

MUNICIPAL DISTRICT OF GREENVIEW No. 16

REGULAR COUNCIL MEETING AGENDA

Tues	day, June 13, 2017		cil Chambers tion Building
#1	CALL TO ORDER		
#2	ADOPTION OF AGENDA		1
#3	MINUTES	3.1 Regular Council Meeting minutes held May 23, 2017 – to be adopted.	3
		3.2 Business Arising from the Minutes	
#4	PUBLIC HEARING	4.1 Bylaw 17-781 Re-Designate from Agriculture (A) District Industrial (I) District	to 9
#5	DELEGATION		
#6	BYLAWS	6.1 Bylaw 17-781 Re-Designate from Agriculture (A) District Industrial (I) District	to 9
		6.2 Bylaw 17-782 Greenview Golf Area Structure Plan	90
		6.3 Bylaw 17-784 Schedule of Fees	114
#7	OLD BUSINESS		
#8	NEW BUSINESS	8.1 Forestry Trunk Road – Scope of Work Overview & Upda	te 137
		8.2 Twp. 672 Connector Road Additional Funds	152
		8.3 Tender Award Industrial Lagoon Construction	154
		8 4 Solid Waste Lahourer Position	165

8.5 EOI Contractor Cap Consideration	168
8.6 Tri-Municipal Industrial Partnership Update	171
8.7 Tri-Municipal Industrial Partnership Amended Terms of Reference and Boundary Revision	177
8.8 Geothermal Viability Investigation	187
8.9 Community Readiness Project Committee	202
8.10 Draft Strategic Plan	205
8.11 Town of Fox Creek – Top Priorities	227
8.12 2017 Event Calendar	232
8.13 Northern Alberta Development Council (NADC) Bursary Matching Funding Request	247
8.14 May 23 rd , 2017 – Grande Cache Physician Recruitment Motion	250
8.15 Managers' Report	253
 Ag for Life Municipal Sustainability Initiative & Gas Tax Funding Peace Library System's 2016 Annual Report TransCanada Update Alberta Recreation & Parks Annual Conference DeBolt Pioneer Centre – Aggregate Thank You Seniors Week BBO 	

Ratepayer Letter

#11 IN CAMERA

#12 ADJOURNMENT

COUNCILLORS

#10 CORRESPONDENCE

BUSINESS & REPORTS

#9

Minutes of a

REGULAR COUNCIL MEETING MUNICIPAL DISTRICT OF GREENVIEW NO. 16

M.D. Administration Building, Valleyview, Alberta, on Tuesday, May 23, 2017

1: CALL TO ORDER Reeve Dale Gervais called the meeting to order at 9:00 a.m.

PRESENT Reeve

Deputy Reeve Councillors Roxie Rutt Tom Burton Dave Hay Bill Smith Les Urness Dale Smith

Mike Haugen

Dale Gervais

Chief Administrative Officer

ATTENDING General Manager, Corporate Services

General Manager, Community Services
General Manager, Infrastructure & Planning
Municipal Intern
Communications Officer
Recording Secretary

Dennis Mueller Grant Gyurkovits Danie Lagemaat Diane Carter Lianne Kruger

Rosemary Offrey

ABSENT Councillor

George Delorme

#2: AGENDA MOTION: 17.05.198. Moved by: COUNCILLOR DAVE HAY

That Council adopt the May 23, 2017 Regular Council Agenda as amended.

• Administration requested that Council make a decision regarding Agenda Item 8.1 before Item 6.1.

CARRIED

#3.1 REGULAR COUNCIL MEETING MINUTES

MOTION: 17.05.199. Moved by: COUNCILLOR TOM BURTON

That Council adopt the Minutes of the Regular Council Meeting held on Tuesday,

May 9, 2017 as amended.

CARRIED

#3.2 BUSINESS ARISING FROM MINUTES

3.2 BUSINESS ARISING FROM MINUTES:

Reeve Dale Gervais requested the Geothermal Deep Dive discussions be on the June 13, 2017 regular council agenda.

M.D. of Greenview No. 16

Page 2

#4

PUBLIC HEARING

4.0 PUBLIC HEARING

There were no Public Hearings presented.

#5

DELEGATIONS

5.0 DELEGATIONS

5.1 211 ALBERTA INITIATIVE

211 ALBERTA INITIATIVE

MOTION: 17.05.200. Moved by: COUNCILLOR TOM BURTON

That Council accept the presentation from 211 Alberta Initiative for information,

as presented.

CARRIED

8.1 APPROACH APPLICATION/INSTALLATION PROCESS

APPROACH APPLICATION/ INSTATLLATION PROCESS

MOTION: 17.05.201. Moved by: COUNCILLOR TOM BURTON

That Council accept the Approach Application and Installation Process with the modification of \$2000.00 fixed rate for gravelled approach, \$5000.00 fixed rate for paved approach and a \$175.00 non-refundable application fee, to be

constructed by contractor or Day Labour forces.

CARRIED

5.2 REYNOLDS MIRTH RICHARDS FARMER LLP PRESENTATION

REYNOLDS MIRTH RICHARDS FARMER LLP PRESENTATION MOTION: 17.05.202. Moved by: COUNCILLOR DALE SMITH

That Council accept the presentation from Reynolds Mirth Richards Farmer LLP

for information, as presented.

CARRIED

#6 BYLAWS 6.1 BYLAW 12-673 REVISED SCHEDULE OF FEE'S

BYLAW 12-673 REVISED SCHEDULE OF FEE'S

MOTION: 17.05.203. Moved by: COUNCILLOR TOM BURTON

That Council table the revised 2017 Schedule of Fees Bylaw 12-673 until the June

13, 2017 Council Meeting.

CARRIED

#/
OLD BUSINESS

7.0 OLD BUSINESS

There was no Old Business presented.

Page 3

#8 **NEW BUSINESS**

8.0 NEW BUSINESS

8.2 2017 QUARTER BUDGET TO ACTUAL REPORT

2017 QUARTER **BUDGET TO ACTUAL REPORT** MOTION: 17.05.204. Moved by: COUNCILLOR DALE SMITH

That Council accept the 2017 First Quarter Budget to Actual Financial Report as

information.

CARRIED

8.3 DISPOSAL OF SURPLUS DIGITAL COMMUNICATION TOOLS

DISPOSAL OF SURPLUS DIGITAL COMMUNICATION **TOOLS**

MOTION: 17.05.205. Moved by: DEPUTY REEVE ROXIE RUTT

That Council approve the disposal of used digital communications tools as per the attached list and authorize Administration to publicly advertise and make available the list of used digital communications tools for donation to non-profit

organizations until June 9, 2017.

CARRIED

STAFF PURCHASE OF USED DIGITAL COMMUNICATION

MOTION: 17.05.206. Moved by: COUNCILLOR DAVE HAY

That Council authorize Administration to provide an opportunity to Council members and Greenview staff to purchase any used digital communication tools available after June 23, 2017 at \$100.00 per item with any remaining surplus

being disposed of after June 30, 2017.

CARRIED

8.4 GRANDE CACHE PHYSICIAN RECRUITMENT

GRANDE CACHE PHYSICIAN RECRUITMENT

MOTION: 17.05.207. Moved by: REEVE DALE GERVAIS

That Council accept for information the correspondence dated April 27, 2017 from Dr. John Gillett physician representative Grande Cache Medical Centre.

IN CAMERA

MOTION: 17.05.208. Moved by: REEVE DALE GERVAIS

That the meeting go to In-Camera, at 2:20 p.m., pursuant to Section 197 of the Municipal Government Act, 2000, Chapter M-26 and amendments thereto, and Division 2 of Part 1 of the Freedom of Information and Protection of Privacy Act, Revised Statutes of Alberta 2000, Chapter F-25 and amendments thereto, to

discuss Privileged Information with regards to the In Camera.

CARRIED

May 23, 2017

Page 4

OUT OF CAMERA

MOTION: 17.05.209. Moved by: COUNCILLOR TOM BURTON

That, in compliance with Section 197(2) of the Municipal Government Act, this

meeting come Out of Camera at 2:33 p.m.

CARRIED

GRANDE CACHE PHYSICIAN RECRUITMENT

MOTION: 17.05.210. Moved by: DEPUTY REEVE ROXIE RUTT

That Council direct Administration to reply to Dr. Gillett that Greenview will

consider incentives on a case by case basis.

CARRIED

672 CONNECTOR ROAD PROJECT MOTION: 17.05.211. Moved by: REEVE DALE GERVAIS

That Council direct Administration to continue using Day Labour for the 672 Connector Road project against Administration's recommendation and concerns regarding the project and its relationship to the New West Partnership Trade

Agreement.

CARRIED

#9
COUNCILLORS
BUSINESS &
REPORTS

9.1 COUNCILLORS' BUSINESS & REPORTS

9.2 MEMBERS' REPORT: Council provided an update on activities and events

attended, including the following:

WARD 8 COUNCILLOR BILL SMITH updated Council on his recent activities, which include:

Municipal Planning Commission Meeting

Grovedale Cemetery Meeting

WARD 6 COUNCILLOR TOM BURTON updated Council on his recent activities, which

include:

Municipal Planning Commission Meeting

Water North Coalition Meeting

East Smoky Recreation Board Meeting Nitehawk Recreation Area Meeting

ward 5 COUNCILLOR DALE SMITH updated Council on his recent activities,

which include:

Draft Land Use Bylaw Review Greenview's All Staff Day Peace Region Petroleum Show WARD 7

DEPUTY REEVE ROXIE RUTT updated Council on her recent activities, which

include:

Grande Prairie Public Library Meeting Municipal Planning Commission Meeting

DeBolt Seniors Meeting

Peace Regional Archives Meeting

Peace Library Systems Annual General Meeting and Regular Meeting

Peace Regional Archives Interviews

WARD 4

COUNCILLOR DAVE HAY updated Council on his recent activities, which include:

Valleyview Recreation Board Meeting

Municipal Planning Commission Meeting

FCSS Regional Meeting

Heart River Housing Policy Review Meeting

MOTION: 17.05.212. Moved by: COUNCILLOR DAVE HAY

That Council direct Administration to investigate the icing problems at all

Greenview Water Points.

CARRIED

WARD 3

COUNCILLOR LES URNESS updated Council on his recent activities, which

include:

Municipal Planning Commission Meeting

Area Base Regulation Advisory Council Meeting

Greenview Regional Waste Management Commission Meeting

WARD 1

COUNCILLOR GEORGE DELORME

Was not in attendance.

REEVE'S REPORT

9.1 REEVE'S REPORT:

WARD 2

REEVE DALE GERVAIS updated Council on his recent activities, which include:

Municipal Planning Commission Meeting

Evergreen Foundation Meeting via Teleconference

Fox Creek Library Board Meeting

Greenview Audit Committee Meeting

Greenview Regional Multiplex Tour

Met with DevCo and Andre Corbould, Deputy Minister of Environment and Parks

Secure Energy Breakfast

Peace Region Petroleum Show

#10 CORRESPONDENCE

10.0 CORRESPONDENCE

MOTION: 17.05.213. Moved by: COUNCILLOR LES URNESS

That Council accept the correspondence for information, as presented.

CARRIED

#11 IN CAMERA

11.0 IN CAMERA

There were no In Camera Items present on the agenda.

12.0 ADJOURNMENT

#12 ADJOURNMENT MOTION: 17.05.214. Moved by: DEPUTY REEVE ROXIE RUTT

That this meeting adjourn at 3:26 p.m.

CARRIED

CHIEF ADMINISTRATIVE OFFICER

REEVE



REQUEST FOR DECISION

SUBJECT: Bylaw No. 17-781 / A17-001 / SE-17-66-21-W5

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: SAR DEPARTMENT: PLANNING & DEVELOPMENT GM: GG PRESENTER: LD

RELEVANT LEGISLATION:

Provincial – Municipal Government Act, s. 230 and s. 692(1)-(9)

Council Bylaw/Policy – Municipal Development Plan 15-742, s. 2.5.2(b), s. 3.3.2 and s. 3.5.2, s. 6.3.1, s. 6.3.2, s. 6.3.3 and s. 10.3.1; and Land Use Bylaw 03-396, s. 11.5.1

RECOMMENDED ACTION:

MOTION: That Council give Second Reading to Bylaw No. 17-781, to re-designate a 1.44 hectare ± (3.56 acre) parcel from Agriculture (A) District to Industrial (I) District within SE-17-66-21-W5.

MOTION: That Council Table Third Reading to Bylaw No. 17-781, to re-designate a 1.44 hectare ± (3.56 acre) parcel from Agriculture (A) District to Industrial (I) District within SE-17-66-21-W5, pending receipt of a Hydrological Assessment demonstrating that groundwater will not be negatively affected.

BACKGROUND/PROPOSAL:

The application for Land Use Amendment A17-001 has been submitted by Dragos Energy Corp. ('Dragos') to re-designate a 1.44 hectare ± (3.56 acre) area from Agriculture (A) District to Industrial (I) District within SE-17-66-21-W5, in the Little Smoky Area, Ward 2. The proposed area is currently a well site lease on a titled quarter zoned Agriculture (A) District. Future subdivision of the lease is not proposed.

The proposed rezoning would allow for the development of a tank farm with deep disposal well on the leased site. The existing vertical non-producing well located on site at 2800 meter below the surface would be converted to an injection well for Class II produced water, subject to approval and conditions of Alberta Energy and Parks and Alberta Energy Regulator. A tank farm consisting of (4) – 750 gallon barrel tanks with 100 HP injection pump and containment fence would also be located on site.

An existing approach from Township Road 662 provides access to the lease and Dragos has applied to install a second approach to the site. Both the existing and proposed approach would need to meet Greenview's industrial standards. Referral comments were received from Greenview's Manager, Construction and Maintenance requiring road widening of 5.03 meters on Township Road 662 and Range Road 245, to allow the applicant to upgrade the local road from the lease to Highway 43, an approximate distance of 1.2 km. At the development permit stage, a design plan for the local road and the development site would need to be

submitted to Greenview for approval before any development occurred. This is in accordance with Greenview's standards.

At the initial referral stage Alberta Transportation had no concerns regarding the proposal but requested a Traffic Impact Assessment (TIA) be prepared to assess the impact of development on the local road network and Provincial Highway 43. Approval of the attached TIA prepared by Dragos was received from Alberta Transportation. ATCO Electric, East Smoky Gas Co-op Ltd. and Greenview's Environmental Services have no concerns with the application.

The application was circulated to landowners within 800 metres of the proposed development for comment and the Public Hearing advertised pursuant to legislation. An adjacent landowner and six community members either phoned or emailed their objections to the rezoning (Schedule 'E'). Concerns raised were increased traffic and safety, unfavorable effect on the environment and wildlife habitat, and negative long term effects on ground water, water tables and water wells. Dragos was advised of these concerns and their letter responding to the concerns is attached as Schedule 'I'.

Administration has reviewed the land use amendment application and the proposal meets the requirements of the Municipal Government Act and Municipal Development Plan. Administration is satisfied that the proposal addresses all requirements for re-designation and subsequent development, and is recommending that the application be given Second Reading. A Hydrological Assessment demonstrating that groundwater will not be negatively affected by the proposed development will be requested prior to Third Reading.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that rezoning would allow for an increase in industrial opportunities available in Greenview.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. The disadvantages of the recommended action is that industrial development may conflict with adjacent land uses and increase traffic on the local road.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to deny the request completely and not allow the rezoning. The proposed zoning is contemplated within the existing legislation and does not, in and of itself, represent an issue from Administration's perspective.

FINANCIAL IMPLICATION:

The Land Use Amendment application fees of \$800.00 have been paid by the landowner for the rezoning application only.

There are no other financial implications to the recommended action.

STAFFING IMPLICATION:

Staff functions associated with the recommended motion are part of Staff's normal anticipated duties.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

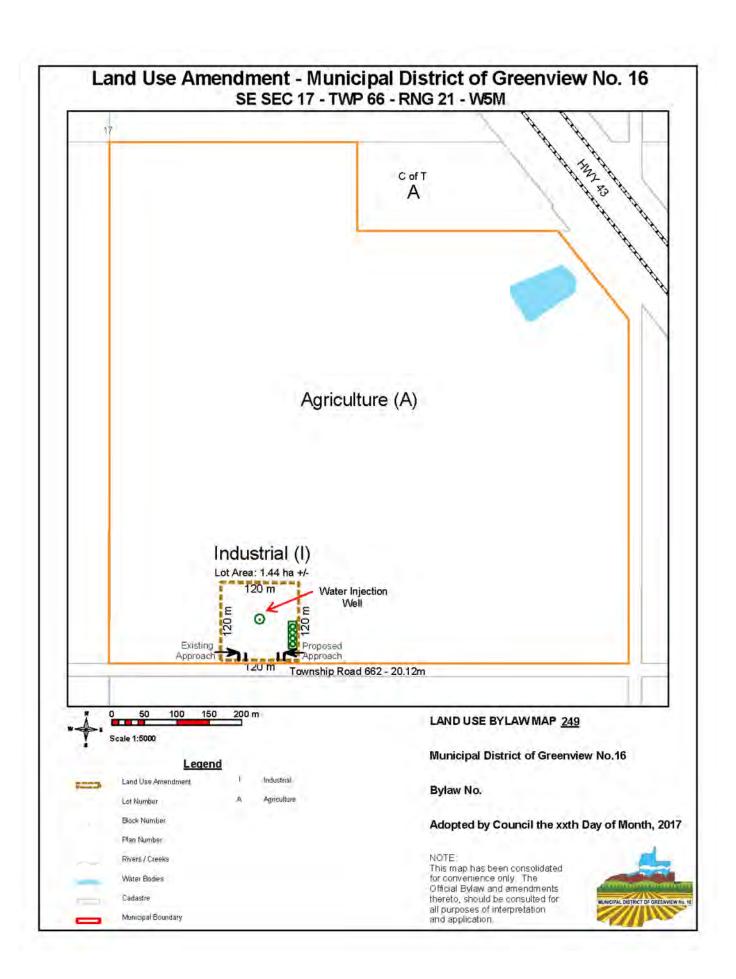
Administration will notify the landowner of the Council decision.

ATTACHMENT(S):

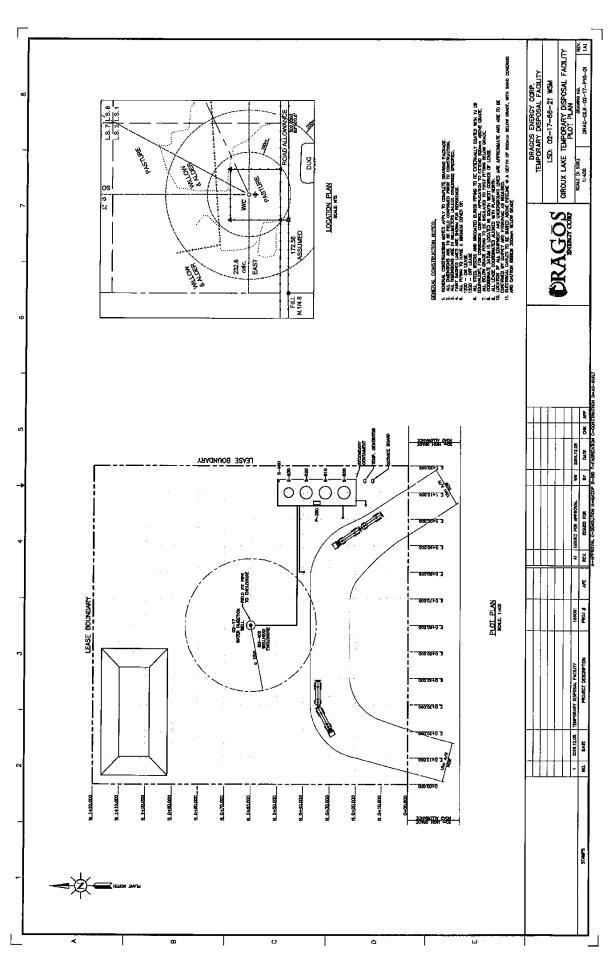
- Schedule 'A' Application and Sketch
- Schedule 'B' Owner Location Map
- Schedule 'C' Farmland Report and Map
- Schedule 'D' Traffic Impact Assessment Report
- Schedule 'E' Adjacent Landowner Responses
- Schedule 'F' Municipal Government Act, s. 230 When to Hold a Public Hearing and s. 692(1)-(9) Planning Bylaws
- Schedule 'G' Municipal Development Plan 15-742, s. 2.5.2(b) Protection of Water, s. 3.3.2 and s. 3.5.2 Non-Agricultural Uses, s. 6.3.1 Industrial Uses, s. 6.3.2 Location of Development, s. 6.3.3 Evaluation of Industrial Development Proposals and s. 10.3.1 Evaluation of Applications
- Schedule 'H' Land Use Bylaw 03-396, s. 11.5.1 Industrial (I) District
- Schedule 'I' Dragos Letter
- Schedule 'J' Bylaw 17-781

Schedule 'A' – Application and Sketch

2,1112	SE AMENDMENT APPLICATION - FO	FOR ADMINISTRATIVE USE LUB MAP NO. BYLAW NO.
Contraction of the Property	Municipal District of Greenview	APPLICATION NO.
T 780.52	- 36 Avenue, Box 1079, Valleyview AB T0H 31 24.7600 F 780.524.4307 Toll Free 1.866.524.	7608 RECEIPT NO. 225235
TA KALIF	www.mdgreenview.ab.ca	ROLL NO. 1/7542
		RFLA RATING 15 +/-
NAME OF APPLICANTIS) Dragos Energy Cor	NAME OF REGISTERED LA	Complete if Different from Applicant
land description of the later to		CT 160 211 00-
Legal description of the land affected QTR./JS. SEC JWP.	RG. M. OR REGISTRATION I	OF. T. 102 241 992 PLAN NO. BLOCK LOT
2 17 66	21 3	23,000 11 223,000 11 23,000 11
Land Use Classification for Amendment		Well Earch Jan 24/17.
FROM: Agricultural	To: Indust	rial.
Reasons Supporting Proposed Amendment		
Considering developing	g site to accept addition	.11.11
Olis 00521. Physical Characteristics: Describe Topography: Water Services: Vietna Services:		Soil: Topsoil Removed
Existing Source: None Sewage Services:	Proposed Water Source	None. (Trucked In)
Existing Disposal: None	Proposed Disposal:	None,
pproach(s) Information:		
Existing: One	Proposed: Two	0.
1/ We have enclosed the required Appl	lication Fee of \$ 800.00.	
Date: Dec 21, 2016	Applicant(s) D. A.	11
	Dave Schooley	V2 Operations & coo
Date: DEC 21, 2016	Registered Landowner(s): RICL	WAS RITTE
	The state of the s	AL
	NOTE: Registered Landowner(s) Signatures	
*	registeren rangomier(2) aiRugtate21	
Any personal Information that the Municipal	District of Greenview may collect on this form is in com	unliance with Section 32 of the Excedence
the Municipality, in particular for the purpose	District of Greenview may collect on this form is in com information collected is required for the purpose of car e of our Development program. If you have any questio formation and Protection of Privacy Coordinator at 780	rrying out an operating program or activity of







