	06:00 PM	12-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	13-Jun-12	03:45 PM	13-Jun-12	04:30 PM	\$8.04	\$0.00	\$0.40	\$8.44
Aquafun Centre - Deep EndS	Wed	13-Jun-12	04:30 PM	13-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
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Aquafun Centre - Swimming Pool	Fri	15-Jun-12	04:30 PM	15-Jun-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
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Aquafun Centre - Swimming Pool	Mon	18-Jun-12	03:45 PM	18-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Swimming Pool	Tue	19-Jun-12	04:30 PM	19-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	19-Jun-12	06:00 PM	19-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	20-Jun-12	03:45 PM	20-Jun-12	04:30 PM	\$8.04	\$0.00	\$0.40	\$8.44
Aquafun Centre - Swimming Pool	Wed	20-Jun-12	04:30 PM	20-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Swimming Pool	Thu	21-Jun-12	03:45 PM	21-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Deep EndS	Thu	21-Jun-12	06:00 PM	21-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Fri	22-Jun-12	04:30 PM	22-Jun-12	05:30 PM	\$52.86	\$0.00	\$2.64	\$55.50
Aquafun Centre - Deep EndS	Fri	22-Jun-12	05:30 PM	22-Jun-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Swimming Pool	Mon	25-Jun-12	03:45 PM	25-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
Aquafun Centre - Swimming Pool	Tue	26-Jun-12	04:30 PM	26-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	26-Jun-12	06:00 PM	26-Jun-12	07:00 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Wed	27-Jun-12	03:45 PM	27-Jun-12	04:30 PM	\$8.04	\$0.00	\$0.40	\$8.44
Aquafun Centre - Swimming Pool	Wed	27-Jun-12	04:30 PM	27-Jun-12	06:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Swimming Pool	Thu	28-Jun-12	03:45 PM	28-Jun-12	05:00 PM	\$66.08	\$0.00	\$3.30	\$69.38
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Aquafun Centre - Deep EndS	Fri	29-Jun-12	05:30 PM	29-Jun-12	06:30 PM	\$10.71	\$0.00	\$0.54	\$11.25
Aquafun Centre - Deep EndS	Mon	02-Jul-12	08:00 AM	02-Jul-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming Pool	Mon	02-Jul-12	03:30 PM	02-Jul-12	05:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Aquafun Centre - Deep EndS	Tue	03-Jul-12	08:00 AM	03-Jul-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming Pool	Tue	03-Jul-12	04:00 PM	03-Jul-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25

User: Marty

Contract #: 6975		User: Marty	
Date: 11-Jan-12		Status: Firm	
Pool			
Aquafun Centre - Deep EndS	Wed 04-Jul-12	08:00 AM 04-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Wed 04-Jul-12	04:00 PM 04-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Thu 05-Jul-12	08:00 AM 05-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Thu 05-Jul-12	03:30 PM 05-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Mon 09-Jul-12	08:00 AM 09-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Mon 09-Jul-12	03:30 PM 09-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Tue 10-Jul-12	08:00 AM 10-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Tue 10-Jul-12	04:00 PM 10-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Wed 11-Jul-12	08:00 AM 11-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Wed 11-Jul-12	04:00 PM 11-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
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Aquafun Centre - Swimming Pool	Fri 13-Jul-12	04:00 PM 13-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Mon 16-Jul-12	08:00 AM 16-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Mon 16-Jul-12	03:30 PM 16-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
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Aquafun Centre - Swimming Pool	Wed 18-Jul-12	04:00 PM 18-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Thu 19-Jul-12	08:00 AM 19-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Thu 19-Jul-12	03:30 PM 19-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Fri 20-Jul-12	08:00 AM 20-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
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Aquafun Centre - Deep EndS	Wed 25-Jul-12	08:00 AM 25-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Wed 25-Jul-12	04:00 PM 25-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Thu 26-Jul-12	08:00 AM 26-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Thu 26-Jul-12	03:30 PM 26-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Fri 27-Jul-12	08:00 AM 27-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Fri 27-Jul-12	04:00 PM 27-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Mon 30-Jul-12	08:00 AM 30-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Mon 30-Jul-12	03:30 PM 30-Jul-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Tue 31-Jul-12	08:00 AM 31-Jul-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Tue 31-Jul-12	04:00 PM 31-Jul-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Wed 01-Aug-12	08:00 AM 01-Aug-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Wed 01-Aug-12	04:00 PM 01-Aug-12	05:30 PM \$79.29 \$0.00 \$3.96 \$83.25
Aquafun Centre - Deep EndS	Thu 02-Aug-12	08:00 AM 02-Aug-12	09:00 AM \$21.43 \$0.00 \$1.07 \$22.50
Aquafun Centre - Swimming Pool	Thu 02-Aug-12	03:30 PM 02-Aug-12	05:00 PM \$79.29 \$0.00 \$3.96 \$83.25