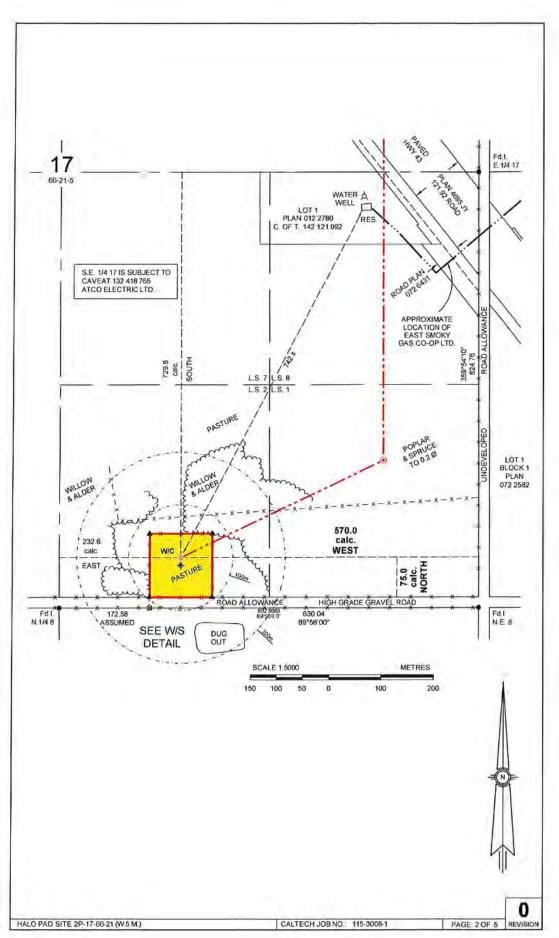
PLAN SHOWING SURVEY OF PAD SITE

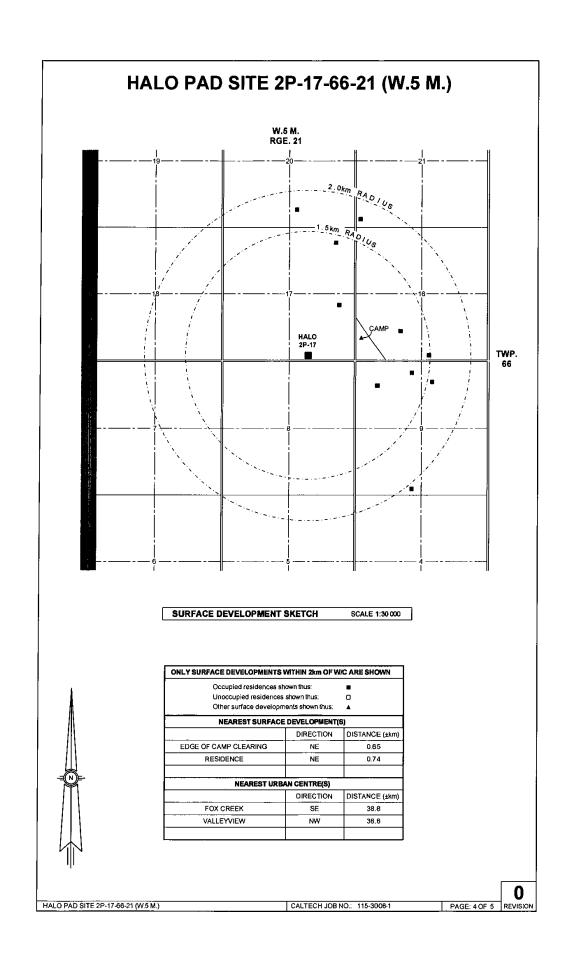
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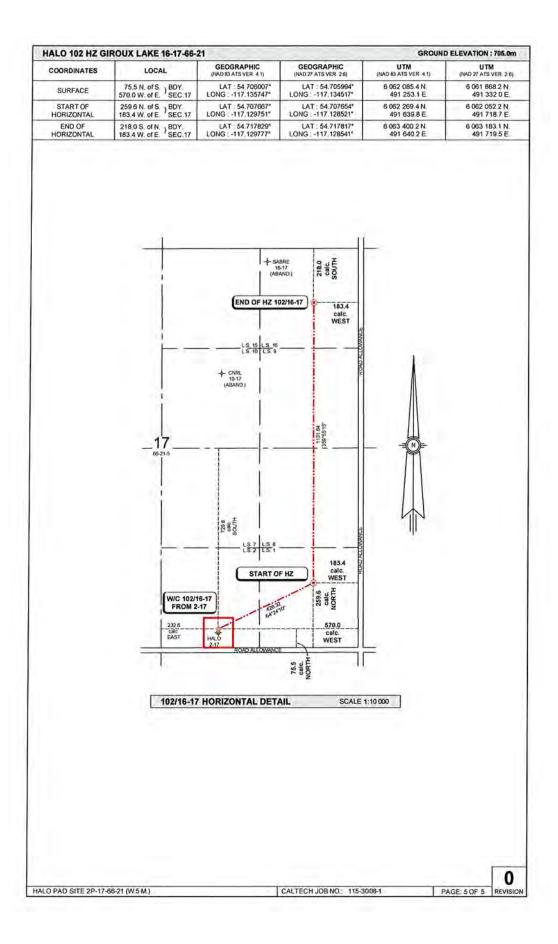
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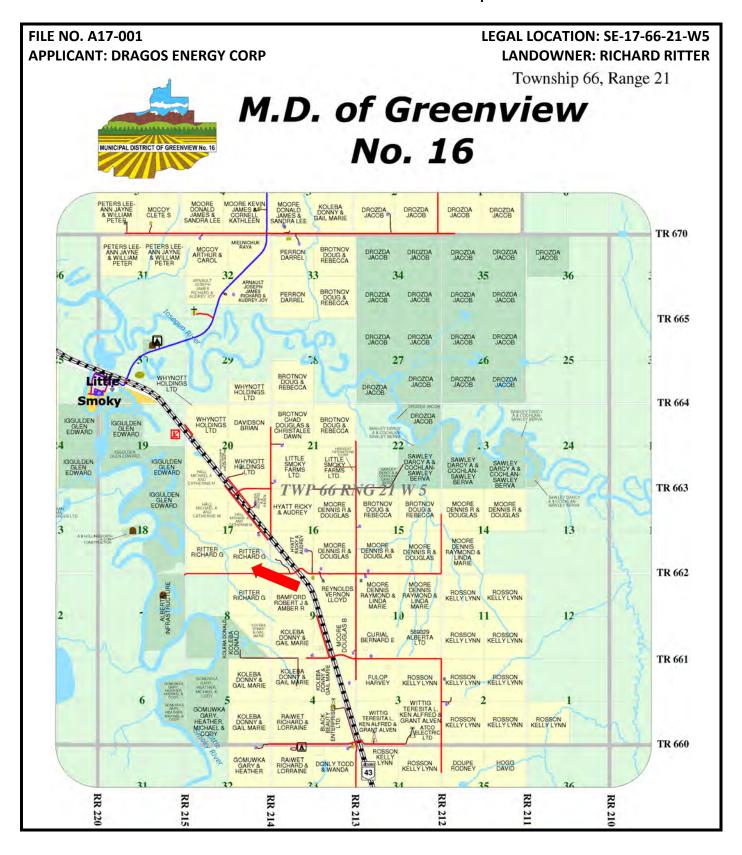
L.S.2 SEC.17 TWP.66 RGE.21 W.5M.

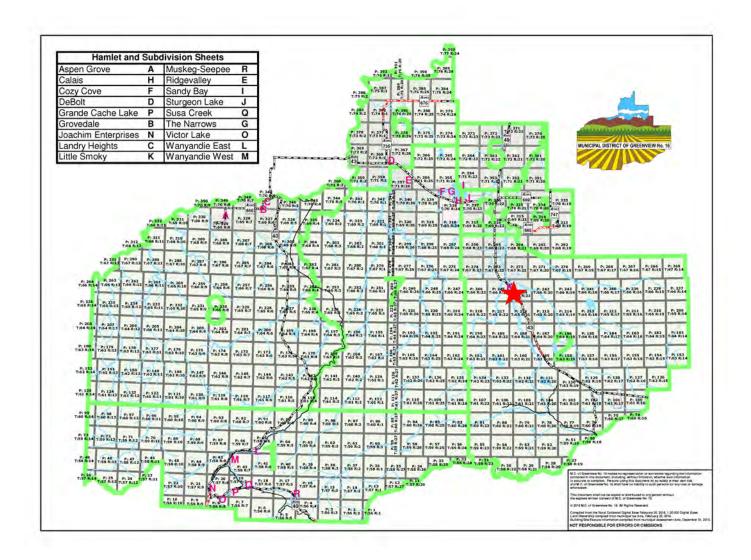
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					NON					
LANDOWNER SE 1/4	SEC.17 T	WP.66 RGE.2	21 W,5 M.		ALBERTA	LAND SUI	RVEYOR	'S CERTIF	CATION	
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Owner Owner AER LICE The proposed well: Is at least 5.0km from a lighted airstrip/aero is at least 1.6 km of an unlighted airstrip/aero is at least 1.6 km of an unlighted airstrip/aero is at least 100m from any surface improvem at least 40m from any surveyed road is at least 1.5km from the nearest surface of (Camp & Residences) Is at least 200m from any water well is at least 200m from any water well is located outside any potential coal develop	NCING drome rodrome hents fan urban comment area	TITLE No. 10	Owner Witness YES NO	Pro	a, cedify that the field confect to the bis ordance with the Ali al of Standard with t	discrey represent to firmy knowledge, certa Land Surveyore, and was performed and surveyore, and was performed and surveyore. The signed a surveyor	ed by this gain it was cared our six Association med 1015 07 01 Witness EGEND IS. In thus: Is.	P CAA SURV.	162 LTECH EYS LTD A A B B	O PLANT
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Schedule 'C' – Farmland Report and Map

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		Soil Group		72 MS			50	20%	0.0	0.0				
		Improved		10 10 A	c/AU		50	100%	35.0	0.0				
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									35.0	0.0				
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Schedule 'D' - Traffic Impact Assessment

A Traffic Impact Assessment (TIA) Report

For

DRAGOS ENERGY CORP. DISPOSAL FACILITY

MD of Greenview No. 16, Alberta

Prepared for

DRAGOS ENERGY CORPORATION

April 21, 2017





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1.0 INTRODUCTION

1.1 General

Dragos Energy Corporation retained EASL Transportation Consultants, Inc. to undertake a traffic impact assessment (TIA) in support of the proposed Dragos Disposal Facility to be located in the Municipal District (MD) of Greenview No. 16, Alberta. The proposed project is to be located within the L.S.2 SEC. 17 TWP. 66 RGE, 21 W. 5M in the MD of Greenview. This traffic impact assessment is being prepared to assess potential transportation impacts of the proposed development and to satisfy the MD of Greenview No. 16 and Alberta Transportation requirements for such a study as a result of the proposed development.

Figure 1a presents a site map that shows the general location of the proposed development, and Figure 1b presents a local context aerial map.

1.2 Planned Development

The proposed development will consist of 1.440 hectares (3.56 Acres) and will include waste water storage tanks. The number of expected upon opening of the facility will be 15 trucks per day. However, with the final expanding of the facility in the future, the maximum number of trucks per day would be 30-35 trucks. The proposed development site plan is included in Appendix A of this report.

1.3 Purpose of Study

The primary purposes of this traffic impact assessment study are:

- To evaluate the traffic operations and levels of service (LOS) at the following intersection (please refer to Figure 1):
 - Highway 43 and Township Road 662 Intersection;
- To evaluate any potential project traffic impacts of the proposed development to the surrounding roadway network, and to determine if the roadways, site access and traffic circulations in the project vicinities would be suitable for the intended development and the amount of development traffic volumes anticipated.
- To identify suitable intersection control and geometric configurations that would be required to properly service the proposed development including conducting a signal warrant analyses for Highway 43 and Township Road 662 Intersection, as needed.



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 Also to identify any needed short-term and long-term roadway improvements in the areas to enable acceptable traffic operations that would satisfy the MD of Greenview's requirements.

1.4 Methodologies

This traffic impact assessment utilizes the following evaluation methodologies:

- Data collection including but not limited to existing roadway and intersection geometric characteristic, pavement markings, traffic control types, and intersection turning movement traffic counts.
- The forecast of background peak hour traffic volumes without the site traffic for the 20 year horizon (2037).
- Trip generation estimate for the proposed development based on appropriate Trip
 Generation land use categories and corresponding trip generation rates by the Institute
 of Transportation Engineers (ITE).
- Distribution of the site generated trips to/from the development site based on population, land uses, roadway network, and existing traffic patterns in the project vicinities
- Assignment of the project trips to the adjacent roadways based on the proposed project site plan and the estimated roadway trip distribution characteristics.
- Existing, background, and future traffic capacity analysis for the study area
 intersections and roadways to identify possible capacity constraints and to assess
 overall traffic impacts of the proposed development, which is based on the latest
 Highway Capacity Manual (HCM) methodologies by the Transportation Research
 Board, the US National Academies of Sciences, Engineering and Medicine.

2.0 EXISTING CONDITIONS

2.1 Area Road Network

There are two roadways providing primary accesses to the site as described below. These are Highway 43 and Township Road 662. A brief description of each of the roadways follows.

Highway 43 is a four-lane, two-way provincial highway that runs in the northwest/southeast directions in the vicinity of the proposed development. Highway 43 is a major highway that provides connectivity between Grande Prairie and Edmonton via Highway 16 to the west of Edmonton. It also connects with Highway 2 and Highway 40 in the vicinity of Grande Prairie. The speed limit of Highway 43 in the vicinity of the proposed development is posted at 110 Km/hr.

Township Road 662 is a two-lane, two-way unpaved roadway that runs in the east/west directions in the vicinity of the development site. The speed limit of Township Road 662 is not posted but the prima facie speed is 50 Km/hr.

The intersection of Highway 43 and Township Road 662 is an unsignalized intersection with stop-control signs on Township Road 662 east/west approaches and a free flow operation on Highway 43 approaches. Township Road 662 has one shared left/through/right lane on each approach and Highway 43 has 2 through only lanes, a left-turn only taper and a right-turn only taper on each approach.

2.2 Historical Roadway Traffic Volumes

The most current information on the historical weekday Average Annual Daily Traffic Volumes along Highway 43 was obtained from Alberta Transportation (AT) Traffic Count Database. The last 9 year data from 2008 to 2016 is presented in **Table 1** below.

Table 1: Traffic Volume History 2008 - 2016 AADT and ASDT*

Roadway Link	2008	2009	2010	2011	2012	2013	2014	2015	2016	2016 ASDT
Highway 43 (South of Little Smoky Road)	5120	4800	5040	5360	5740	5880	6200	5920	5310	5670

^{*} ASDT: Average Summer Daily Traffic

A review of Table 1 indicates that traffic volumes along Highway 43 fluctuated up and down during the period from 2008 to 2016 with a general increasing pattern. The overall average annual growth of traffic between year 2008 and year 2016 has been calculated and determined to be 0.41% per year.

2.3 Existing Traffic Volumes and Conditions

A field reconnaissance of the site and its surroundings was conducted to establish a database of the existing conditions. The peak period for the proposed Disposal Facility Development would typically occur during the weekday morning and the late afternoon periods.

Turning movement traffic count data was collected on Tuesday April 11, 2017 from 7:00 AM to 9:00 AM and from 4:00 PM to 6:00 PM for the a.m. and p.m. peak periods respectively at the following study intersection:

Highway 43 and Township Road 662 Intersection.

The existing AM and PM peak-hour traffic volumes for the above intersection are illustrated on Figure 2. Details of the collected traffic count data for the study intersection are contained in Appendix B.

2.4 Existing Heavy Vehicle Composition

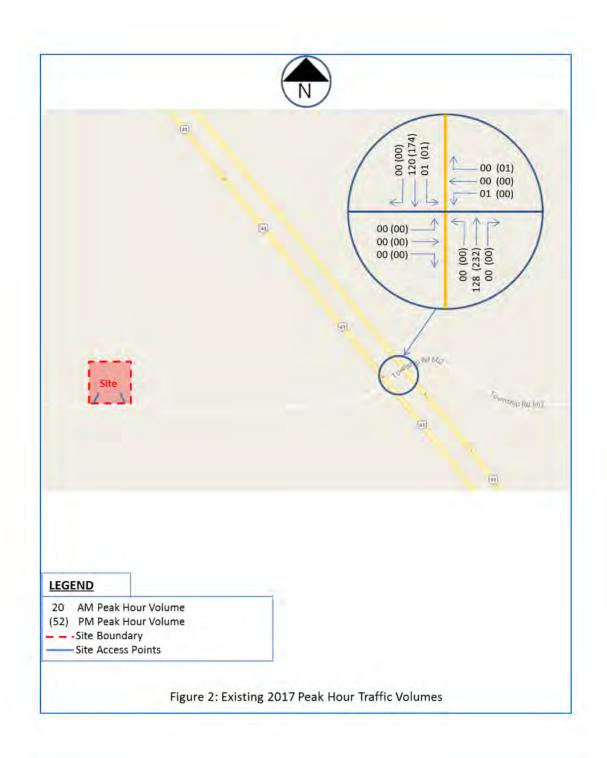
The AM peak hour and PM peak hour heavy vehicle compositions were determined from the intersection turning movement traffic count performed at the study intersection and are presented in Table 2. Note that the sum of Single Unit Trucks and the Tractor Trailer Unit were considered to represent heavy vehicle traffic and their percentages are presented in the below table.

Table 2: Adjacent Highway Heavy Vehicle Composition (in %)

		2016 Traffic	Count Data	
Description	Highv	vay 43	Township	Road 662
Description	N. of Twp Rd 662	N. of Twp Rd 662	E. of Highway 43	E. of Highway 43
AM Peak Hour	35%	35%	0%	0%
PM Peak Hour	38%	23%	0%	0%

A review of **Table 2** indicates that Highway 43 carries relatively large amounts of heavy vehicle traffic. However, Township Road 662 does not carry any heavy vehicle traffic. Based on the above results, the capacity analysis for the study intersection utilized the 2017 observed heavy vehicle percentages as noted in Table 2. Noting that for the approaches where the observed percentage was 0% a heavy vehicle percentage of 2% was utilized in the existing capacity analysis software for that approach.

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2.5 Planned Roadway Improvements

The MD of Greenview No. 16 has been contacted in order to find out if there are any plans for any roadway improvements within the study area in the near future. MD of Greenview development planning staff confirmed there are no plans available at this time for any improvements within the project's study area.

3.0 PROJECTED TRAFFIC VOLUMES

3.1 Trip Generation for Known Background Developments

Background traffic takes into account additional traffic on the roadway systems that will be generated by approved developments in the area that may be completed by the time of the site build-out. The current project is projected to be built-out in the near term. Based on EASL Transportation Consultants' discussion with the MD of Greenview No. 16, the following developments in the vicinity of the project site are being developed:

Known Background Developments West of Highway 43:

- Alberta Infrastructure's gravel pits to the west of the proposed site on SW 8 and E ½ 01-7-66-21-W5;
- Three farmland quarters on S ½ 17 and NE 8-66-21-W5. The (3) quarters of agriculture land consist of total 490 acres +/-, approximately 190 is cultivated and the remaining 290 is either treed or land with a low agricultural rating. The third agriculture quarter with a yard site, is mostly treed.
- 3. A residential quarter on NW 9-66-21-W5;
- McTaves Camp & Catering, an Outdoor Equipment and Storage Yard and Caretaker Residence SW-16-66-21-W5 (Plan 072 2582 Block Lot 1).

Known Background Developments East of Highway 43:

- 5. A total of 16 farmed agricultural quarter sections, four of which are a grazing lease.
- 6. There are 8 residences, four of which are on small approximate 10 acre parcels.
- One subdivision has been approved for a major home occupation: Kenor Kustom Kutting. When acquired in 2013, the application indicated that traffic generated would be 6 – 10 trips weekly.

To estimate the number of vehicle trips expected to be generated by a particular development, trip generation rates are applied based on the proposed land uses and intensity. The number of trips that would be generated by the above development was estimated based on the rates published in Trip Generation, 9th Edition by the Institute of Transportation Engineers (ITE). However, ITE does not provide trip generation rates for a Gravel Pit, therefore, the rates were obtained from the "Morgan Family, LLC Gravel Pit" TIA report prepared on February 2008. The referenced pages from that report are contained in Appendix C. Similarly, ITE does not provide trip generation rates for farmland agricultural land uses. Therefore, a daily rate of 0.5 trips per acre was assumed based on our experience and engineering judgment. The trip generation rates along with the proposed land uses and the corresponding ITE land codes are presented in Table 3. The projected Known Background Development peak-hours and daily generated traffic volumes are presented in Table 4.

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Table 3: Trip Generation Rates

La Contraction	ITE	44-7	An	l Peak H	lour	PN	l Peak	Hour	Daily
Land Use	Code	Unit	in	out	total	in	out	total	Trips
Gravel Pit	NA	1000 CY*	50%	50%	8% of Daily Trips	50%	50%	6% of Daily Trips	1.08
Agricultural	NA	# of Acres	50%	50%	8% of Daily Trips	50%	50%	6% of Daily Trips	0.5/Acre
Single Family Homes	210	DU	25%	75%	0.75	63%	37%	1.00	9.52

^{*} CY: Cubic Yards of Material Extracted Annually

Table 4: Known Background Developments' Peak-Hour and Daily Traffic Volumes

		AN	Peak I	Hour	PM	Peak F	lour	Daily
	Land Use / Density	in	out	total	in	out	total	Trips
	Known Background De	velopn	nents W	est of H	ighway	43		
1	Alberta Infrastructure's gravel pits on SW 8 and E ½ 01-7-66-21-W5 (Assumed 200,000 CY Annually)	9	9	18	7	6	13	216
2	Three farmland quarters on S ½ 17 and NE 8-66-21-W5 (Density = 490 Acres)	10	10	20	8	7	15	245
3	One residential quarter on NW 9- 66-21-W5 (Based on ITE 210)	0	1	1	1	0	1	10
4	McTaves Camp & Catering Outdoor Equipment and Storage (Owner provided trip estimates)	10	10	20	10	10	20	100
-	Total Trips West of Highway 43	29	30	59	26	23	49	571
i La	Known Background De	velopr	nents E	ast of H	ighway	43		
5	A total of 16 farmed agricultural quarter sections (2,560 Acres)	51	51	102	38	39	77	1,280
6	8 residences; (Based on ITE 210)	2	4	6	5	3	8	76
7	Major home occupation. (6 to 10 trips weekly per MD of Greenview)	1	1	2	1	1	2	6
	Total Trips East of Highway 43	54	56	110	44	43	87	1,362

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Known Background Developments Trip Distribution

The directional distribution of new background developments trips were estimated based on the directional distributions are as follows:

- 47% of the generated trips will travel to and from the north on Highway 43;
- · 47% of the generated trips will travel to and from the south on Highway 43; and
- . 06% of the generated trips will travel to and from the east/west on Township Road 662.

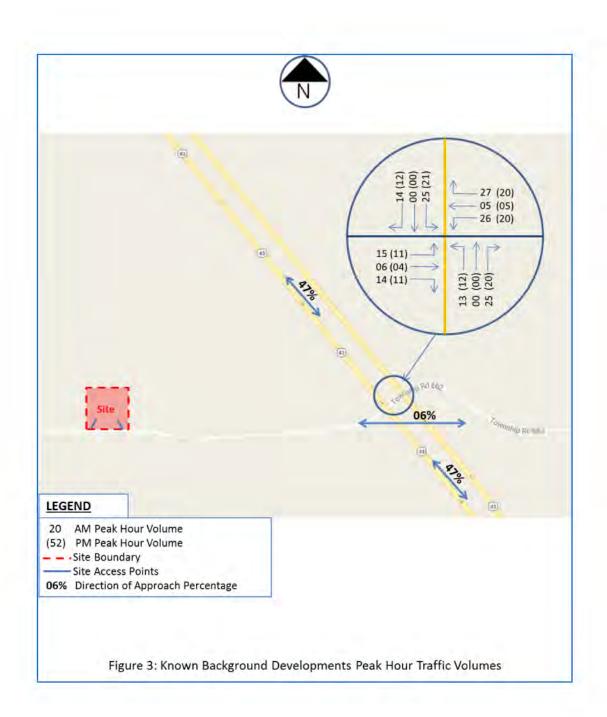
The known background development distribution percentages were determined based on the above directional distributions coupled with the ability of traffic to perform the needed turns. Figure 3 presents the peak hour traffic volumes generated from the above mentioned known background developments. Note that Figure 3 also presents the directional distribution.

3.2 Historical Traffic Growth Rate

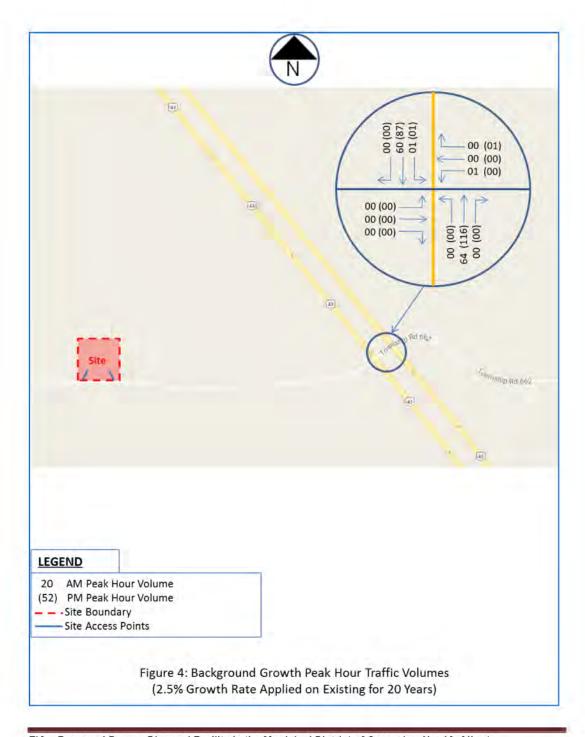
To account for inherited growth in traffic and those traffic generated by other unknown developments that may occur at the build-out of the proposed project, a traffic growth factor was applied to the existing traffic volumes to forecast the future traffic conditions. A 2.5% annual growth rate was used to estimate traffic growth for the 20 year horizon, which was applied to the 2017 existing traffic volumes to derive the 2037 background growth traffic volumes for future development impact analyses. Note that the 2.5% annual growth rate is in accordance with Alberta Transportation and the MD of Greenview acceptable long range growth standards. The resulted background traffic growth peak hour traffic volumes are presented on Figure 4.

3.3 Total Background Traffic

The known background developments traffic presented on Figure 3 and the traffic growth due to unknown developments presented on Figure 4 were added to the existing 2017peak hour traffic volumes shown on Figure 2, creating the 2037 total background traffic scenario as illustrated on Figure 5.



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3.4 Site Generated Trips

To estimate the number of vehicle trips expected to be generated by a particular development, trip generation rates are applied based on the proposed land uses and intensity. The number of trips that would usually be generated by a proposed development would be estimated based on the rates published in *Trip Generation*, 9th Edition by the Institute of Transportation Engineers (ITE). However, due to the unique feature of the proposed development, ITE trip generation manual does not contain rates for such land use. Therefore, it was important to obtain the expected traffic generation from the developer.

Consultation with the developer indicated that upon opening of the facility, they expect 15 trucks per day to enter and exit the facility. Also under future conditions the facility will expand and the maximum number of trucks entering/exiting the site would reach 30 to 35 trucks per day. The developer further indicated that the trucks will be distributed evenly throughout the 12 hour day as possible - once a truck enters the site it usually requires 45 minutes to unload and then leaves. Therefore, the projected hourly truck traffic would be 3 entering and 3 exiting trucks per hour. In addition to the above trips there will be 1 to 2 pickup trucks trips per day for the operators. To be conservative, the 2 trips were assumed to occur during the AM and PM peak hours. The projected development peak-hours and daily site-generated traffic volumes are presented in Table 5. The Pass-by and internal capture trip generation are discussed in the following subsections.

Table 5: Projected Site-Generated Peak-Hour and Daily Traffic Volumes

		ITE	Density	AN	l Peak l	Hour	PN	l Peak	Hour	Daily
Lan	d Use	Code		in	out	total	in	out	total	Trips
Dragos Facility	Disposal	N/A	N/A	5	3	8	3	5	8	78
	Net Nev	v Trips		5	3	8	3	5	8	78

3.4.1 Pass-by Trips

Pass-by trips are not new trips but they are the trips that are attracted from the traffic passing the site on adjacent roadways. While pass-by trips are new trips at the access points to the site, they are not new trips on the adjacent roadway systems. Since the proposed development will include a disposal facility, no pass-by trips are expected for such development. Therefore, no reduction for pass-by trips considered.

3.4.2 Internal Trips

An internal trip is a trip that has both its origin and destination within a multi-use development area under investigation, which should be deducted from the total number of trips departing and entering the study site. The appropriate internal trip reduction rates are based on the

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characteristics of the mixed land uses. Since the proposed development will include a disposal facility, no internal trips are expected for such development. Therefore, no reduction for internal trips considered.

3.5 Trip Distribution

The directions from which vehicles will approach and depart a site is a function of several variables, including the population and employment distribution within the development's area of influence, the operational characteristics of the road system, and the ease with which drivers can travel over various sections of the roadway network without encountering congestion. The directional distribution of new project trips by the proposed Dragos Disposal Facility development was estimated based on information obtained from the developer that the majority of trips will arrive from/depart to the north. The resulting directional distributions are as follows:

- . 80% of site generated trips will travel to and from the north on Highway 43; and
- 20% of site generated trips will travel to and from the south on Highway 43.

Site access distribution of traffic volumes were determined based on the above directional distributions coupled with the ability of traffic to perform the needed turns. The resulting final directions of approaches and the site access traffic distributions are illustrated on Figure 6.

3.6 Trip Assignment

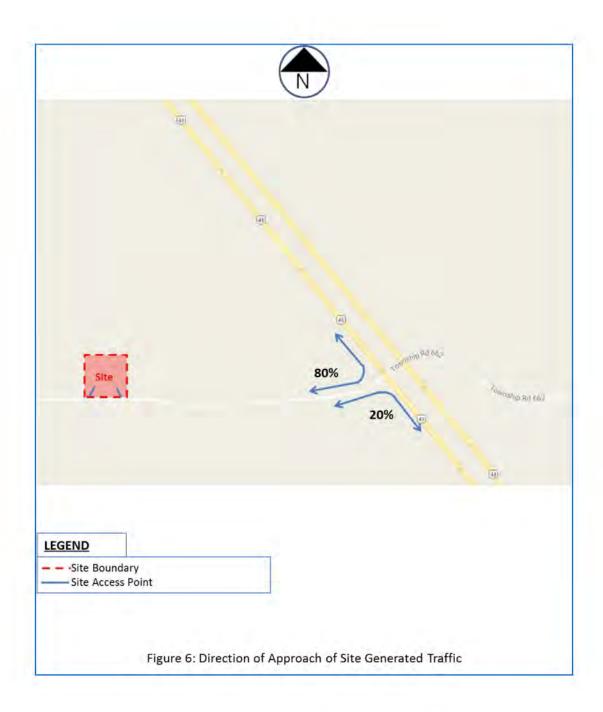
3.6.1 Future 2037 Volumes

The projected peak-hour traffic volumes for the Dragos Disposal Facility Development were assigned to the adjacent roadways based on the estimated directional distribution as shown on Figure 6. The resulted site generated AM peak hour and PM peak hour trips are illustrated on Figure 7.

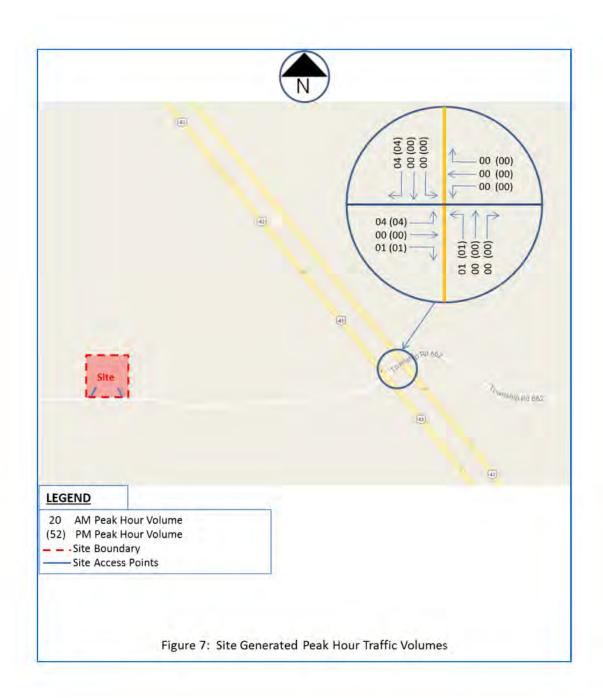
The development site-generated trips shown on Figure 7 were then added to the 2037 total background peak-hour traffic volumes shown on Figure 5 to arrive at the ultimate future 2037 peak-hour total traffic volumes, which are illustrated on Figure 8.

3.6.2 Project Built-Out Year Volumes

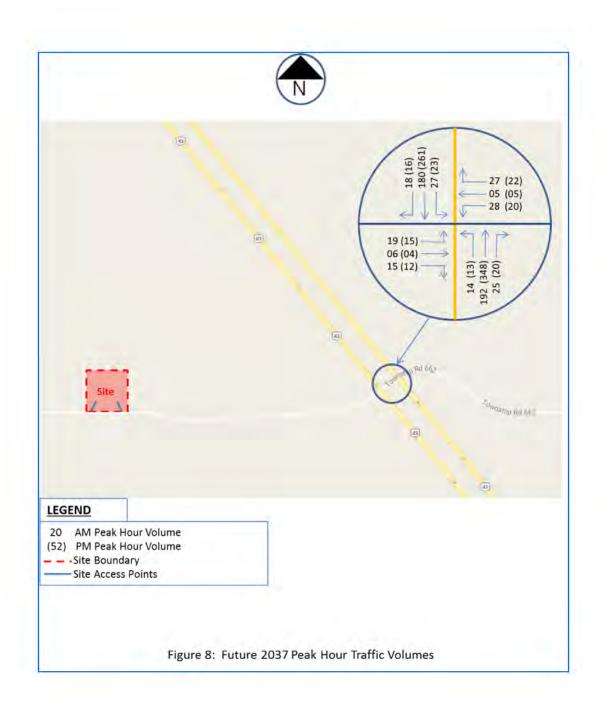
The project built-out year traffic volumes (opening year volumes) were not prepared because the capacity analysis of the ultimate 2037 future conditions indicated acceptable traffic operation and hence no need to analyze the opening year conditions.



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4.0 EVALUATION AND RECOMMENDED IMPROVEMENTS

4.1 Level of Service Criteria for Intersections

The intersections identified for the study were analyzed according to the methodologies presented in the 2010 Highway Capacity Manual. The analysis determines the "Level of Service (LOS)" of unsignalized intersections considering the factors including but not limited to number and types of lanes, traffic volumes, heavy vehicle composition, peak hour factors, pedestrian activities, etc. Levels of service are expressed in a range from "A" through "F," with "A" being the highest level of service, and "F" representing the lowest level of service. Table 6 shows the thresholds for Levels of Service "A" through "F" for unsignalized intersections that were evaluated under the current study. For comparison purpose, Table 7 presents the LOS criteria for signalized intersections.

Table 6: Level of Service Criteria for Unsignalized Intersections *

Level of Service	Delay/Vehicle (seconds)	Description
A	≤ 10.0	Little or no delay, very low main street traffic.
В	10.1 to 15.0	Short traffic delays, many acceptable gaps.
C	15.1 to 25.0	Average traffic delays, frequent gaps still occur.
D	25.1 to 35.0	Long traffic delays, limited number of acceptable gaps.
E	35.1 to 50.0	Very long traffic delays, very small number of acceptable gaps.
E	> 50.0	Extreme traffic delays, virtually no acceptable gaps in traffic.

^{*} Note: Capacity analysis for two-way stop controlled intersection provides the LOS for the critical movements, not of the overall intersection.

Table 7: Level of Service Criteria for Signalized Intersections

Level of Service	Delay/Vehicle (seconds)	Description
Α	≤ 10.0	Most vehicles do not stop at all
В	10.1 to 20.0	Some vehicles stop.
С	20.1 to 35.0	The number of vehicles stopping is significant, although many pass through without stopping.
D	35.1 to 55.0	Many vehicles stop. Individual cycle failures are noticeable.
E	55.1 to 80.0	Considered to be the limit of acceptable delay. Individual cycle failures are frequent.
F	> 80.0	Unacceptable delay.

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4.2 Capacity and Level of Service Analyses

Capacity and level of service analyses were conducted for the following conditions:

- Existing 2017 Conditions;
- Background 2037 Conditions (without site traffic);
- Future 2037 Conditions (with the site traffic).

The software package Synchro 8 was utilized for the capacity analyses of all study intersections and site accesses. The Synchro software utilizes *Highway Capacity Manual* 2010 methodologies for the evaluations.

Note that the observed heavy vehicle percentages and peak hour factors (PHF) were utilized in the capacity analysis of study intersection. Also note that for Township Road 662, and due to the possibility of high truck traffic volumes under the background and future scenarios the following heavy vehicle percentages were utilized in the capacity analysis:

- > AM Peak Hour = 35% east/west approaches of Township Road 662
- > PM Peak Hour = 38% east/west approaches of Township Road 662

4.2.1 Existing 2017 Conditions

Existing capacity and level of service analysis results for the study intersection are presented in Table 8. These results were taken from the HCM Un-signalized Intersection Capacity Analyses Reports produced by Synchro software.

Table 8: Capacity Analysis for Existing 2017 Traffic Conditions

A CONTRACTOR OF THE PARTY OF TH		AM Pea	ik Hour	PM Peak Hour		
Intersection	App.	Delay "Sec"	LOS	Delay "Sec"	Los	
A . T	EB	0.0	A	0.0	Α	
Highway 43 and	WB	9.6	Α	9.0	Α	
Township Road 662 (Unsignalized)	NB	0.1	Α	0.0	Α	
(Stisigitatine or)	SB	0.0	Α	0.0	Α	

The detailed capacity and LOS analyses reports for all Synchro capacity analyses scenarios are contained in Appendix D of this report.

A review of Table 8 indicates that the study intersection is currently operating at acceptable levels of service with the stop controls during both the AM and the PM peak hours. Therefore, no mitigation is needed under existing traffic conditions.

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4.2.2 Background 2037 Conditions

LOS and capacity analyses results for the background 2037 traffic conditions (without site development generated traffic) for the study intersection are presented in Table 9.

Table 9: Capacity Analysis for Background 2037 Traffic Conditions

The second second		AM Pea	ık Hour	PM Pea	k Hour
Intersection	App.	Delay "Sec"	Los	Delay "Sec"	Los
	EB	11.2	В	11.9	В
Highway 43 and	WB	11.3	В	12.4	В
Township Road 662 (Unsignalized)	NB	1.0	Α	0.7	Α
(SB	0.5	Α	0.3	Α

A review of Table 9 indicates that the study intersection of Highway 43 and Township Road 662 would continue to operate at acceptable levels of service with the stop controls during both AM and PM peak hours. Therefore, no mitigation would be needed under background 2037 conditions.

4.2.3 Future 2037 Conditions

LOS and capacity analysis results for the future 2037 traffic conditions (with site development traffic) for the study intersections and the site access intersections are presented in Table 10.

Table 10: Capacity Analysis for Future 2037 Traffic Conditions

LOW CONTRACTOR OF THE PARTY OF		AM Pea	ik Hour	PM Pea	k Hour
Intersection	App.	Delay "Sec"	LOS	Delay "Sec"	Los
ATEST	EB	11.3	В	12.0	В
Highway 43 and	WB	11.3	В	12.4	В
Township Road 662 (Unsignalized)	NB	1.0	Α	0.7	Α
(Singification)	SB	0.5	Α	0.3	Α

A review of **Table 10** indicates that the study intersection of Highway 43 and Township Road 662 would continue to operate at acceptable levels of service under the 2037 future conditions with the stop controls during both the AM and the PM peak. Therefore, no mitigations would be needed under future conditions.

4.2.4 Opening Year 2017 Conditions

LOS and capacity analysis results for the build-out 2017 traffic conditions were not performed since the ultimate 2037 future traffic condition analysis indicated acceptable levels of service without any movement experiencing high delays.

4.3 Traffic Control Signal Warrants

Signal warrant analyses are usually performed in accordance with *Transportation Association of Canada (TAC)* standards utilizing TAC warrants table. The purpose of the traffic signal warrant assessment is to determine if the installation of a traffic control signal is justified under 2037 future traffic conditions. The traffic signal installation warrants for the Highway 43 and Township Road 662 intersection were not performed because the unsignalized capacity analysis results for the future 2037 traffic volume conditions indicated acceptable levels of service during the AM and PM peak hours without any significant delays along any of the study intersection approaches. Therefore, signalization of the study intersection would not be justified under 2037 conditions.

4.4 Intersection Lighting Warrants

The purpose of the lighting warrants is to establish a consistent determination whether an intersection requires illumination and what type of lighting should be provided. A lighting installation warrant was performed using TAC's Guide for Design of Roadway Lighting. The intersection lighting warrant calculation sheets are provided in **Appendix E**.

The lighting warrants were completed for the intersection of Highway 43 and Township Road 662 for the future 2037 traffic conditions. The lighting scores for the analyzed scenario follow:

Scenario Lighting Score

Background / Future 2037 120

Since the future 2037 scores falls between 120 and 240 therefore, partial lighting of the intersection could become warranted under future 2037 scenario to accommodate the corresponding volumes including known background developments traffic as well as site traffic.

5.0 CONCLUSIONS AND RECOMMENDEDATIONS

This study analyzed the traffic impacts of the proposed Dragos Disposal Facility project to be located in the Municipal District (MD) of Greenview No. 16, Alberta. The proposed project is to be located within the L.S.2 SEC. 17 TWP. 66 RGE, 21 W, 5M in the MD of Greenview. The estimated number of total site generated trips entering and exiting the facility would be 78 trips daily, 8 trips during the AM peak, and 8 trips during the PM peak hour. The following conclusions have been reached by this traffic impact assessment study:

- LOS and capacity analyses indicated that under the Existing 2017 traffic conditions, the study intersection of Highway 43 and Township Road 662 is currently operating at acceptable levels of service with ample capacities and no vehicle queuing. No intersection improvements are required for this intersection under existing conditions.
- Background 2037 without the Project Site Traffic LOS analyses indicated that the study intersection would continue to operate at acceptable levels of service with ample capacities at all intersections approaches with no queuing issues. Therefore, no mitigations would be needed under background 2037 conditions.
- Future 2037 with the Project Site Traffic LOS analyses indicated that the study intersection would operate at acceptable levels of service with ample capacities at all intersection approaches with no vehicle queuing issues. Therefore, no mitigations would be needed under future 2037 conditions with site traffic.
- Traffic signal control warrant analyses were not performed for the stop controlled Highway 43 and Township Road 662 intersection because the future 2037 ultimate conditions capacity analysis indicated acceptable operations with ample capacity therefore, signalization would not be required under future 2037 conditions.
- Intersection lighting warrant analyses were performed at the Highway 43 and Township Road 662 Street intersection and the results indicated that partial lighting of the intersection could become warranted under future 2037 traffic conditions as the calculated warranting score of 120 was at the low end border.