User: Marty

Contract #: 6975 User: Marty
 Date: 11-Jan-12 Status: Firm

Pool									
Aquafun Centre - Deep EndS	Fri	03-Aug-12	08:00 AM	03-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Fri	03-Aug-12	04:00 PM	03-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Tue	07-Aug-12	08:00 AM	07-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Tue	07-Aug-12	04:00 PM	07-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Wed	08-Aug-12	08:00 AM	08-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Wed	08-Aug-12	04:00 PM	08-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Thu	09-Aug-12	08:00 AM	09-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Thu	09-Aug-12	03:30 PM	09-Aug-12	05:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Fri	10-Aug-12	08:00 AM	10-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Fri	10-Aug-12	04:00 PM	10-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Mon	13-Aug-12	08:00 AM	13-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Mon	13-Aug-12	03:30 PM	13-Aug-12	05:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Tue	14-Aug-12	08:00 AM	14-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Tue	14-Aug-12	04:00 PM	14-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Wed	15-Aug-12	08:00 AM	15-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Wed	15-Aug-12	04:00 PM	15-Aug-12	05:30 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									
Aquafun Centre - Deep EndS	Thu	16-Aug-12	08:00 AM	16-Aug-12	09:00 AM	\$21.43	\$0.00	\$1.07	\$22.50
Aquafun Centre - Swimming	Thu	16-Aug-12	03:30 PM	16-Aug-12	05:00 PM	\$79.29	\$0.00	\$3.96	\$83.25
Pool									

iv) Additional Fees

v) Payment Method

Rental Fees	Extra Fees	Tax	Rental Total	Damage Deposit	Total Applied	Balance	Current
\$6,415.30	\$0.00	\$320.54	\$6,735.84	\$0.00	\$0.00	\$6,735.84	\$6,735.84

Balance of rental due and payable immediately

vi) Other Information



Rental Contract / Permit 2

Printed: 01-Feb-12, 11:36 AM
User: Marty

Contract #: 6963
Date: 05-Jan-12

User: Marty
Status: Firm

Parks and Recreation Department hereby grants VIPER'S SWIM CLUB (hereinafter called the "Licensee") represented by CARLA SAUNDERS, permission to use the Facilities as outlined, subject to the Terms and Conditions of this Agreement contained herein and attached hereto all of which form part of this Contract.

i) Purpose of Use Swim Club
2012 Swim Meet

ii) Conditions of Use

iii) Date and Times of Use # of Bookings 5 Starting: 2012 Jun 08 06:00 PM Expected 0
Ending: 2012 Jun 09 07:00 PM