In summary, this traffic impact assessment concludes that the proposed Dragos Disposal Facility Development is not anticipated to create significant traffic impacts to the surrounding roadway systems. The study area intersection and the site access intersections would operate acceptably without requiring any mitigation improvements under the future 2037 traffic conditions.

Yours truly,

EASL Transportation Consultants, Inc.

Prepared by:

EMAD M ALSAIDI

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E-mail: ealsaidi@easltransportation.ca

PERMIT TO PRACTICE

EASL Transportation Consultants. Inc.

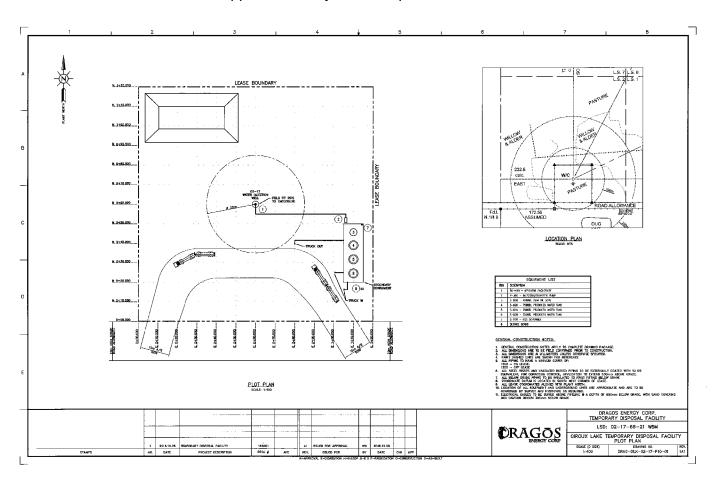
Signature: Date:

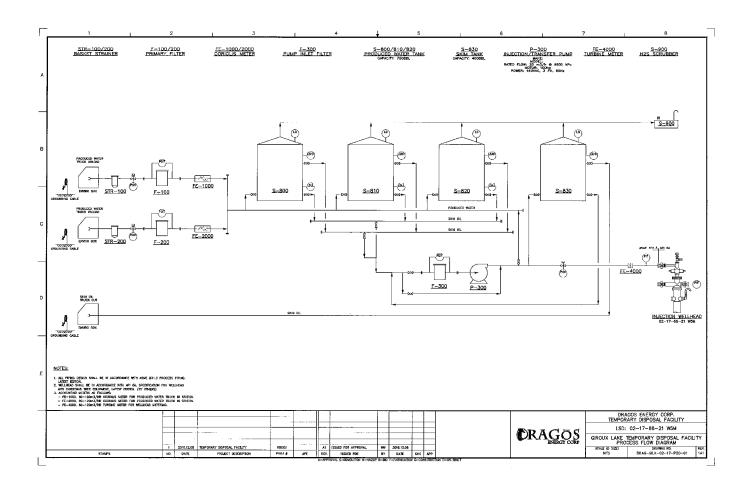
April 21, 2017

Permit Number: 12960

The Association of Professional Engineers and Geoscientists of Alberta

Appendix A: Project Development Site Plan





Appendix B: Existing 2017 Intersection Turning Movement Traffic Counts and Alberta Transportation Intersection Turning Movement Traffic Counts

Dragos Temporary Disposal Facility TIA (MD of Greenview No. 16)

Intersection: Highway 43 and Township Road 662

Count Date: 11-Apr-17 Count Day: Tuesday

Counted By: EASL Transportation Consultants, Inc.



ALL VEHICLES

AM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection

Time Period	Townshi	p Rosa 6	62 EB	Town	Township Road 662 WB		Hiç	phway 43	NE		jhway 43	-	Sum	-4-P	PHE
ÁM	L	Ī	R		Ť	Ř	L	Ť	R	L	Ť	Ŕ	1	Total	
7:00 - 7:15	0	0	0	1	0	0	0	15	0	0	20	0	36		
7:15 - 7:30	0	0	0	0	0	0	0	15	0	-0	17-	0	32		
7:30 - 7:45	0	0	0	0	0	1	0	1.7.	0	0	29	0	47	- 14	4
7:45 - 8:00	.0	0	0	0	0	0	0	15	n	0	19	0	34	149	
8:00 - 8:15	0	0	0	1.1.	0	0	0	19	0	0	31	0	51	164	
8:15 - 8:30	0	0	0	0	0	0	0	33	. 0	1	25	0	59	191	
8:30 - 8:45	0	0	0	0	0	0	0	40	0	0	30	0	70	214	1
8:45 - 9:00	0	0	0	0	0	0	0	36	0	0	34	0	70	250	0.89
Peak Hour	0	0	0	1	0	0	0	128	0	1	120	0	250		
App Total		0			1		T	128			121		250		
HV %		#DIV/0!			0%		9 = -	35%			35%		35%		

ALL VEHICLES

PM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection

Time Period	The state of the s		62 EB	Township Road 652 WB			Highway 43 NB			Hig	jhway 43	SB	Sum	4-P Total	PHF
₽M		T	R	L	T	R	L	Ť	R		T	R	-	10tal	
4:00 - 4:15	0	0	0	0	0	0	0	56	0	0	47	0	103		
4:15 - 4:30	0	0	0	0	0	0	0	52	0	1	37	0	90		
4:30 - 4:45	.0	0	Q	0	0	111	0	68	0	0	39	0	108		
4:45 - 5:00	0	0	0	0	0	. 0	0	56	0	0	51	0	107	408	0.94
5:00 - 5:15	0	0	0	0	0	0	0	53	0	0	32	0	85	390	11.0
5:15 - 5:30	4 4,14	0	0	0	0	0	0	54	0	0	50	0	105	405	
5:30 - 5:45	0	. 0	0	-0-	0 -	0	-0	59	0	0	42	0	101	398	+ = -
5:45 - 6:00	0	- 0	0	- 0	-0	1	0	54	0	0	40	0	95	386	
Peak Hour	0	0.	0	0	0	d=	0	232	0	1	174	0	408		
App Total		0			1			232			175		408		
HV %		#DIV/0!			0%	-		23%			38%		29%		

1, EX_Count_Hwy43&TwpRd662_Int

Dragos Temporary Disposal Facility TIA (MD of Greenview No. 16)

Highway 43 and Township Road 662 11-Apr-17 Intersection:

Count Date: Count Day: Tuesday

Counted By: EASL Transportation Consultants, Inc.



TRUCKS, MULTI-AXLE VEHICLE, CITY BUS OR SCHOOL BUS

AM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection

Time Period	Town	ship Road 6	62 EB	Town	ship Road I	862 WB		lighway 43 I	VBi		lighway 43	SB	Sum
AM	L	Ť	R	L	Ť	R	L	T	R	L	T	R	Sum
7:00 - 7:15					1			9			8		17
7:15 - 7:30								4			3		7
7:30 - 7:45						1	100	12			- 5		18
7;45 - 8;00		== -					7 = + 1	8			5		13
8:00 - 8:15		1 3						7			12		19
8:15 - 8:30							1. 1.	15			9		24
8:30 - 8:45		1 - 7	-		Y		+ - +	15	1 3		16		31
8:45 - 9:00					7 =			15			14		29
Peak Hour	0	0	0	0	0	0	0	45	0	- 0	42	0	87
App Total		0			0		100	45	100		42	6	87

TRUCKS, MULTI-AXLE VEHICLE, CITY BUS OR SCHOOL BUS

PM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection

Time Period	Town	ship Road 6	62 EB	Towns	hip Road 6	62 WB	H	lighway 43 i	VB.	- (1	ighway 43 5	iB	Sum
PM	-1	T	R	L	1	R	L	Ť	R	1	Ť	R	-50111
4:00 - 4:15								15			18		33
4:15 - 4:30		= 10						18	3	7	17		36
4:30 - 4:45								9			12		21
4:45 - 5:00					1			17			18		35
5:00 - 5:15			-		5			13			12	-	25
5:15 - 5:30					I .			15			19		34
5:30 - 5:45		100		1	Ú			9			17	0 = 1	26
5:45 - 6:00			2	(1000	18	1 = 1		14		32
Peak Hour	0	0	0	0	Ö	0	0	54	0	.0	66	0	120
App Total		0			0			54			66		120

1, EX_Count_Hwy43&TwpRd662_int Heavy Vehicles

Dragos Temporary Disposal Facility TIA (MD of Greenview No. 16)

Intersection: Highway 43 and Township Road 662

Count Date: 11-Apr-17 Count Day: Tuesday

Counted By: EASL Transportation Consultants, Inc.



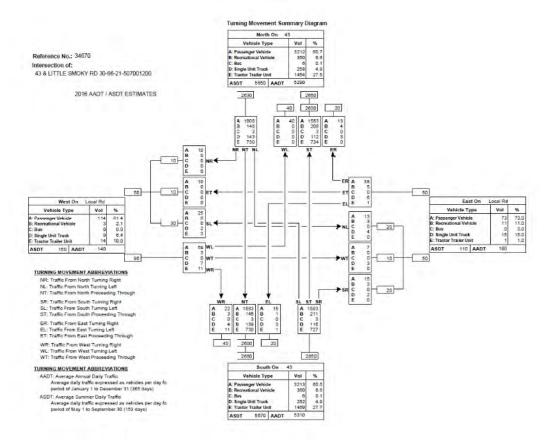
PASSENGER CARS, MINI-VANS, TWO AXLE TRUCKS, MOTOR CYCLES AND STATION WAGONS AM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection

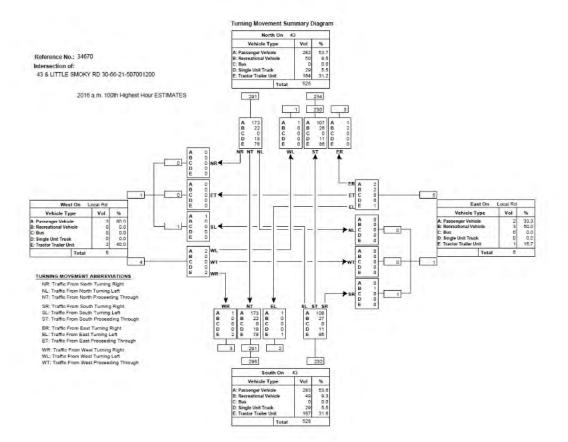
Time Period	Towns	hip Road 8	52 EB	Town	ship Road (562 WB	Hig	Highway 43 NB			Highway 45 SB			
AM	L	T	R	L	T	R	L	T	R	L	T	R	Sum	
7:00 - 7:15				1.			0	6	0	0	12	0	19	
7:15 - 7:30							0	11	0	0	14	0	25	
7:30 - 7:45					1 7		0	5	0	0	24	0	29	
7:45 - 8:00				L = L			0	7	0	0	14	- 11	21	
8:00 - 8:15				1		1	0	12	0	0	19	0	.32	
8:15 - 8:30		11 3	= =	0 - 1		37	0	18	0	1	16	0	35	
8:30 - 8:45		Ht = 4		p = 410	111	12	0	25	0	0	14	0	39	
8:45 - 9:00			E = 1			4	0	21	0	0	20	.0	41	
Peak Hour	0	0	0	1	. 0	0	. 0	62	0	1	63	0	127	
App Total		0			- 1			62			64		127	

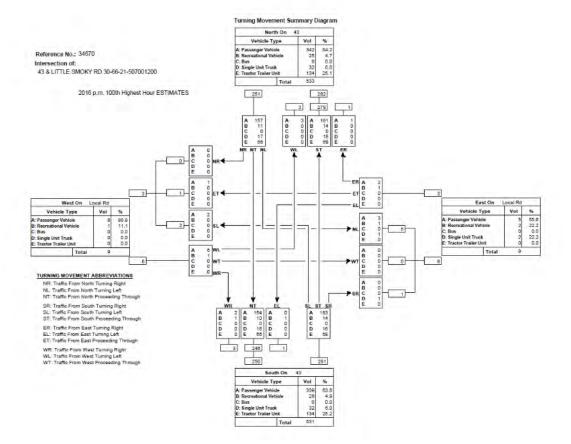
PASSENGER CARS, MINI-VANS, TWO AXLE TRUCKS, MOTOR CYCLES AND STATION WAGONS

PM Peak Hour Traffic Count at Highway 43 and Township Road 662 Intersection ownship Road 662 WE Sum 4:00 - 4:15 4:15 - 4:30 4:30 - 4:45 4:45 - 5:00 5:00 - 5:15 5:15 - 5:30 5:30 - 5:45 5:45 - 6:00 Peak Hour App Total

1, EX_Count_Hwy43&TwpRd662_int Pessenger Car







Appendix C: Morgan Family, LLC Gravel Pit TIA Report Utilized Pages

TRAFFIC ASSESSMENT

FOR THE

MORGAN FAMILY, LLC GRAVEL PIT

GALLATIN GATEWAY, MONTANA

February 2008

Prepared For: TMC, Inc. 22540 Frontage Road PO Box 69

Belgrade, MT 59714-0069



Prepared By:

Morrison-Maierie, Inc. 901 Technology Boulevard Bozeman, MT 59718 Phone: (406) 587-0721 Fax: (406) 922-6702

MMI Project No. 2850.008.010.0310



PROJECTED TRAFFIC

Site Traffic

Trip Generation

One of the most important elements in assessing the traffic impacts associated with a new development is an accurate estimate of the traffic to be generated. There are a number of options available for estimating trip generation. Trip Generation, 7th Edition published by the Institute of Transportation Engineers (ITE) does not provide trip generation data for a quarry, gravel pit, or other similar land use. Therefore, it was necessary to utilize alternative methods for determining the estimated site trip generation.

In order to develop a representative average of the truck trip generation for a gravel pit, this assessment evaluated a traffic impact study completed by the Crane Transportation Group (CTG) from San Francisco, California. CTG completed a traffic analysis for the Blue Rock and Canyon Rock Quarries in the County of Sonoma, California. CTG's analyses evaluated truck trip generation based on the annual production of the quarries. A representative portion of the annual extraction volume occurred during the month of October, which was the peak month of activity. Using this as the baseline and assuming that 14.2 CY of material was hauled by each truck, the data was analyzed for annual, monthly, weekly, and weekday variations to arrive at an average daily number of truck trips. Morrison-Maierle, Inc.'s analyses further determined an average weekday truck trip generation rate of 0.65 truck trips (Blue Rock Quarry) and 0.99 truck trips (Canyon Rock Quarry) per 1,000 CY of material extracted annually.

Kenai Engineering, Inc. provided truck load data for the Nuss Pit in Gallatin Gateway, Montana. This data included the total cubic yards of material hauled from the gravel pit on a monthly basis from October 2006 to September 2007. Similarly to CTG's study, the Nuss Pit data was analyzed and an average weekday truck trip generation rate of 0.76 truck trips per 1,000 CY of material extracted annually. An average of the rates from the three quarries determined a 90% confidence level truck average weekday truck trip generation rate of 0.97 truck trips per 1,000 CY of material extracted annually.



In order to determine trip generation during the AM and PM peak hours, it was necessary to evaluate the hourly traffic variations of the quarries during their hours of operation. Hourly data for the Nuss Pit was not available; however, data collected by Engineering, Inc. in September 2005 for the JTL-Belgrade Pit (Knife River Corporation) access in Belgrade, Montana was available. Analyzing data from the three sites, it was determined that AM peak hour trips represent approximately eight percent (8%) of the average weekday trips. PM peak hour trips represent an estimated six percent (6%) of the average weekday trips.

It is not estimated that customer traffic will represent a significant portion of the trip making characteristics of a gravel pit. However, employee related trips will comprise a portion of the gravel pit traffic. A maximum of seven (7) employees is estimated for the proposed Morgan Family, LLC Gravel Pit as provided in data from Kenai Engineering, Inc. Using assumed values of 1.3 employees per vehicle and three (3) trips per vehicle, employees are estimated to make 16 average weekday trips to and from the proposed Morgan Family, LLC Gravel Pit. It should be noted that the estimated number of employee trips is unique to this site and will vary from quarry to quarry depending on its employment characteristics. Detailed analyses of the trip generation rate determination and the trip generation calculations are provided in Appendix B. The estimated trip generation for the proposed gravel pit is summarized in the table below.

Table 1 Estimated Site Traffic Generation

		Average Weekday			AM	Peak H	our	PM Peak Hour		
Land Use	Units	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
Gravel Pit	145	79	78	157	7	6	13	6	4	10

Trip Distribution

The estimated traffic generated by the development must be distributed and assigned in order to analyze the impacts on the roadway system and intersections within the study area. Various methods are available for estimating trip distribution, including the analogy, trip distribution model, area of influence, origin-destination (O-D), and surrogate data methods. This study utilizes the analogy method, which bases the trip distribution on existing travel patterns in the area. The trip distributions for the proposed gravel pit are shown in Figures 4 and 5 on the following page.

Appendix D: Synchro Levels of Service & Capacity Analysis Reports

HCM 2010 TWSC 3: Hwy 43 & Twp Rd 662 Temporary Disposal Facility TIA Timing Plan: EX-AM

Intersection														
Int Delay, s/veh 0	.1													
Movement	EBL	EBT	EBR	W	/BL	WBT	WBR		SEL	SET	SER	NVVL	NWT	NVVF
Vol, veh/h	0	0	0		1	0	0		1	120	0	0	128	(
Conflicting Peds, #hr	0	0	0		0	0	0		0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	S	top	Stop	Stop		Free	Free	Free.	Free	Free	Free
RT Channelized		-	None		141	(3	None		-	-	None	1-	-	None
Storage Length	+		- Di						750	÷	750	750	-	750
Veh in Median Storage, #		2	740		-	2	>		-	0	-		0	-
Grade, %	÷	0	1		2	0	131		*	0	-	-14	0	
Peak Hour Factor	89	89	89		89	89	89		89	89	89	89	89	89
Heavy Vehides, %	2	2	2		2	2	2		35	35	35	35	35	35
Mvmt Flow	0	0	0		1	0	0		- 1	135	0	0	144	(
Major/Minor	Minor1			Mino	or2			Ň	/lajor1			Major2		
Conflicting Flow All	209	281	67		214	281	72		144	0	0	135	0	(
Stage 1	137	137		1	144	144	-		-	- 1		-	- 4	
Stage 2	72	144			70	137	-		-		-			
Critical Hdwy	7.54	6.54	6.94	7	.54	6.54	6.94		4.8		- 4	4.8	114	- 0
Critical Howy Stg 1	6.54	5.54		6	.54	5.54	-				-	-	15	,
Critical Howy Stg 2	6.54	5.54	- 1	6	.54	5.54	2		1-	-	-		- 2	
Follow-up Hdwy	3.52	4.02	3.32	3	.52	4.02	3.32		2.55	-	- 3	2.55	-	
Pot Cap-1 Maneuver	730	626	983	7	724	626	975		1226	4	-	1236	-	
Stage 1	852	782	-	8	344	777	-		+		-	-	9	
Stage 2	929	777	-	9	932	782	-		-		-	- 4		
Platoon blocked, %													. 5	
Mov Cap-1 Maneuver	730	625	983	7	724	625	975		1226	-	1.5	1236	. 8	
Mov Cap-2 Maneuver	786	690	1	7	781	691			4		-	11.		
Stage 1	851	781	-	3	343	777					-		16	
Stage 2	929	777		9	931	781			-	-	-	-	-	
Approach	EB			- 4	NB				SE			NW	-	
HCM Control Delay, s	0			3	9.6				0.1			0		
HCM LOS	A				A									
Minor Lane/Major Mvmt	NWL	NWT	NWREE	3Ln1WBL	n1	SEL	SET	SER						
Capacity (veh/h)	1236	-		The second second	781	1226	-	3						
HCM Lane V/C Ratio			-			0.001		_						
HCM Control Delay (s)	0		-		9.6	7.9	- 41	-						
HCM Lane LOS	A	-		Ä	A	A	-	-						
HCM 95th %tile Q(veh)	0			12	0	0	-							

Existing AM Peak Hour EA Synchro 8 Light Report 2017-04-20

Intersection												
Int Delay, s/veh	0											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NVVE
Vol, veh/h	0	0	0	0	0	1	1	174	0	0	232	(
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized			None	-		None	-		None			None
Storage Length	1.0	÷	-	-	8		750	- 3	750	750	+	750
Veh in Median Storage, #	15	2	18	÷	2	3÷	-	0	100	-	0	
Grade, %	-	0		-	0	+		0	1 +	÷	0	150
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehides, %	2	2	2	2	2	2	38	38	38	23	23	23
Mvmt Flow	0	0	0	0	0	1	1	185	0	0	247	C
Major/Minor	Minor1			Minor2			Major1			Major2		
Conflicting Flow All	310	434	93	342	434	123	247	0	0	185	0	0
Stage 1	187	187	- 4	247	247	14	-	-			9	
Stage 2	123	247	- 2	95	187	4	9	4	141		- 3	
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.86	-	120	4.56	- 4	
Critical Howy Stg 1	6.54	5.54		6.54	5.54	-		-	+	-	- 4	
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54		A	-0-	-		- 9	
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.58	-	-	2.43		
Pot Cap-1 Maneuver	619	514	946	588	514	905	1091	-		1247		
Stage 1	797	744	-	735	701				+	-	- 5	
Stage 2	868	701	- 5	901	744	17	-		-			
Platoon blocked, %								-	-		-	
Mov Cap-1 Maneuver	618	514	946	588	514	905	1091	-	-	1247	-	-
Mov Cap-2 Maneuver	717	617		679	618							
Stage 1	796	743		734	701	*		-	- 4			
Stage 2	867	701		900	743	÷	- 8		- +		-	
Approach	EB			WB			SE			NW		
HCM Control Delay, s	0			9			0			0		
HCM LOS	A			A								
Minor Lane/Major Mvmt	NWL	NWT	NWRF	BLn1WBLn1	SEL	SET	SER					
Capacity (veh/h)	1247		-	- 905	1091	-	- CLIV					
HCM Lane V/C Ratio	12,47	-	- 1		0.001	-						
HCM Control Delay (s)	0	- 4	2	0 9	8.3	ı i						
HCM Lane LOS	A			A A	A							
HCM 95th %tile Q(veh)	0	7		- 0	0							

Existing PM Peak Hour
EA

Intersection													
Int Delay, s/veh 2	6												
Movement	EBL	EBT	EBR		WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWF
Vol, veh/h	15	6	14	>	28	5	27	27	180	14	13	192	25
Conflicting Peds, #/hr	0	0	0		0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized		-	None		-	-	None			None			None
Storage Length	-	÷	1		-	*	-	750	-	750	750	-	750
Veh in Median Storage, #		2	12		ě	2) - 3 - 3		0	1		0	1
Grade, %	-	0				0	+	e	0	- +	p 2	0	
Peak Hour Factor	89	89	89		89	89	89	89	89	89	89	89	
Heavy Vehides, %	35	35	35		35	35	35	35	35	35	35	35	35
Mvmt Flow	17	7	16		31	6	30	30	202	16	15	216	28
Major/Minor	Minor1			M	linor2			Major1			Major2		
Conflicting Flow All	403	508	101		410	508	108	216	0	0	202	0	(
Stage 1	263	263	- 4		245	245	-		-		-		
Stage 2	140	245	- 4		165	263	- 4	- 6	-	140			
Critical Hdwy	8.2	7.2	7.6		8.2	7.2	7.6	4.8	-	120	4.8		
Critical Hdwy Stg 1	7.2	6.2	1 4		7.2	6.2	-	- 0	-	-	-	9	
Critical Hdwy Stg 2	7.2	6.2	-		7.2	6.2	-			-			
Follow-up Hdwy	3.85	4.35	3.65		3.85	4.35	3.65	2.55	-	-	2.55	9	
Pot Cap-1 Maneuver	460	401	838		454	401	829	1142	-		1157		
Stage 1	634	614	- 4		651	627	100	*	-	+	*	- 4	
Stage 2	761	627	- 19		733	614	19		-	-	-		
Platoon blocked, %									-	- 1		u	
Mov Cap-1 Maneuver	426	385	838		428	385	829	1142	-	-	1157	-	-
Mov Cap-2 Maneuver	543	497			548	501				-			
Stage 1	617	598			634	619	7,40			- Fe 1			b - 10
Stage 2	717	619			692	598		- 4		- +		-	
Approach	EB				WB			SE			NW		
HCM Control Delay, s	11.2				11.3			1			0.5		_
HCM LOS	В				В						- 11		
Minor Lane/Major Mvmt	NWL	NWT	NWR	EBLn1W	RI m1	SEL	SET	SER					
Capacity (veh/h)	1157			621	641	1142	OL I	JEN					
HCM Lane V/C Ratio	0.013	-	-	0.063			- 4						
HCM Control Delay (s)	8.2	2	a a	11.2	11.3	8.2	1 2						
HCM Lane LOS	0.Z	-		В	11.3 B	0.2 A							
HCM 95th %tile Q(veh)	A	17	-	D	D	A	-	-					

Intersection													
Int Delay, s/veh 1	6												
Movement	EBL	EBT	EBR		WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWF
Vol, veh/h	11	4	11		20	5	22	23	261	12	12	348	20
Conflicting Peds, #/hr	0	0	0		0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	. 1.4	-	None				None			None			None
Storage Length	-		121		-	*	ė	750	-	750	750	-	750
Veh in Median Storage, #	100	2	1-		÷	2	3541	-	0	1	9	0	
Grade, %	-	0			*	0	-	-	0		÷	0	
Peak Hour Factor	94	94	94		94	94	94	94	94	94	94	94	94
Heavy Vehides, %	38	38	38		38	38	38	38	38	38	23	23	23
Mvmt Flow	12	4	12		21	5	23	24	278	13	13	370	21
Major/Minor	Minor1			٨	Ainor2			Major1			Major2		-
Conflicting Flow All	540	723	139		586	723	185	370	0	0	278	0	(
Stage 1	327	327	4		396	396	- 4			-	-		
Stage 2	213	396	- 2		190	327	-	1.6	-	12			
Critical Hdwy	8.26	7.26	7.66		8.26	7.26	7.66	4.86		120	4.56	- 9	
Critical Howy Stg 1	7.26	6.26	-		7.26	6.26		-	-	+	-	- 9	
Critical Hdwy Stg 2	7.26	6.26	-		7.26	6.26	-		-	-	-		
Follow-up Hdwy	3.88	4.38	3.68		3.88	4.38	3.68	2.58	1	-	2.43	3	
Pot Cap-1 Maneuver	355	288	781		326	288	724	964			1143		
Stage 1	569	564			513	520	1 19	14		+	-	- 8	
Stage 2	676	520	- 19		699	564	17	8		-			
Platoon blocked, %									-	-		-	
Mov Cap-1 Maneuver	331	278	781		310	278	724	964	-	-	1143		-
Mov Cap-2 Maneuver	472	414			445	420							
Stage 1	555	550			500	514	1,00	-	-	-			
Stage 2	640	514			666	550				+			-
Approach	EB				WB			SE			NW		
HCM Control Delay, s	11.9				12.4			0.7			0.3		
HCM LOS	В				В								
Minor Lane/Major Mvmt	NWL	NWT	NWRE	EBLn1W	JRI n1	SEL	SET	SER					-
Capacity (veh/h)	1143			553	539	964	021	CERT					
HCM Lane V/C Ratio	0.011		- 1			0.025	- 4						
HCM Control Delay (s)	8.2	- 2	2	11.9	12.4	8.8	1						
HCM Lane LOS	A			В	B	Α.							
HCM 95th %tile Q(veh)	0	- 3		0.2	0.3	0.1	-						

Intersection													
Int Delay, s/veh 2	6												
Movement	EBL	EBT	EBR		WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NWF
Vol. veh/h	19	6	15		28	5	27	27	180	18	14	192	25
Conflicting Peds, #/hr	0.	0	0		0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	1.0	-	None			-	None			None	,	-	None
Storage Length			1			+		750	-	750	750	-	750
Veh in Median Storage, #	- 4	2	100		- 4	2	- 5 1 2	-	0	1-1	9	0	1
Grade, %	-	0	÷		-	0	÷		0	- 4	93	0	
Peak Hour Factor	89	89	89		89	89	89	89	89	89	89	89	89
Heavy Vehides, %	35	35	35		35	35	35	35	35	35	35	35	35
Mvmt Flow	21	7	17		31	6	30	30	202	20	16	216	28
Major/Minor	Minor1				Minor2			Major1			Major2		
Conflicting Flow All	405	510	101		412	510	108	216	0	0	202	0	(
Stage 1	263	263	- 4		247	247				-			
Stage 2	142	247	- 0		165	263	-		-	120			
Critical Hdwy	8.2	7.2	7.6		8.2	7.2	7.6	4.8		140	4.8		
Critical How Stg 1	7.2	6.2	1		7.2	6.2	-			4	_	- 4	
Critical Howy Stg 2	7.2	6.2	-		7.2	6.2			-	-			
Follow-up Hdwy	3.85	4.35	3.65		3.85	4.35	3.65	2.55	4	-	2.55	9	
Pot Cap-1 Maneuver	458	400	838		452	400	829	1142		-	1157		
Stage 1	634	614	16		649	626	-					- 4	
Stage 2	759	626			733	614	19			-	-		
Platoon blocked, %									-	-10		L.	
Mov Cap-1 Maneuver	424	384	838		425	384	829	1142		-	1157	-	-
Mov Cap-2 Maneuver	542	496			546	500							
Stage 1	617	598			632	617							
Stage 2	715	617	- 1		692	598	÷			+		-	
Approach	EB				WB			SE			NW		
HCM Control Delay, s	11.3				11.3			1			0.5		
HCM LOS	В				В						3.0		
Minor Lane/Major Mvmt	NWL	NWT	NWR	EBLn1V	VBI n1	SEL	SET	SER					
Capacity (veh/h)	1157			615	639	1142		JLI.					
HCM Lane V/C Ratio	0.014	-	- 4	0.073									
HCM Control Delay (s)	8.2	4		11.3	11.3	8.2	1 2						
HCM Lane LOS	0.2 A			В.	11.5 B	A.							
HCM 95th %tile Q(veh)	0	- 17	-	0.2	D		100						

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Intersection													
Int Delay, s/veh 1.	7												
Movement	EBL	EBT	EBR		WBL	WBT	WBR	SEL	SET	SER	NWL	NWT	NW
Vol, veh/h	15	4	12		20	5	22	23	261	16	13	348	20
Conflicting Peds, #/hr	0	0	0		0	0	0	0	0	0	0	0	(
Sign Control	Stop	Stop	Stop		Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	1.4	-	None			-	None			None	,		None
Storage Length	-		1		-	*	ė	750	-	750	750	-	750
Veh in Median Storage, #	1-8	2	A 174		÷	2	35	-	0	l s è ce		0	
Grade, %	÷	0	e			0	-		0) è	0	
Peak Hour Factor	94	94	94		94	94	94	94	94	94	94	94	94
Heavy Vehides, %	38	38	38		38	38	38	38	38	38	23	23	23
Mvmt Flow	16	4	13		21	5	23	24	278	17	14	370	21
Major/Minor	Minor1				Minor2			Major1			Major2		
Conflicting Flow All	542	725	139	7	588	725	185	370	0	0	278	0	(
Stage 1	327	327	4		398	398	- 4						
Stage 2	215	398			190	327	- 6	- 4	-	140		- 2	
Critical Hdwy	8.26	7.26	7.66		8.26	7.26	7.66	4.86		127	4.56	- 3	
Critical Howy Stg 1	7.26	6.26	-		7.26	6.26	-	-		-	-	- 4	
Critical Hdwy Stg 2	7.26	6.26			7.26	6.26	-		-	-			
Follow-up Hdwy	3.88	4.38	3.68		3.88	4.38	3.68	2.58	1 4	-	2.43	1 8	
Pot Cap-1 Maneuver	353	287	781		325	287	724	964			1143		
Stage 1	569	564	9		511	519	-		-	+	-	8	
Stage 2	674	519	- 9		699	564	-	6		-	-		
Platoon blocked, %									-	-		2	
Mov Cap-1 Maneuver	329	276	781		308	276	724	964		-	1143		
Mov Cap-2 Maneuver	471	413	-		443	419				-		-	
Stage 1	555	550			498	513	5.40	-					
Stage 2	638	513	- +		665	550				+			
Approach	EB				WB			SE			NW		
HCM Control Delay, s	12				12.4			0.7			0.3		
HCM LOS	В				В								
Minor Lane/Major Mvmt	NWL	NWT	NWRI	EBLn1V	VBI.n1	SEL	SET	SER					
Capacity (veh/h)	1143		-	545	537	964	021	OLIV					
HCM Lane V/C Ratio	0.012			0.061			- 4						
HCM Control Delay (s)	8.2	1 1 4	2	12	12.4	8.8	1						
HCM Lane LOS	A			В	B	A	-						
HCM 95th %tile Q(veh)	0		_		0.3	0.1	1.4	-					

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Appendix E: Intersection Lighting Warrant Analyses Worksheet

Guide for the Design of Roadway Lighting Volume 2 – Design TAC Intersection: Highway 43 & Township Road 662 – Year 2037 Future Condition

Item No.	Classification Factor			Rating Factor "F	?"		Weight Subcategory (If applicable)	Weight "W"	Enter "R" Here	Score "R""W"
		0	1	2	3	4				
				Ger	ometric Factors			•		
1	Channelization	None	Right and/or Left Turn Approach only	Right Turn Lanes only on Major Leg(s)	Left Turn Lane(s) on Major Leg(s)	Left and Right Turn Lanes on all legs	Raised and Operating Speed Less than 70 km/h on at least One Channelized Approach or	15	0	0
							Raised and Operating Speed Less than 70 km/h or More on at least One Channelized Approach or	20	0	0
							Painted Only	5	0	0
2	Approach Sight Distance on the Most Constrained Approach (Relative to Recommended Minimum Intersection Sight Distance)	100% or More	75% to 99%	50% to 74%	25% to 49%	< 25%		10	0	0
3		Horizont	al Curvature Rad	lius at or immedia	tely Before Inters	section on Any le	g for Posted Speed limit	of		
	110 Km/hr	Tangent	>1800m	1150 to 1800m	750 to 1150m	<750m		5	0	0
	90 or 100 km/hr	Tangent	>1400m	950 to 1400m	600 to 950m	<600m				
	70 or 80 km/hr	Tangent	>950m	550 to 950m	340 to 550m	<340m				
	60 km/hr	Tangent	>575	320 to 575m	190 to 320m	<190m				

4	Angle of intersection or	90 Degree Angle	80 or 100 Degree Angle		70 to 110 Degree Angle	<70 or >110 Degree or	5	0	0
	offset intersection					offset intersection			
5	Downhill Approach	<3.0%	3.1 to 3.9%	4.0 to 4.9%	5.0 to 7.0%	>7% or	3	0	0
	Grades at or	0.070	and meets	and meets	and meets	Exceeds	Ĭ	"	
	immediately Before		design	design	design	Maximum			
	intersection on any		Guidelines for	Guidelines for	Guidelines for	Guidelines for			
	leg		Type and	Type and	Type and	Type and			
	-		Speed of	Speed of	Speed of	Speed of			
			Road	Road	Road	Road			
6	Number of Legs		3	4	5	>6	3	0	0
Subt	total Geometric Factors	5							0
				Opera	tional Factors (C))			
7				Е	ither AADT (2-Wa	ay)			
	0.14 : 0. 1	1000	1000 1 0000	00001 0000	00001 5000	5000	40		10
	On Major Road and	<1000	1000 to 2000	2000 to 3000	3000 to 5000	>5000	10	4	40
	On Minor Road or	<500	500 to 1000	1000 to 1500	1500 to 2000	>2000	20	2	40
	Signalization	Intersection	Intersection	Intersection	Intersection	Intersection	30	0	0
	Warrant	Not	Not	Not	Not	Not			
		Signalized	Signalized	Signalized	Signalized	Signalized			
		and	and Volume	and Volume	and Volume	and Volume			
		Volume	based Signal	based Signal	based Signal	based Signal			
		based	Warrant is	Warrant is	Warrant is	Warrant is			
		Signal	Less than	Less than	Less than	Over 80%			
		Warrant is	20% to 40%	40% to 60%	60% to 80%	Satisfied			
		Less than	Satisfied	Satisfied	Satisfied				
		20%							
L_		Satisfied		10.1.00			4.0		
8	Regular Nighttime	No	Up to 10	10 to 30	30 to 50	Over 50	10	0	0
	Hourly	Pedestrian							
	Pedestrian Volume								
				1					

9	Intersection Roadway Classifications	No Primary Road Involved	Primary/ Rural Major, Primary/Rural Minor, or Primary/ Designated Community Access	Primary/Secondary	Primary/Primary	Intersection includes Divided Highway		5	4	20		
10	Operating Speed or Posted Speed Limit on Major Road	50 km/h or less	60 km/hr	70 km/hr	80 km/hr	90 km/hr or Over		5	4	20		
11	Operating Speed or Posted Speed Limit on Minor Road	50 km/h or less	60 km/hr	70 km/hr	80 km/hr	90 km/hr or Over		5	0	0		
				Subtotal Oper						120		
Environmental Factors (E)												
12	Lighted Development Within 150 m Radius of Intersection	-	In One Quadrant	In Two Quadrant	In Three Quadrant	In Four Quadrant		5				
				Subtotal Enviro	nmental Factors					0		
				Coll	ision Factors (A)							
13	Average Annual Nighttime Collision Frequency or Rate over Last Three Year (Only Collisions Potentially Attributable to Inadequate Lighting)	0 Collision per year	1 Collision per year		3 or More Col year or At I Collisions pu Entering Vef Year and an Ratio of All Ni, Collisions of a	east 1.5 er Million nicles per Average ght-to-Day	1 or 2 Collisions per year 1 or 2 Collisions per year	15				
		·			ision Factors			, in the second		0		
				Total Warra	nting Points					120		

Schedule 'E' - Adjacent Landowner Responses

 From:
 Bryan Wiltse

 To:
 Leona Dixon

Subject: Disposal well in Little Smokey

Date: May-30-17 7:40:28 AM



To whom this may concern, I understand there has been an application to develop a disposal facility in the farm land in Little Smokey. As a long time resident of this area I have seen first hand of the negative impacts the oil industry can have on an area as well as the positives too. I feel that we as a community don't need this in our back yards. There are 3 of these facilities in Fox Creek and at least 3 in the Valleyview. That's more than enough to handle whats going on in our area. Mr Ritter doesn't have any ties to the community anymore, he and his family moved away years ago and he has sold off all his other properties in the area. Sorry Rick, But nobody wants this in their backyard any more than you would, if you still lived in your old place, there would be no way you would allow this. We don't need this in our community. It does nothing to improve or enhance, but it would bring more traffic on our roads and a smelly treatment facility and who knows what the long term affects on the water table might be. Thank you for taking the the time to read my views on this. Have a good day.

From: Laurie Mohan

Date: June 2, 2017 at 8:43:24 PM MDT **To:** <a href="mailto: months.ca <a href="mai

Subject: Bylaw No. 17-781 Richard Ritter and injection well

Dear Sally Rosson,

This correspondence is to let you know that I am highly opposed to the proposed water injection well on the Ritter's land, and the rezoning of their land from Agriculture to Commercial because of the possibility of environmental impacts on the water wells in this area and on the Little Smoky River. Other oil industry activity in this area has already affected wells in Little Smoky hamlet and on the properties of surrounding residents. I know of several rural neighbors whose water wells and dugouts were blackened and made lifeless (fish and pond insects dying) by similar activity a few years ago near Rene Fournier's place. We rely on our wells for drinking water, gardening and livestock and cannot afford to allow one landowner and one company to profit from a venture such as this at the expense of everyone else. Development must be done with care for the environment and not just for profit.

Please protect our land and our homes by refusing to rezone this land for this purpose.

Thank you.

Sincerely,

Laurie Mohan

From: Denise Baranowski
Sent: June-04-17 8:43 PM

To: Sally Rosson <Sally@mdgreenview.ab.ca>

Cc: Leona Dixon < Leona. Dixon@MDGreenview.ab.ca> **Subject:** Re: Bylaw No. 17-781 - Richard G .Ritter

Good evening Sally,

We are emailing to petition the above noted bylaw. We are opposed to having the land rezoned to accommodate the future development of an injection well. This well could have the potential of damaging the environment and effecting the abundant wildlife habitat that is in this area. Not to mention the damage it could have on personal water wells in the area and the increase in traffic. This is not something that should be developed right in the middle of agricultural land and family dwellings. The owner of this land does not even live in the area anymore and we are sure if he did, he would not want this next door to his house or water source.

Yours truly,

Leonard & Denise Baranowski



Schedule 'F' - Municipal Government Act

Public Hearings

When to hold public hearing

- **230(1)** When this or another enactment requires council to hold a public hearing on a proposed bylaw or resolution, the public hearing must be held, unless another enactment specifies otherwise,
 - (a) before second reading of the bylaw, or
 - (b) before council votes on the resolution.
- (2) If a public hearing is held on a proposed bylaw or resolution, council must conduct the public hearing during a regular or special council meeting.
- **(3)** A council may by bylaw establish procedures for public hearings.
- (4) In the public hearing, council
 - (a) must hear any person, group of persons, or person representing them, who claims to be affected by the proposed bylaw or resolution and who has complied with the procedures outlined by the council, and
 - (b) may hear any other person who wishes to make representations and whom the council agrees to hear.
- (5) After considering the representations made to it about a proposed bylaw or resolution at a public hearing and after considering any other matter it considers appropriate, the council may
 - (a) pass the bylaw or resolution,
 - (b) make any amendment to the bylaw or resolution it considers necessary and proceed to pass it without further advertisement or hearing, or
 - (c) defeat the bylaw or resolution.
- **(6)** The minutes of the council meeting during which a public hearing is held must record the public hearing to the extent directed by the council.

1994 cM-26.1 s230

Planning bylaws

692(1) Before giving second reading to

- (a) a proposed bylaw to adopt an intermunicipal development plan,
- (b) a proposed bylaw to adopt a municipal development plan,
- (c) a proposed bylaw to adopt an area structure plan,
- (d) a proposed bylaw to adopt an area redevelopment plan,
- (e) a proposed land use bylaw, or
- (f) a proposed bylaw amending a statutory plan or land use bylaw referred to in clauses (a) to (e),

a council must hold a public hearing with respect to the proposed bylaw in accordance with section 230 after giving notice of it in accordance with section 606.

- (2) Despite subsection (1), if a proposed development relates to more than one proposed bylaw referred to in subsection (1), the council may hold a single public hearing.
- (3) Despite subsection (1), in the case of a public hearing for a proposed bylaw adopting or amending an intermunicipal development plan,
 - (a) councils may hold a joint public hearing to which section 184 does not apply, and
 - (b) municipalities may act jointly to satisfy the advertising requirements of section 606.