Facility/Equipment	Day	Start Date	Start Time	End Date	End Time	Fee	XFee	Tax	Total
Aquafun Centre - Swimming Pool	Fri	08-Jun-12	06:00 PM	08-Jun-12	09:00 PM	\$150.57	\$0.00	\$7.93	\$166.50
Arena - Large Ice	Sat	09-Jun-12	06:30 AM	09-Jun-12	07:00 AM	\$0.00	\$0.00	\$0.00	\$0.00
Aquafun Centre - Swimming Pool	Sat	09-Jun-12	07:00 AM	09-Jun-12	06:45 PM	\$955.24	\$0.00	\$47.76	\$1,003.00
Arena - Large Ice	Sat	09-Jun-12	07:00 AM	09-Jun-12	07:00 PM	\$208.57	\$0.00	\$10.43	\$219.00
Community Centre - Green Room	Sat	09-Jun-12	11:00 AM	09-Jun-12	01:00 PM	\$34.76	\$0.00	\$1.74	\$36.50

iv) Additional Fees

v) Payment Method

Rental Fees	Extra Fees	Tax	Rental Total	Damage Deposit	Total Applied	Balance	Current
\$1,357.14	\$0.00	\$67.86	\$1,425.00	\$0.00	\$0.00	\$1,425.00	\$1,425.00

Balance of rental due and payable immediately

vi) Other Information

User: Marty

Contract #: 6963
Date: 05-Jan-12

User: Marty
Status: Firm

The undersigned has read and on behalf of the Licensee agrees to be bound by this Contract and the Terms and Conditions contained herein and attached hereto, and hereby warrants and represents that he/she executes this Contract on behalf of the Licensee and has sufficient power, authority and capacity to bind the Licensee with his/her signature. The Licensee agrees to inform all responsible officials associated with the organization of the Terms and Conditions in this Contract.

1. The Licensee agrees that the Town shall not be liable or responsible in any way for any loss, damage, or injury to any property belonging to the Licensee, or to any agent, employee, or invitee of the Licensee.
2. The Licensee agrees that the Town shall not be liable or responsible in any way for any personal injury or death that may be suffered or sustained by the Licensee, or any agent, employee, or invitee of the Licensee, or to any person that may enter into the rented areas.
3. The Licensee agrees to indemnify and save harmless the Town from any and all liabilities, fines, suits, claims, demands, and actions of any kind or nature which may be brought against the Town, its agents or employees, arising out of the within rental agreement.
4. The Licensee agrees to ensure that the above indemnification of the Town shall survive the termination of the within rental contract.
5. The Licensee agrees to ensure that the rented areas are left in a clean condition acceptable to the Town, and failure to do so will result in additional charges for clean-up performed by the Town. This includes the removal of all their decorations/supplies from the facility by the end of the rental.
6. The Licensee must abide by all local by-Laws as well as Provincial and federal laws, statutes, etc.
7. Alberta Gaming & Liquor Commission guidelines and Provincial Fire Code must be strictly complied with at all times.
8. The Licensee accepts full responsibility for replacement or repairs of any lost, stolen or damaged property of the facility or equipment which was caused during the term of the rental contract.
9. The Licensee is responsible to obtain and provide proof of it's own liability insurance for it's activities on the rented area and for having enough security appropriate for the function. A minimum of \$2 million of liability insurance must be purchased.
10. All rental times include set-up & clean-up times (not applicable for pool rentals)
11. Doors will be unlocked 15 minutes prior to the start of the rental.
12. Cancellations require 7 days notice prior to the rental start time, must be given by the licensee, to avoid cancellation fee.
13. Cancellation fee is 35% of the entire booking rental fees.
14. There is a \$10.00 service charge applied on all refunds requested. Refunds require 2 weeks for processing.
15. The Licensee agrees that the Town has the right to cancel any event without notice.

Recreation facility rental fees are subject to change, in accordance with the Town of Taber's fee policy.

X: _____

CARLA SAUNDERS

VIPER'S SWIM CLUB
PO BOX 4597
TABER AB T1G 2C9
Canada
Home: ()
Fax: (403)

Business: (403)223-1194

Date: _____

X: _____

Name: _____

Title: _____

Parks and Recreation Department

Date: _____