- (4) In the case of an amendment to a land use bylaw to change the district designation of a parcel of land, the municipality must, in addition to the requirements of subsection (1),
 - (a) include in the notice described in section 606(2)
 - the municipal address, if any, and the legal address of the parcel of land, and
 - (ii) a map showing the location of the parcel of land,
 - (b) give written notice containing the information described in clause (a) and in section 606(6) to the assessed owner of that parcel of land at the name and address shown on the assessment roll of the municipality, and
 - (c) give a written notice containing the information described in clause (a) and in section 606(6) to each owner of adjacent land at the name and address shown for each owner on the assessment roll of the municipality.
- (5) If the land referred to in subsection (4)(c) is in another municipality, the written notice must be given to that municipality and to each owner of adjacent land at the name and address shown for each owner on the tax roll of that municipality.
- (6) Despite subsection (1), a bylaw referred to in subsection (1) may be amended without giving notice or holding a public hearing if the amendment corrects clerical, technical, grammatical or typographical errors and does not materially affect the bylaw in principle or substance.
- **(6.1)** Subsection (1)(f) does not apply in respect of a proposed bylaw amending a statutory plan or land use bylaw to specify the purposes of a community services reserve.
- (7) In this section,
 - (a) "adjacent land" means land that is contiguous to the parcel of land that is being redesignated and includes
 - (i) land that would be contiguous if not for a highway, road, river or stream, and
 - (ii) any other land identified in the land use bylaw as adjacent land for the purpose of notifications under this section:
 - (b) "owner" means the person shown as the owner of land on the assessment roll prepared under Part 9.

- (8) If an ALSA regional plan requires a council to pass a bylaw referred to in this section, the council must
 - (a) consider whether, in view of the requirement in the ALSA regional plan, consultation is necessary, desirable or beneficial, and
 - (b) decide whether or not to proceed with consultation.
- (9) If a council decides under subsection (8) that consultation is neither necessary nor desirable or would not be beneficial, subsections (1) to (7) do not apply to the council in respect of the bylaw concerned.

RSA 2000 cM-26 s692;2008 c37 s9;2009 cA-26.8 s83

Schedule 'G' - Municipal Development Plan 15-742

Protection of Water

2.5.2

3.3.2

3.5.2

- Greenview shall not approve development that will negatively affect surface water bodies and groundwater quality and quantity. In order to ensure the protection of surface water, groundwater and alluvial aquifers, the following provisions shall apply:
- (a) Sand and gravel operations shall be required to submit, prior to an application being considered for approval, a hydrogeological assessment prepared by a qualified engineer to confirm the depth of the aquifer and identify mitigative measures that will be undertaken to ensure that the integrity of the alluvial aquifer will not be compromised by pit activities;
- (b) Industrial development that has the potential to impact surface water quality or groundwater quality or supply shall not be allowed unless a hydrogeological assessment prepared by a qualified engineer demonstrates that surface water bodies and groundwater will not be negatively affected.

Non-Agricultural Uses

The development of non-agricultural uses in the rural area shall not negatively impact existing agricultural operations. As new development occurs in the rural area, notice to developers respecting the presence of agricultural operations shall be made in accordance with the provisions of the LUB.

Non-Agricultural Uses

Proposals for non-agricultural uses may be supported depending upon the merits of the proposal as determined under Section 10.3 ("Subdivision and Development Requirements"), and its effect on the farming area.

6.3 INDUSTRIAL DEVELOPMENT

Industrial Uses Supported

- 6.3.1 The types of industry which may be supported in Greenview include those that:
 - (a) Cater to the needs of agriculture, forestry, or natural resource extraction;
 - (b) Have comparatively large land requirements;
 - (c) Are not suited to an urban area;
 - (d) Do not conflict with adjacent land uses in terms of appearance, emissions, noise, or traffic generation, unless suitable buffers are provided;
 - (e) Are located on sites that are suitable for the proposed development in terms of soil stability, groundwater level, and drainage; and
 - (f) Have minimal servicing requirements.

Location of Development

6.3.2

- (a) With the exception of farm-based industries or major home occupations, industrial development proposals should wherever possible locate in an industrial park setting, or in proximity to other industrial uses where feasible to minimize impacts on potentially incompatible uses such as agricultural operations and country residential development.
- (b) Greenview may permit the establishment of industrial uses in agricultural areas if the proposed development:
 - (i) is a small scale industrial pursuit as defined in the LUB; or
 - (ii) is associated with an existing or planned agricultural operation; or
 - (iii) is not located on Better Agricultural Land unless the development is dependent on a specific site for its operations;
 - (iv) is compatible with existing or planned land uses on adjacent lands;
 - (v) does not impact a wetland or other environmentally sensitive feature;
 - (vi) is located on a high grade road and does not negatively impact the integrity of Greenview's road network;
 - (vii) does not negatively impact the quantity of flow and quality of water to adjacent lands; and
 - (viii) is located on a site on which private water and sewer services can be provided in accordance with provincial standards and guidelines.

Evaluation of Industrial Development Proposals

- 6.3.3 All industrial development proposals will be evaluated according to the following:
 - (a) Potential impact on quality and quantity of water supplies and water courses and conformity with guidelines, policies and conditions as required by the applicable provincial departments or agencies;
 - (b) Proximity to residential, recreational, and public uses, and environmentally sensitive areas;
 - (c) The proposal does not interfere with agricultural operations:
 - (d) Impacts on the local road network;
 - (e) Provision for stormwater management and control of surface runoff;
 - (f) Sufficiency of on-site water storage for fire protection purposes in accordance with National Fire Protection Association guidelines (NFPA 1142 or successor documents) and Alberta Safety Code requirements; and
 - (g) Conformity with relevant Statutory Plans and the LUB.

10.3 SUBDIVISION AND DEVELOPMENT REQUIREMENTS

Evaluation of Applications

- 10.3.1 All applications for LUB amendments, subdivisions and development permits shall be evaluated by Greenview according to the following criteria:
 - (a) Compliance with the Act, Regulation, LUB, and any other Statutory Plans or Concept Plans that are in effect;
 - (b) Adequacy of road access and off-site traffic impacts generated by the proposed development;
 - (c) Proposed methods of water supply, sewage disposal and storm drainage, supported by hydrogeological and geotechnical testing provided by the developer with the application;
 - (d) Compatibility with adjacent land uses, including the potential impact on agricultural operations;
 - (e) Site suitability in terms of soils, topography, and size;
 - (f) Environmental factors including the potential for erosion, flooding, or watercourse contamination; and
 - (g) The quality of agricultural land, and the fragmentation and loss of agricultural lands.

Schedule 'H' - Land Use Bylaw 03-396

11.5 INDUSTRIAL (I) DISTRICT

11.5.1 PURPOSE

The purpose of this District is to provide for industrial uses that require relatively large tracts of unserviced land and are related to natural resource or industrial development.

"INDUSTRIAL LANDFILL" means a site used for the disposal of non-domestic or industrial solid wastes which may not be disposed of at a sanitary landfill and is not intended for use of the public at large. For the purpose of this Bylaw this includes contaminated soil remediation (land farm) operations.

*An Industrial Landfill is a Discretionary Use in the Industrial (I) District.

Schedule 'I' - Dragos Letter



June 5, 2017

Leona Dixon
Development Officer
Municipal District of Greenview No. 16
4806-36 Ave.
Box 1079
Valleyview, Alberta
TOH-3N0

RE: Dragos Energy Corporation

Proposed Dragos Waste Management Facility

LSD: 02-17-066-21W5M

Dear Leona,

Dragos Energy Corporation ("Dragos") is pleased to provide a response to the questions raised during the Municipal District of Greenview No. 16 rezoning application public advertising period for the proposed Alberta Energy Regulator ("AER") regulated Dragos Waste Management Facility ("Facility").

Question #1: Nearby water well concern- how can Dragos be sure the disposal well located at 02-17-066-21-W5M will not affect nearby source water wells?

The facility has several key features that ensure protection of surface run off and groundwater:

Water Run-off Control System

Surface run-off control is a mitigation measure that manages the movement of precipitation (rain water or melt water) that falls onto the facility area.

The proposed facility site is designed to direct and capture precipitation through a combination of surface water drainage ditches/berms and site grading. The drainage ditches will be constructed by excavating channels into native ground, building above-ground containment berms as required, or a combination of the two. These drainage ditches will intercept and convey run-off into the pond.

The AER requires the surface water run-off control system be able to accommodate the volume of water from a 1 in 10 year, 24-hour storm (542.2 m³). The facility pond is sized at 704m³ capable of capturing and holding the volume of precipitation that may potentially fall on the area during a 1-in-25 year 24-hr storm event (668.7m³).

Pump-off requirements

All waters captured within the surface water pond are required be field tested and must meet the AER's release criteria prior to release. The release criteria is provide below

- chloride content: 500 mg/L maximum (i.e. test strips),
- ii) pH: 6.0 to 9.0, (i.e. test strips and/or meter readings),
- iii) no visible hydrocarbon sheen,
- iv) no other chemical contamination,
- v) landowner consent
- vi) water must not be able to flow directly into any watercourse, and
- vii) each release must be recorded including the pre-release test data and the estimated volume of water released,

Any water exceeding the AER's release limit criteria will be transferred to the disposal facility for final treatment and deep well disposal.

Surface Facility Containment and leak detection

The facility containment system consists of truck camlocks with drip trays, the primary containment system of (3 x 750 BBL) produced water tanks, the secondary containment system the tank farm, tank level gauges and high-level tank alarms.

The tank farm is designed to contain 100% of the largest tank plus 10% of the aggregate volume of the other tanks within the tank farm. The tank farm will also consist of a prepared sub-grade, compacted clay, compacted gravel, geotextile, sand, geomembrane liner, crushed gravel, rig matting, graded containment area, and wall. The secondary containment will also have a sump or low point to collect any precipitation and leak detection.

Leak detection at the facility consists of visual leak detection above the liner, and a leak detection system beneath the liners. Leak detection above the liner would consist of daily visual tank checks, checking the low-lying sump for fluid accumulation, and staining/ discoloration within the tank farm. Beneath the liner, a conventional leak detection system consisting of perforated PVC pipes installed beneath the liner at low points of the tank farm.

These leak detection points will be sampled monthly and tested for:

- pH;
- hydrocarbon odour;
- visible oil sheen; and
- chloride content.

They will also be sampled on an annual basis and analyzed for:

- pH
- electrical conductivity (EC);
- major ions (Ca, Mg, Na, K, NO3, SO4, Cl, PO4);
- BTEX and petroleum hydrocarbon fractions F1 and F2; and
- · any other parameters deemed necessary by the AER.

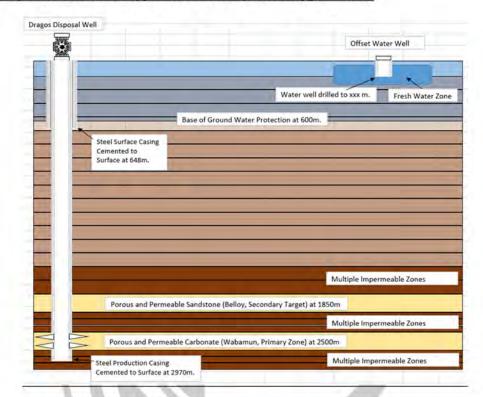
While it is anticipated that any leaks will be detected through the visual leak detection systems because of the design of the tank farm, should any monthly or annual leak detection testing indicate that there may be a leak, the potential source will be investigated in accordance with *Directive 055 Storage Requirements for the Upstream Petroleum Industry*, and reported to the AER within 60 days should it be required.

Groundwater monitoring

The facility is designed with groundwater monitoring wells within the facility boundary. The monitoring occurs in spring and fall of each year, and is used to detect any potential groundwater impacts before off-site contamination occurs.

Groundwater will be sampled and tested for:

- benzene, toluene, ethylbenzene, xylenes (BTEX) and petroleum hydrocarbon fractions F1 and F2 (instead of mineral oil and grease);
- · calcium, magnesium, sodium, potassium, chloride, sulphate, nitrite, nitrate;
- · dissolved metals (instead of total metals);
- electrical conductivity (EC);
- · dissolved organic carbon;
- total dissolved solids;
- · phenols; and
- pH.



The disposal well has several key features that ensure protection of groundwater:

AER (Alberta Energy Regulator) Regulations and testing requirements

The AER regulates the disposal scheme of a disposal well, prior to approval of a disposal scheme application the proponent (Dragos) must conduct stringent review of the area's geology and current and past wells in the area.

Dragos has completed geological discussions and mapping to determine that the
Wabamun and Belloy are good / safe zones for injection and to ensure that fluids injected
will have hydraulic isolation in the intended zones. The AER has reviewed this geology as
part of the licencing process.

The disposal scheme application also includes the following testing: radial bond logging, temperature logging, and a step-rate injectivity test.

Casing inspection and cement bond log – These logs are required to be run prior to being
issued a license to ensure that the casing and cement that we have run has good integrity
and will properly protect upper zones and ground water from contamination.

- Hydraulic Isolation This log is also required to be run prior to receiving a licence. A
 volume of water a certain temperature is injected. Then a temperature log is run. By
 completing this log after injecting temperature controlled water, you can see where the
 water is being injected and confirm that casing, cement, tubing, and packer are providing
 hydraulic isolation to the well
- A step-rate injectivity test was completed on January 22, 2017 and determined the
 fracture pressure of the downhole formation (Wabamum). The AER requires a 10% safety
 factor to the formation fracture pressure, the subsequent MWHIP ensures the
 disposal/injection at this pressure will not fracture the formation
- Tubing and packer 73mm injection tubing along with a 114.3mm packer must be run
 down to within 15m of the injection zone. Pressures above the packer are continuously
 monitored and an annual packer isolation test is required. This provides a 3rd means of
 protection to the wellbore integrity thus ensuring that fluid cannot migrate via the
 wellbore.

Reservoir Containment and Base of Groundwater Protection

Dragos current selected disposal formation is the Wabamun which mostly consists of approximately 133m thick carbonate

While preparing the disposal scheme application to the AER, Dragos confirmed the base of groundwater protection (BGWP) in the area as 27.84 m above sea level which set the BGWP for the area at 600 m.

The nearest disposal zone of well 02-17-066-21 W5M is 2472-2475 mKB, making the base of ground water protection 1794 mKB above the disposal zone.

- Casing and Cement Dragos has provided dual protection to ground water in the form of surface casing (177.8mm casing) which has been cemented from 600m to surface. As well, they have run production casing (114.3mm casing) and cemented it from 3000m to surface. Thus, you can be sure that the well bore will not provide a mean for communication or migration of fluids being injected into the Wabamun formation at 2500m
- Impermeable shale barriers / cap rock between the injection zone at 2500m and ground
 water at 600m, there are multiple layers of impermeable shale and cap rock isolating the
 Wabamun and Belloy injection zones. This means that the fluids injected into these zones
 does not have a permeable pathway to allow fluid to communicate or migrate outside of
 the intended injection zone.

Question #2: What fluids are considered as Class II produced water

As per the AER, Class II fluids include produced water (brine) or brine equivalent fluids and includes:

- · Produced water associated with the recovery of oil, bitumen, gas, or coalbed methane
- · Brine from salt cavern or solution mining operations
- Water-based pigging fluids from cleaning of collection and injection lines
- . Brine reject or backwash from water softeners associated with enhanced recovery
- · Water containing polymers or other chemicals for enhanced recovery
- · Waste fluids from circulation during well cementing
- CaCl2 water

Question #3: Could the produced water be recycled ~ specifically, used for production rather than injected?

It is possible the fluid can be utilized by the producer for an EOR (Enhanced Oil Recovery) application depending on the producer's specific requirements.

Dragos cannot comment on why the producer has solicited a third party disposal company to process and dispose of the Class II fluids.

Dave Schooley
VP Operations & COO
dave.schooley@dragosenergy.com

Main: (403) 269-2459 Cell: (403) 461-1754

Or

Clint Jensen VP Projects clint.jensen@dragosenergy.com

Main: (403) 269-2459

Cell: (403) 519-3497

Schedule 'J' - Bylaw 17-781



BYLAW No. 17-781

OF THE MUNICIPAL DISTRICT OF GREENVIEW NO. 16

A Bylaw of the Municipal District of Greenview No. 16, in the Province of Alberta, to amend Bylaw No. 03-396, being the Land Use Bylaw for the Municipal District of Greenview No. 16

PURSUANT TO Section 692 of the Municipal Government Act, being Chapter M-26, R.S.A. 2000, as Amended, the Council of the Municipal District of Greenview No. 16, duly assembled, enacts as follows:

1. That Map No. 249 in the Land Use Bylaw, being Bylaw No. 03-396, be added to reclassify the following area:

All that Portion of the Southeast (SE) Quarter of Section Seventeen (17) Within Township Sixty-Six (66) Range Twenty-One (21) West of the Fifth Meridian (WSM)

As identified on Schedule "A" attached.

Read a first time this $\underline{11}$ day of \underline{April} , A.D., 2017,	
Read a second time this day of, A.	D., <u>2017</u> .
Read a third time and passed this day of	, A.D., <u>2017</u> .
	REEVE
	N.S. Y

Bylaw 17-781

SCHEDULE "A"

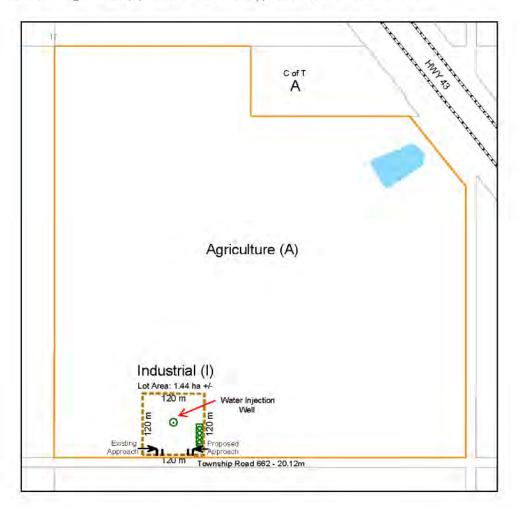
To Bylaw No. 17-781

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

All that Portion of the

Southeast (SE) Quarter of Section Seventeen (17)
Within Township Sixty-Six (66)
Range Twenty-One (21) West of the Fifth Meridian (W5M)

Is reclassified from Agriculture (A) District to Industrial (I) District as identified below:



Bylaw 17-781



REQUEST FOR DECISION

SUBJECT: Bylaw No. 17-782 / A17-008 / W½-33-70-24-W5 / Area Structure Plan

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: SAR DEPARTMENT: PLANNING & DEVELOPMENT GM: GG PRESENTER: LD

RELEVANT LEGISLATION:

Provincial – Municipal Government Act, RSA 2000, c M s. 633 and 692 (1) – (9)

Council Bylaw/Policy – Municipal Development Plan 15-742, s. 10.3.2 and s. 10.3.4; Sturgeon Lake Area Structure Plan 01-344, s. 4.2.2(a), s. 4.2.7, s. 6.2.12 and s. 7.2.2.

RECOMMENDED ACTION:

MOTION: That Council give First Reading to Bylaw No. 17-782, for the Greenview Golf Resort Area Structure Plan.

MOTION: That Council schedule a Public Hearing for Bylaw No. 17-782, to be held on July 11, 2017 for the Greenview Golf Resort Area Structure Plan.

BACKGROUND/PROPOSAL:

Administration has received an Area Structure Plan for the Greenview Golf Resort from ISL Engineering and Land Services, on behalf of the Applicant, as part of a requirement for land use application A16-007. The land use amendment application proposes to re-designate a 3.67 hectares \pm (9.07 acre) area from Recreation (R) District to Country Residential Two (CR-2) District within W½ 33-70-24-W5, in the West Bay of the Sturgeon Lake Area, Ward 7.

An Area Structure Plan (ASP) provides a framework for the subsequent subdivision and development of an area of land within a municipality. An ASP further describes the sequence of development anticipated for the lands, the land uses proposed for the area, and addresses the general location of transportation routes and public utilities. An ASP contains land use and development guidance for the general public, developers, landowners, Municipal Planning Commission members and Council.

Referral comments were received from James Proudfoot, Water Management Technologist with Alberta Environment, recommending due to environmental concerns that a geotechnical investigation and biophysical assessment, as well as an assessment by a Qualified Wetland Science Practitioner pursuant to the Water Act, be obtained. These reports will be requested at the subdivision application stage.

Referral comments were received from East Smoky Gas Co-op commenting that the gas line will need to be relocated and any cost to do so must be borne by the developer. ATCO Electric advised they would be

approaching the landowner for the purpose of acquiring a power line right of way on all facilities directly affected by the subdivision, and will register a caveat.

The Area Structure Plan will be circulated to adjacent landowners within 800 metres of the proposed development for comment.

Administration has reviewed the Greenview Golf Resort Area Structure Plan, and the Plan meets the requirements of the Municipal Government Act and the Municipal Development Plan. Administration is satisfied that the Plan addresses policies for utilities and servicing, transportation networks and the development of country residential lots.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefits of the recommended action are that an Area Structure Plan will ensure that development proceeds in an orderly and economic manner; and that proposed developments will not have negative implications for the municipality, the environment, adjacent landowners or future residents.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. The disadvantage of the recommended action is that the Developer would be required to revert some existing sites in order to meet the density allowances existing within the SLASP.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to pass a motion to give First Reading to Bylaw No. 17-782, as presented.

Alternative #2: Council has the alternative to pass a motion to table Bylaw No. 17-782 for further discussion or information.

Alternative #3: Council has the alternative to defeat Second Reading of Bylaw No. 17-782.

FINANCIAL IMPLICATION:

The Land Use Amendment application fees of \$800.00 have been paid by the landowner for the rezoning application only. Future additional costs for the review of the SLASP is estimated to be substantially greater.

Direct Costs: NA

Ongoing / Future Costs: NA

STAFFING IMPLICATION:

Staff functions associated with the recommended motion are part of Staff's normal anticipated duties.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will notify the landowner of the Council decision.

ATTACHMENT(S):

- Schedule 'A' Greenview Golf Resort Area Structure Plan
- Schedule 'B' Municipal Government Act, s. 633 Area Structure Plans and s. 692(1)-(9) Planning Bylaws
- Schedule 'C' Municipal Development Plan 15-742, s. 10.3.2 Area Structure and Concept Plan Content and s. 10.3.4 Area Structure Plan Content
- Schedule 'D' Sturgeon Lake Area Structure Plan 01-344, s. 4.2.2(a) Residential Development Policies, s. 4.2.7 Residential Development Policies, s. 6.2.12 Environmental Protection Policies and s. 7.2.2 Infrastructure Servicing.
- Schedule 'E' Bylaw No. 17-782 Greenview Golf Resort Area Structure Plan

Schedule 'A' - Greenview Golf Resort Area Structure Plan

MUNICIPAL DISTRICT OF GREENVIEW NO. 16 GREENVIEW GOLF RESORT AREA STRUCTURE PLAN

(DRAFT)

Prepared for:

804183 Alberta Ltd.

Prepared by:



May 2017

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1.0 INTRODUCTION

1.1 Purpose of Plan

This Area Structure Plan ("Plan") has been prepared on behalf of the owners of W½ 33-70-24-W6M. This Plan is required to facilitate the future subdivision and development of the subject site for country residential and recreation purposes.

The primary objective of this Plan is to provide a framework for the development the subject lands for country residential and recreation purposes in a manner that is consistent with the goals, objectives and policies of the Municipal District (MD) of Greenview No. 16, including the Sturgeon Lake Area Structure Plan. This Plan establishes the future land use and circulation patterns proposed for the site.

1.2 Plan Area Location

The land affected by this Plan is located 20 km (13 miles) northwest of the Town of Valleyview, and 2.4 km (1.5 miles) north of Highway 43 adjacent to Sturgeon Lake as shown on Map 1.

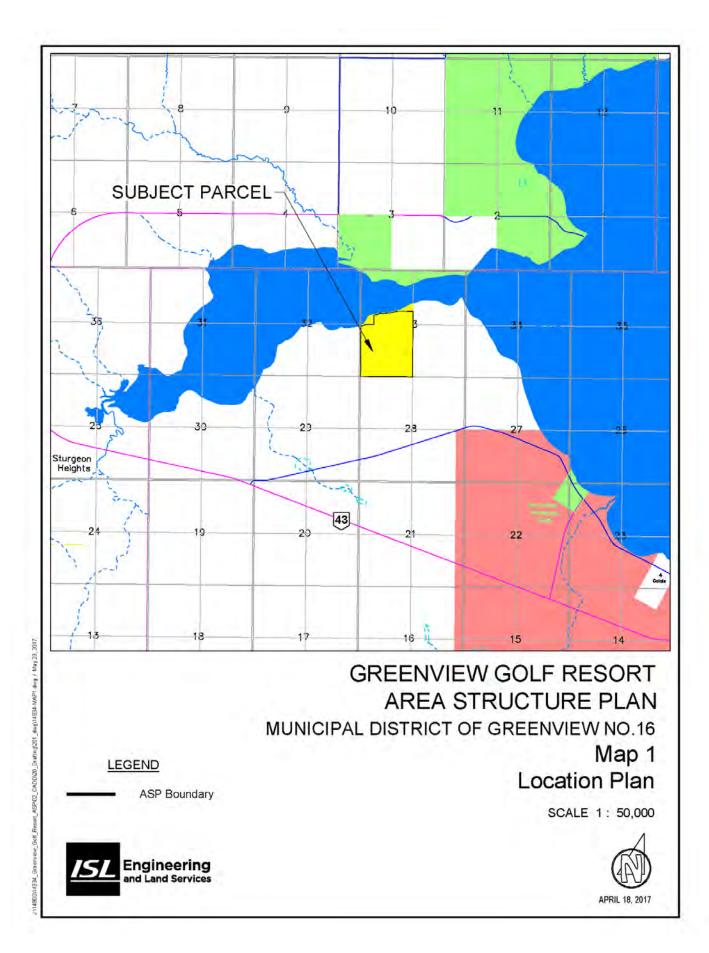
This Plan applies to approximately 85 ha (210 ac) of land, legally described as W½ 33-70-24-W5M. Sturgeon Lake's West Bay bounds the Plan area to the north and Range Road 244 abuts the Plan area to the west as illustrated on Map 2.

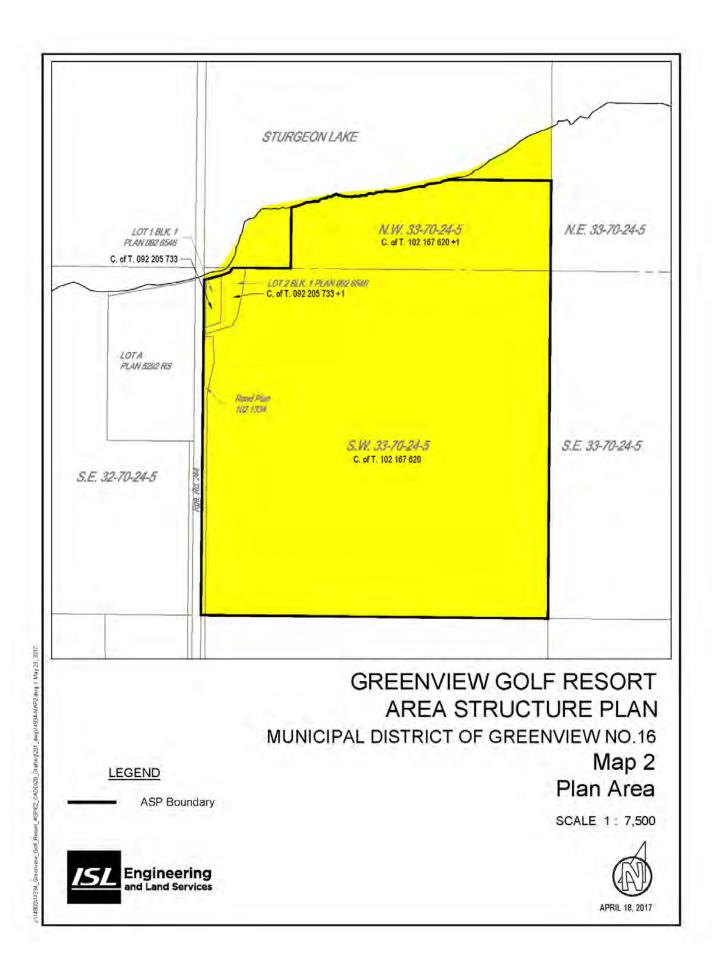
1.3 Ownership and Dispositions

The majority of the subject land is under the ownership of 804183 Alberta Ltd. The SW 33 was previously subdivided to create two country residential lots (Lots 1 and 2, Block 1, Plan 0926546 and associated environmental reserve), and for the widening of Range Road 244. No encumbrances are present on title that negatively affect the future development of the subject lands.

Table 1 - Plan Area Composition

Legal	Owner	Area (ha)
Pt. NW 33-70-24-W5M	804183 Alberta Ltd.	12.50
SW 33-70-24-W5M	804183 Alberta Ltd.	62.35
Lot 1, Block 1, Plan 0926546	Private	0.38
Lot 2, Block 1, Plan 0926546	Private	0.65
Lot 3ER, Block 1, Plan 0926546	MD of Greenview No. 16	0.08
Plan 1021224 (Poad)	MD of Greenview No. 16	0.78
Plan 1021334 (Road)		
Plan 0926546 (Road)	MD of Greenview No. 16	0.06





1.4 Site Characteristics

As illustrated on Map 3, the predominant use in the Plan area is the Greenview Golf Resort. The resort consists of a forested nine-hole golf course on the north half of the site (with land partially cleared for an additional nine holes to the south), and associated improvements such as a clubhouse, maintenance and storage buildings, and a dwelling unit that serves as a caretaker's residence. A recreational vehicle camping area of approximately 90 stalls is located on the west and southwest portions of the site.

Two developed country residential lots are located in the northwest corner of the Plan area.

1.5 Policy and Regulatory Context

- 1.5.1 This Plan has been prepared in accordance with the Municipal Government Act, and the MD's Municipal Development Plan (MDP). The applicable MDP policies are as follows:
 - 1.4.1(b) Greenview shall accommodate growth ... (iv) By promoting and accommodating developments which contribute to a diversification of the area's economy including tourism.
 - 2.7.3 The establishment of privately owned commercial recreation and tourism facilities is encouraged.
 - 4.3.4 In order to protect environmentally sensitive areas ... Greenview shall encourage applicants for subdivision to incorporate cluster design as a means of minimizing potential impacts and promoting efficiency of development.
 - 4.3.5 Greenview shall direct the development of multi-lot country residential subdivisions away from ... (c) Environmentally sensitive lands.
 - 4.3.6 Multi-lot country residential subdivisions shall only be supported if the following conditions are met ... (b) The proposed subdivision is contiguous to other country residential development to encourage cluster development unless it cannot be supported due to environmental constraints ... (g) Significant recreational or environmental areas are not to be negatively impacted.

This Plan meets the intent of these MDP policies, as it promotes economic growth through enhanced tourism opportunities, and facilitates country residential development in an environmentally responsible fashion. This Plan also qualifies as a "Minor ASP" in accordance with Policy 10.3.2 of the MDP.

1.5.2 This Plan is also required to be in accordance with the Sturgeon Lake Area Structure Plan (SLASP) approved in 2002 (Bylaw 01-344). The SLASP establishes a framework for future recreational and residential development in proximity to Sturgeon Lake through the establishment of prescribed density limits within defined Development Areas around the lake. The applicable ASP provisions are as follows:

ISL Engineering and Land Services Ltd. 804183 Alberta Ltd. Page **2** May 2017





ASP Boundary



BUILDING WATER



GRAVEL ROAD/ TRAIL



ASPHALT ROAD OVERHEAD POWER

GREENVIEW GOLF RESORT AREA STRUCTURE PLAN

MUNICIPAL DISTRICT OF GREENVIEW NO.16

Map 3

Existing Conditions

SCALE 1: 7,500



APRIL 18, 2017



- Map 3 W ½ 33 is identified as Development Area within the Primary Zone
- 4.2.2(a) The development capacity for lands contained in the Development Areas shall be based on a density of 13 units per quarter section as listed in Appendix A [W½ 33 has an allocated density of 19 new units] ... A unit is hereby defined as 1 residence or 4 recreation sites. For the purpose of this section, a recreation site is defined as a campsite, a resort cabin, or recreational vehicle stall.
- 4.2.7 New residential subdivisions should be designed in accordance with the following: (a)
 That cluster rather than linear development be encouraged unless site relief or
 topography makes it impractical; (b) That vegetated buffer strips be retained
 between clusters and the lakeshore as per Policy 6.2.12....
- 6.2.12 In the Primary Zone, a treed/vegetated buffer shall be maintained between the lakeshore and any structural developments. Where possible this buffer shall be 61 m (200 ft) in width on the main body of the lake and long watercourses feeding the lake, and 91 m (300 ft) on the West Bay as defined on Map 3.
- 7.2.2 The Municipal District will require developments to provide a holding tank for sewage disposal if the development involves a: (a) subdivision in the Primary Zone; or (b) new development if the proposed sewage system is located within 91 m (300 ft) of the lake; or (c) new development if the proposed sewage system is located within 91 m (300 ft) of any watercourse draining into the lake.

The development form proposed in this Plan meets the design criteria outlined in the SLASP. Any new development in the Plan area will be required to meet the density allocation specified in the SLASP.

1.5.3 The subject lands are currently designated as Recreation (R) District in the Municipal District of Greenview No. 16 Land Use Bylaw, with the exception of two lots zoned as Country Residential 1 (CR-1) adjacent to Range Road 244. In order to facilitate the future development of additional residential lots, the northwest portion of the Plan area is to be rezoned to Country Residential 2 (CR-2).

2.0 DEVELOPMENT CONCEPT

2.1 Land Use

2.1.1 Map 4 illustrates the proposed land use concept for this Plan, and a summary of land uses is provided in Table 2. The estimated net developable area is 75.6 ha.

	_			_
Table	2-	Land	Use	Summary

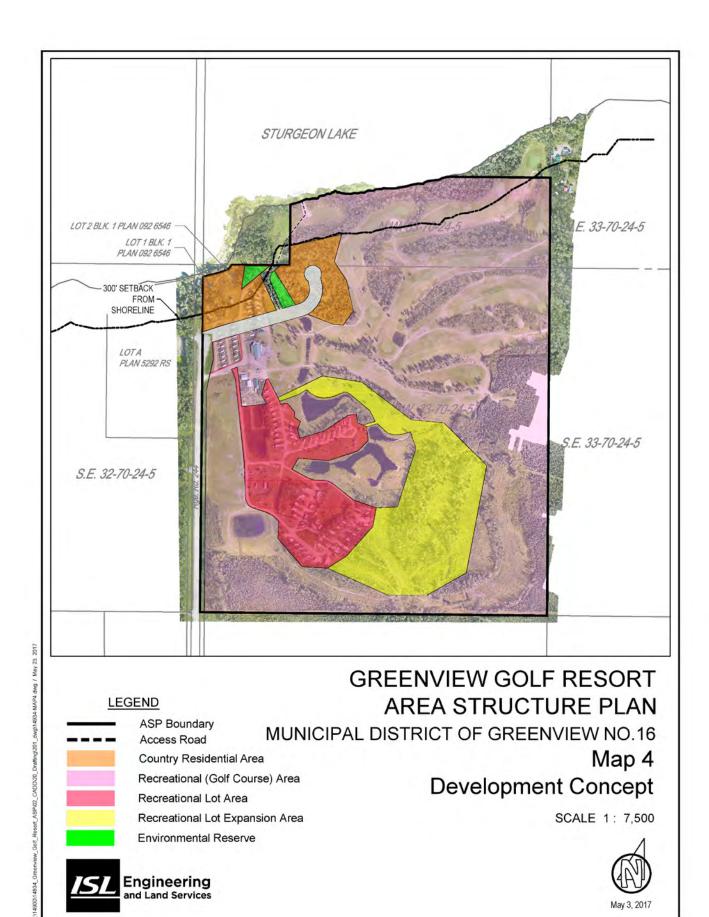
Land Use	Area (ha)	Percent
Gross Area	76.80	
Less Environmental Reserve	0.38	
Less Road Widening	0.84	
Net Developable Area	75.58	100.0
Recreation (Golf Course)	53.84	71.2
Recreation Lot Area	7.57	10.0
Recreation Lot Expansion Area	9.28	12.3
Existing Country Residential (CR1)	1.03	1.4
Future Country Residential (CR2)	2.64	3.5
Public Road	1.03	1.4
Access Right-of-Way	0.19	0.2

- 2.1.2 The predominant use in the Plan area is the Greenview Golf Resort golf course, totaling approximately 53.8 ha. Country residential use and recreational lot development is proposed for the balance of the Plan area.
- 2.1.3 Country Residential development totaling approximately 3.7 ha is proposed for the northwest portion of the Plan area. This consists of two existing country residential lots created in 2009, and potential maximum of 11 additional lots. No new country residential lots will be approved that would result in development that exceeds the density allocation for the Plan area. Approval would only be considered if:
 - There is a corresponding reduction in the number of recreation lots at the time of subdivision approval; and/or
 - b) The proposed development of a parking lot for the golf course results in the removal of existing Recreation Lots¹; and/or
 - A future review and update of the SLASP results in an increased density allotment for the Plan area.

Based on a review of existing conditions, two of the proposed new Country Residential lots and a portion of the internal road are located on the site of 21 existing Recreation Lots. Elimination

ISL Engineering and Land Services Ltd. 804183 Alberta Ltd. Page **4** May 2017

¹ The development of a parking lot at the entrance of the golf course would result in the elimination or reallocation of 12 Recreation Lots.



- of these 21 Recreation Lots due to the proposed subdivision would allow for five new Country Residential lots at the 4:1 ratio under the current SLASP.
- 2.1.4 Recreational Lot development totaling approximately 7.6 ha is located in the westerly portion of the Plan area. Development in this area consists of individual recreational vehicle stalls that are available for seasonal rental. At present, there are 57 Recreation Lots located in this area.
- 2.1.5 The development of additional Recreation Lots may be allowed subject to an increase in density allotment for the Plan area that may result from a future review of the SLASP. In the event that such a density increase is approved, it is proposed that the additional density be directed to the Recreation Lot Expansion Area as illustrated on Map 4.
- 2.1.6 Municipal Reserve (MR) totaling 10% of the net developable area is required by the MD in accordance with the Municipal Government Act to address open space needs in the Plan area. Any MR owing as a result of future country residential subdivision will be determined by the MD's Subdivision Authority at the time of subdivision approval.
- 2.1.6 Environmental Reserve (ER) in the form of two lots totaling 0.38 ha will be dedicated to protect existing woodlands adjacent to Crown land.

2.2 Road Network

- 2.2.1 An internal private road network that connects to Range Road 244 provides access to the Plan area. This network is to be maintained to serve the Recreation Lot area.
- 2.2.2 A new internal road is proposed to serve the new country residential lots discussed in Section 2.1. This access road is to be surveyed out as a public roadway and constructed to MD standards at the time of subdivision.
- 2.2.3 A new right-of-way, required to maintain access to an existing boat dock, will connect at the midpoint of the new public road. An existing easement across abutting Crown land to the north is to be retained.
- 2.2.4 Road widening for Range Road 244 was surveyed in 2010 (Plan 1021334). No additional road widening is required as a result of new development in the Plan area.

2.3 Servicing

2.3.1 All development in the Plan area is to be serviced by on-site water supply and sewage disposal facilities in accordance with provincial standards and the servicing provisions of the SLASP. No municipal services are proposed.

2.4 Shallow Utilities

All shallow utilities (natural gas, power, communications) are to be extended into the Plan area by the individual franchise holders in accordance with the MD's servicing standards.

ISL Engineering and Land Services Ltd. 804183 Alberta Ltd. Page **5** May 2017

3.0 IMPLEMENTATION

3.1 Phasing

It is intended that development be concentrated in the existing developed areas located on the west side of the Plan area. Intensification in these areas will enable the developer to optimize existing roadways and other available infrastructure.

3.2 Zoning

Zoning for the Plan area is a combination of Recreation (R), Country Residential 1 (CR-1), and Country Residential 2 (CR-2) under the MD's Land Use Bylaw. Applications to rezone the subject lands will be submitted to the MD prior to subdivision approval as required.

3.3 Technical Reports

Supporting technical documentation, as determined by the MD, including but not limited to geotechnical assessments, wetland assessments and hydrogeological reports will be submitted with subdivision and/or development permit applications.

Schedule 'B' - Municipal Government Act

Area Structure Plans

Area structure plan

633(1) For the purpose of providing a framework for subsequent subdivision and development of an area of land, a council may by bylaw adopt an area structure plan.

- (2) An area structure plan
 - (a) must describe
 - (i) the sequence of development proposed for the area,
 - (ii) the land uses proposed for the area, either generally or with respect to specific parts of the area,
 - (iii) the density of population proposed for the area either generally or with respect to specific parts of the area, and
 - (iv) the general location of major transportation routes and public utilities,

and

(b) may contain any other matters the council considers necessary.

1995 c24 s95

Planning bylaws

692(1) Before giving second reading to

- (a) a proposed bylaw to adopt an intermunicipal development plan,
- (b) a proposed bylaw to adopt a municipal development plan,
- (c) a proposed bylaw to adopt an area structure plan,
- (d) a proposed bylaw to adopt an area redevelopment plan,
- (e) a proposed land use bylaw, or
- (f) a proposed bylaw amending a statutory plan or land use bylaw referred to in clauses (a) to (e),

a council must hold a public hearing with respect to the proposed bylaw in accordance with section 230 after giving notice of it in accordance with section 606.

- (2) Despite subsection (1), if a proposed development relates to more than one proposed bylaw referred to in subsection (1), the council may hold a single public hearing.
- (3) Despite subsection (1), in the case of a public hearing for a proposed bylaw adopting or amending an intermunicipal development plan,
 - (a) councils may hold a joint public hearing to which section 184 does not apply, and
 - (b) municipalities may act jointly to satisfy the advertising requirements of section 606.

- (4) In the case of an amendment to a land use bylaw to change the district designation of a parcel of land, the municipality must, in addition to the requirements of subsection (1),
 - (a) include in the notice described in section 606(2)
 - the municipal address, if any, and the legal address of the parcel of land, and
 - (ii) a map showing the location of the parcel of land,
 - (b) give written notice containing the information described in clause (a) and in section 606(6) to the assessed owner of that parcel of land at the name and address shown on the assessment roll of the municipality, and
 - (c) give a written notice containing the information described in clause (a) and in section 606(6) to each owner of adjacent land at the name and address shown for each owner on the assessment roll of the municipality.
- (5) If the land referred to in subsection (4)(c) is in another municipality, the written notice must be given to that municipality and to each owner of adjacent land at the name and address shown for each owner on the tax roll of that municipality.
- (6) Despite subsection (1), a bylaw referred to in subsection (1) may be amended without giving notice or holding a public hearing if the amendment corrects clerical, technical, grammatical or typographical errors and does not materially affect the bylaw in principle or substance.
- **(6.1)** Subsection (1)(f) does not apply in respect of a proposed bylaw amending a statutory plan or land use bylaw to specify the purposes of a community services reserve.
- (7) In this section,
 - (a) "adjacent land" means land that is contiguous to the parcel of land that is being redesignated and includes
 - (i) land that would be contiguous if not for a highway, road, river or stream, and
 - (ii) any other land identified in the land use bylaw as adjacent land for the purpose of notifications under this section:
 - (b) "owner" means the person shown as the owner of land on the assessment roll prepared under Part 9.

- (8) If an ALSA regional plan requires a council to pass a bylaw referred to in this section, the council must
 - (a) consider whether, in view of the requirement in the ALSA regional plan, consultation is necessary, desirable or beneficial, and
 - (b) decide whether or not to proceed with consultation.
- (9) If a council decides under subsection (8) that consultation is neither necessary nor desirable or would not be beneficial, subsections (1) to (7) do not apply to the council in respect of the bylaw concerned.

RSA 2000 cM-26 s692;2008 c37 s9;2009 cA-26.8 s83

Schedule 'C' – Municipal Development Plan 15-742

Area Structure Plans and Concept Plans Prepared by Developer 10.3.2

Greenview shall require the adoption of an ASP, prepared in accordance with Section 633 of the Act and Area Structure Plan and Concept Plan Policy 6001, or a Concept Plan prepared in accordance with Area Structure Plan and Concept Plan Policy 6001, prior to the approval of:

- (a) An industrial or commercial subdivision exceeding one (1) lot;
- (b) A country residential subdivision resulting in a cumulative density of four (4) or more lots on the subject quarter section;
- (c) Any multi-lot country residential subdivision or recreational resort located adjacent to a lake or other watercourse; or
- (d) Any subdivision located in proximity to a highway when requested by Alberta Transportation.

A plan prepared under this policy may be referred to as a "Minor" ASP.

Area Structure Plan and Concept Plan Content

10.3.4

The preparation of a Minor ASP or Concept Plan required under Policy 10.3.2 ("Area Structure Plans Prepared by Developer") shall be the responsibility of the developer, based on Terms of Reference prepared by Greenview in accordance with Area Structure Plan and Concept Plan Policy 6001, and should address the following matters to the satisfaction of Greenview:

- (a) Conformity with this MDP, other Statutory Plans, other nonstatutory documents and the LUB;
- (b) Proposed land uses, population and employment projections for those land uses;
- (c) Proposed lot layout and phasing;
- (d) Impacts on adjacent uses, environmentally sensitive areas, and recreational uses, including provision for buffers and development setbacks;
- (e) Proposed methods of water supply, stormwater management and sewage disposal, supported by report requirements contained in Policy 10.3.5 ("Supporting Technical Reports");
- (f) Access point(s) and internal circulation network and impacts on the external existing transportation network;
- (g) Allocation of MR and ER;
- (h) Suitability of the site for development in terms of soil stability, groundwater level, and drainage;
- (i) Confirmation of the location and geographic extent of any environmentally significant areas, environmentally sensitive areas, riparian areas, surface water bodies, forests, wildlife corridors, hazard lands, and historic or archaeological sites. Any detailed scientific or engineering analysis that may be required by Greenview shall be undertaken by qualified technical Professionals with all costs borne by the developer;
- (j) Integration of natural areas into the design of developments to form part of a future linked and integrated parks and open space system, including the retention of forests, wildlife corridors, wetland areas, and the provision of stormwater ponds and parks to form continuous open spaces; and
- (k) Any other matters identified by Greenview.

Schedule 'D' - Sturgeon Lake Structure Plan 01-344

4.2.2 (a) The development capacity for lands contained in the Development Areas shall be based on a density of 13 units per quarter section as listed in Appendix A. A quarter section is hereby defined as 64.7 ha (160 acres). A unit is hereby defined as 1 residence or 4 recreation sites.

For the purpose of this section, a recreation site is defined as a campsite, a resort cabin, or a recreational vehicle stall. A resort cabin is a residential unit with a maximum floor area of 53 m² (576 ft²), is part of a recreational resort development, and is available for rental on a short-term basis.

- 4.2.7 New residential subdivisions should be designed in accordance with the following:
 - a) That cluster rather than linear development be encouraged unless site relief or topography makes it impractical;
 - b) That vegetated buffer strips be retained between clusters and the lake shore as per Policy 6.2.12; and
 - c) That the provision of common docking and boat launching facilities (subject to approval from Alberta Sustainable Resource Development) be encouraged.

The above guidelines are intended to maximize public shoreline access as well as to minimize environmental impacts and servicing costs.

- 6.2.12 In the Primary Zone, a treed/vegetated buffer shall be maintained between the lakeshore and any structural developments. Where possible this buffer shall be 61 m (200 ft) in width on the main body of the lake and along watercourses feeding the lake, and 91 m (300 ft) on the West Bay as defined on Map 3.
- 7.2.2 The Municipal District will require developments to provide a holding tank for sewage disposal if the development involves a:
 - a) subdivision in the Primary Zone; or
 - b) new development if the proposed sewage system is located within 91 m (300 ft) of the lake; or
 - c) new development if the proposed sewage system is located within 91 m (300 ft) of any watercourse draining into the lake.

It is intended that these tanks be pumped out regularly and trucked to the Sturgeon Heights lagoon for disposal. Surface discharges and other systems may be permitted elsewhere in the Plan area provided that they conform to Provincial standards.

Schedule 'E' - Bylaw No. 17-782 - Greenview Golf Resort Area Structure Plan



BYLAW No. 17-782 Of the Municipal District of Greenview No. 16

A Bylaw of the Municipal District of Greenview No. 16, in the Province of Alberta, for adopting Bylaw 17-782, being the Greenview Golf Resort Area Structure Plan.

Whereas, it is deemed advisable to adopt the Greenview Golf Resort Area Structure Plan;

Therefore, the Council of the Municipal District of Greenview No. 16, duly assembled, hereby enacts the following:

- 1. That Bylaw 17-782 is to be cited as the 'Greenview Golf Resort Area Structure Plan'.
 - 2. That the Greenview Golf Resort Area Structure Plan, attached hereto as Schedule A, is hereby adopted.
 - 3. That this Bylaw shall come into effect up the date of the final passage thereof.

Read a first time this day of June, A.D., 2017.	
Read a second time this day of, A.D., 2017.	
Read a third time and passed this day of , A.D.	., 2017.
	REEVE
	CHIEF ADMINISTRATIVE OFFICER

Greenview, Alberta 1



BYLAW No. 17-782 Of the Municipal District of Greenview No. 16

A Bylaw of the Municipal District of Greenview No. 16, in the Province of Alberta, for adopting Bylaw 17-782, being the Greenview Golf Resort Area Structure Plan.

Whereas, it is deemed advisable to adopt the Greenview Golf Resort Area Structure Plan;

Therefore, the Council of the Municipal District of Greenview No. 16, duly assembled, hereby enacts the following:

- 1. That Bylaw 17-782 is to be cited as the 'Greenview Golf Resort Area Structure Plan'.
- 2. That the Greenview Golf Resort Area Structure Plan, attached hereto as Schedule A, is hereby adopted.
- 3. That this Bylaw shall come into effect up the date of the final passage thereof.

Read a first time this day of June, A.D., 2017.
Read a second time this day of, A.D., 2017.
Read a third time and passed this day of , A.D., 2017.
REEVE
CHIEF ADMINISTRATIVE OFFICER



REQUEST FOR DECISION

SUBJECT: Schedule of Fees Bylaw

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER:

DEPARTMENT: INFRASTRUCTURE & PLANNING GM: GG PRESENTER: GG

RELEVANT LEGISLATION:

Provincial (cite) - N/A

Council Bylaw/Policy (cite) - Schedule of Fees Bylaw

RECOMMENDED ACTION:

MOTION: That Council give first reading to Bylaw 17-784 Schedule of Fees Bylaw.

BACKGROUND/PROPOSAL:

At the regular scheduled Council meeting on May 23rd Council tabled this RFD with *MOTION: 17.05.203.* That Council table the revised 2017 Schedule of Fees Bylaw 12-673 until the June 13th, 2017 Council Meeting.

Each year, Greenview department managers review the Schedule of Fees Bylaw for modifications or additions needed to the Schedule of Fees. Infrastructure & Planning is requesting Council's approval early this year, due to the changes in the process when dealing with the access approach installations located inside Greenview's Right of Ways. This process does not pertain to multi lot subdivisions, those are handled through a Developer's Agreement.

Agriculture Services has provided additional rental equipment in **Schedule "D"** of the Schedule of Fees for Council's review.

Listed below are Infrastructure & Planning's suggested modifications and additions to the schedule of Fees. These changes are also provided for Council's review within the attached document.

Approaches

Section 15(a) Approach Application fee (non-refundable). The rational to increase the application fee will help offset the cost of creating the estimate for the applicant.

Section 15(b) Gravel Approach. \$2,000.00

Section 15(c) Paved Approach. \$5,000.00

Section 15(d) Relocation/Upgrade. \$2,500.00 relocation and upgrades are new approaches that have an extra \$500.00 attached for additional time spent onsite by the contractor to decommission the old approach for relocation and/or remove existing to upgrade.

Land Acquisition

Section 21(b) Right-of-Way from properties over 40 acres. The rational to increase the price per acre for properties over 40 acres will help negotiations while requesting to purchase Right of Way for needed road widening. **The suggested increase will change all related parcel sizes within Schedule (E).** Upward of \$600.00 per acre.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of Council adopting the revised 2017 Schedule of Fees Bylaw 12-673 is that it will allow Administration to implement the suggested additions to the Schedule of Fees Bylaw.

DISADVANTAGES OF THE RECOMMENDED ACTION:

 The disadvantage of Council adopting the revised 2017 Schedule of Fees Bylaw 12-673 is that the Schedule of Fees may need to come back for Councils approval for any additional suggested changes from Planning & Development.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to table the Motion until Planning & Development has introduced their modifications to the Bylaw.

FINANCIAL IMPLICATION:

Direct Costs: No direct costs associated from the recommendation.

Ongoing / Future Costs: No ongoing or future costs associated from the recommendation.

STAFFING IMPLICATION:

No additional staffing from the recommendation.

PUBLIC ENGAGEMENT LEVEL:

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will advertise the revised Schedule of Fees Bylaw where applicable.

ATTACHMENT(S):

• Schedule of Fees Bylaw 12-673

(IMPOSED BY BYLAW NO. 12-673)

Amended:

The amount which the Municipal District of Greenview No. 16 may charge for the supply of information, goods and services, shall be the amounts set out opposite the section number and/or description below, plus Goods and Services Tax where applicable:

SECTION		DESCRIPTION	FEE IN \$
1 (a)	Ε	Tax certificate to registered landowner	N/C
1 (b)	Ε	Tax certificate to others per roll number	\$ 50.00
1 (c)	Ε	Tax Search to others per roll number	\$ 50.00
1 (d)	E	Online Tax Certificate to others	\$ 25.00
1 (e)	E	Online Tax Search	\$ 15.00
2 (a)	Ε	Assessment record to landowner per roll number	\$ 5.00
2 (b)	E	Assessment record to others per roll number	\$ 10.00
3		Planning & Development:	
3 (a)	Ε	Certificate of Compliance	\$ 100.00
3 (b)	E	Development Permit Applications, \$50 per \$100,000 or portion thereof	\$ 50.00
3 (c)	Ε	Development Appeal Fee (refundable if successful)	\$ 500.00
3 (d)	Ε	Land Use Bylaw Amendment Application	\$ 800.00
3 (e)	Ε	Subdivision Applications, first parcel out	\$ 450.00
3 (f)	Ε	 each additional parcel created 	\$ 150.00
3 (g)	Ε	Subdivision Endorsement Fees, per Title Created	\$ 150.00
3 (h)	Ε	Subdivision Appeal Fee (refundable if successful)	\$ 500.00
3 (i)	Ε	Business License Fee - new application	\$ 20.00
3 (j)	E	Business License Fee - annual renewal	\$ 10.00
		Development Permit Fees (Section 3 (k) to 3 (s): If construction commences before obtaining a Development Permit the following fees shall be applied:	
3 (k)	E	Single Family Dwellings/Manufactured Homes & accessory buildings or structures. Floor Area: Equal to or greater than 1076 sq. ft. (Per Permit)	\$ 1,000.00
3 (I)	E	Multiple Residential (Per Unit)	\$ 1,000.00
3 (m)	Ε	Minor Home Occupations (Per Permit)	\$ 200.00
3 (n)	Ε	Major Home Occupations (Per Permit)	\$ 5,000.00
3 (o)	Ε	Commercial (Per Permit)	\$ 5,000.00
3 (p)	Ε	Industrial (Per Permit)	\$ 5,000.00
3 (q)	Ε	Signs (Per Permit)	\$ 500.00
3 (r)	Ε	Accessory Buildings, detached garages & structures Floor Area:	
		Less Than: 225 sq. ft. (Per Permit)	\$ 100.00
3 (s)	E	Accessory Buildings, detached garages & structures Floor Area:	
		Greater Than: 225 sq. ft. (Per Permit)	\$ 1,000.00

E= Exempt from Goods & Services Tax.

T = Tax Applicable; charge G.S.T. over and above the price shown.

(IMPOSED BY BYLAW NO. 12-673)

Amended:		(IIVII OSED DI DIEAW NO. 12 0/3)	
3 (s)	E	Rural Addressing Signage New/ Replacement (Per Sign)	\$ 50.00
3 (t)	E	Individual Lot Sign (Per Sign)	\$ 50.00
3 (u)	E	Large Address Sign with address Tab for Subdivisions of 4 lots or	\$ 800.00
3 (u)	_	greater (Per Sign)	\$ 000.00
		greater (Fer Sign)	
4 (a)	Е	Tax Notification Charges	\$ 75.00
		· ·	
5		Photocopying	
5 (a)	Т	Tax, Utilities, and other documents, per page	0.50
5 (b)	Т	Minutes or Bylaws, per page	\$ 1.00
6	Т	Documents:	
6 (a)	Т	Planning or otherwise, any size	\$ 10.00
6 (b)	Т	Faxed Copies, per page (incoming/outgoing)	\$ 1.00
6 (c)	Т	Access to Information (FOIP), Research - per hour	\$ 25.00
7 (a)	Ε	N.S.F. cheques or closed account cheques	\$ 50.00
8		Maps and Photos:	
8(a)	T	- Ortho Printing and Plotting - refer to Schedule "A" attached	
8(b)	E	- GIS Maps - refer to Schedule "B" attached	
8(c)	Т	- Cadastral Maps - refer to Schedule "C" attached	
	Т	Picnic Tables:	
8(d)	T	- Non-profit organizations - community event	no charge
8(e)		- Private affair, non-public event - \$10 per table per day up to	\$100.00/day
		maximum of 10 days	
8(f)	Е	- Delivery charge, per loaded kilometer	\$ 2.00/km
		Barbecue:	
8 (g)		- Non-profit organizations - community event	no charge
8 (h)		- Private affair, non-public event - \$100 per day, up to maximum	\$100.00 / day
		of	
8 (i)		Deposit (all organizations) (Motion #04.08.278)	\$ 200.00
8 (j)		Delivery charge, per loaded kilometer	\$ 2.00
9		Road Allowance Permit License	
9 (a)	E	Road Allowance License, application fee	\$ 100.00
		plus advertising costs, plus per quarter section or portion	
		thereof, per year:	\$ 10.00
10		Road Closure	A
10 (a)		Application Fee	\$ 1,500.00
10 (b)		Sale of Road Allowance for the purpose of road closure. As	Fair Market
		determined by Accurate Assessment.	Value

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E= Exempt from Goods & Services Tax.

(IMPOSED BY BYLAW NO. 12-673)

nended:			
11		Snowplowing Signs;	
11(a)	Т	Any driveway beyond 400 meters shall be invoiced \$30.00 plus	\$50.00
		\$100.00 per hour for time over the first ½ hour.	\$ 30.00
11(b)	Т	Lost or replacement signs, each	\$ 30.00
12	Т	Culverts - used or salvaged	
12(a)		- 500 mm or less, per meter	\$ 13.00
12(b)		- 600 mm, per meter	\$ 15.00
12(c)		- 700 mm, per meter	\$ 16.00
12(d)		- 800 mm, per meter	\$ 25.00
12(e)		- 900 mm, per meter	\$ 28.00
12(f)		- 1000 mm, per meter	\$ 29.00
12(g)		- 1200 mm or greater, per meter	\$ 30.00
13	Т	Grader blades, used, each	\$ 5.00
14		Dust Control	
14(a)	E	Dust Control (set annually), per application of calcium product –	
		for residents and landowners / per 200 meters / plus \$5.35/m	\$ 150.00
		sections over 200 m	/200m
		(up to April 15 th each year)	•
14(b)		Dust Control (set annually), per application of calcium product –	\$ 100.00/
(-)		for multi-parcel subdivisions:	100m
14(c)	Е	Dust Control (set annually), per application of calcium product –	
(-7		for <i>industrial and road use agreement holders</i> per 300 meters/	\$ 1605.00
		plus \$5.50 /m sections over 300 m	/300 m
		(up to April 15 th each year)	,
		(up to 7.p.m.25 cush year)	
15		Approaches	
15(a)	E	Private Approach, Construction Application Request fee (non-	\$175.00 \$100.
20(0)		refundable)	/per approach
		Subdivision Approach Security Deposit(s) will be established by	/ per approach
		the approach installation estimate. Any unused security deposit	
		will be refunded back to the applicant within 30 days of last	
		dated invoice.:	
15(b)		Gravel Approach	\$ 8,000.00
13(0)		Graver Approach	\$2,000.00
15/c\		Asphalt Approach	\$2,000.00 \$ 12,000.0
15(c) <u> </u>		Aspilait Approacti	\$5,000.00
15/4\15		Polocation/Ungrado Approach	
15(d) 15 16		Relocation/Upgrade Approach Inspections	\$2,500.00
	г	•	¢ 100 00
16(a)	E	Seismic pre-inspections, per occurrence	\$ 100.00
16(b)	E	Seismic post-inspections, per occurrence	\$ 100.00
16(c)	E	Seismic non-compliance, per inspection	\$ 100.00

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 $\mbox{E= Exempt from Goods \& Services Tax.} \\$

 $\ensuremath{\mathsf{T}}$ = Tax Applicable; charge G.S.T. over and above the price shown.

(IMPOSED BY BYLAW NO. 12-673)

Amended:		(com =,	
17	-	Road Ban	64 425 00/1
17 (a)	E	Overload Road Ban Fees (non-refundable payment)	\$1,125.00/km
17(b)		Plus Security Deposit (refundable subject to final inspections) Fixed Fee for the TRAVIS MJ Permitting System	\$6,375.00/km
17(c)		Fixed Fee for the TRAVIS MJ Permitting System	\$ 15.00 per
			permit
18		Haying or Pasturing Permits	
18(a)		Application fee	\$ 100.00
18(b)		plus per acre charge (per year)	+ \$ 15.00
19		Community Aggregate	
19(a)	E	Community Aggregate Payment Levy, per tonne	0.25
20		Agricultural Rental Equipment - as per attached Schedule "D" / Rental Equipment Listing	
-20(a)	Ŧ	Weeds of the West Book	\$ 32.79
20(ab)	Т	Guide to Crop Protection - Chemical/Cultural	\$ 12.00
20(be)	T	Weed Seedling Guide	\$ 10.00
20(c d)	T	Nutrition and Feeding Management for Horse Owners	\$ 20.00
20(d e)	Т	Horse Health	\$ 15.00
21	Т	Land Acquisition	
21(a)	T	Right of Way from properties up to 40 acres – See Schedule "E"	
21(b)	T	Right of Way from properties over 40 acres	1,800.00 \$2,
. ,			400 /acre
21(c)	Т	Right - of-Way: from properties minimum payment, per	\$ 150.00
		occurrence	
21(d)		On parcels more than 40 acres, where an existing residence is on	\$ 3,000/acre
		the property, for up to 50 meters each side of the residential	
21/2)	+	driveway	ć 1 00 / m 3
21(e)	T	Borrow Pit Acquisition	\$ 1.00/ m ³
22	Т	Fencing:	
22(a)	T	Removal of old fence by landowner	\$ 2,000/mile
(-,			(1,250/km)
22(b)	Т	Removal of old fence by M.D. without replacement	\$ 1,000/mile
			(625/km)
22(c)	Т	Replacement of old fence by landowner with MD supplying	\$ 4,000/mile
		material	(2,500/km)
22(d)	Т	Replacement of old fence by landowner including labour and	\$ 8,000/mile
		materials	(5,000/km)
22(e)	Т	Replacement of old fence by M.D.	No
			Compensation
23		Home Support	

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E= Exempt from Goods & Services Tax.

(IMPOSED BY BYLAW NO. 12-673)

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Amended: 23(a)	E	*This fee can be varied as evaluated and approved by the FCSS Manager.	\$ 20.00 *
24	Ε	Adult Wolf Carcass	\$ 300.00
25		Spray Exemption Signs	
25(a)	Ţ	Spray Exemption Signs (One-time fee only)	Free
25(b)	Т	Lost or Replacement Signs, each	\$ 30.00



(IMPOSED BY BYLAW NO. 12-673)

Amended:

SCHEDULE "A" ORTHO PRINTING & PLOTTING PRICING

Based on size and quality of paper, image and graphics.

Standard Laser, Black & White - Letter size 8 ½" x 11" graphics 8 ½" x 11" photo 8 ½" x 11" photo and graphics	\$ 3 residents, \$5 non-residential \$ 3 residents, \$ 5 non-residential \$ 3 residents, \$ 5 non-residential
Color Laser - Letter size 8½" x 11" colour graphics 8½" x 11" photo 8½" x 11" photo, colour graphics	\$ 5 residents, \$10 non-residential \$ 5 residents, \$10 non-residential \$ 5 residents, \$10 non-residential
Plotter on High Quality Paper - Letter size (ANSI A) 8 ½" x 11" colour graphics 8 ½" x 11" photo, B/W 8 ½" x 11" photo, colour graphics includes names, land parcels, rivers, lakes, streams, roads	\$ 5 residence, \$10 non-residence \$ 5 residence, \$10 non-residence \$10 residence, \$15 non-residence s, contours
Plotter on High Quality Paper - Ledger Paper (ANSI B) 11" x 17" colour graphics 11" x 17" photo 11" x 17" photo colour graphics	\$15 residence, \$20 non-residence \$15 residence, \$20 non-residence \$20 residence, \$25 non-residence
Plotter on High Quality Paper - Small Plot (ANSI C) 17" x 22" colour graphics 17" x 22" photo 17" x 22" photo colour graphics	\$15 residence, \$20 non-residence \$20 residence, \$25 non-residence \$25 residence, \$35 non-residence
Plotter on High Quality Paper - Medium Plot (ANSI D) 22" x 34" colour graphics 22" x 34" photo 22" x 34" photo colour graphics	\$20 residence, \$30 non-residence \$25 residence, \$30 non-residence \$35 residence, \$45 non-residence
Plotter on High Quality Paper - Medium Plot (ANSI E) 22" x 34" colour graphics 22" x 34" photo 22" x 34" photo colour graphics	\$20 residence, \$30 non-residence \$25 residence, \$30 non-residence \$35 residence, \$45 non-residence
Plotter on High Quality Paper - Medium Plot (ANSI F) 28" x 40" colour graphics 28" x 40" photo 28" x 40" photo colour graphics	\$35 residence, \$45 non-residence \$45 residence, \$65 non-residence \$55 residence, \$85 non-residence

E= Exempt from Goods & Services Tax.

(IMPOSED BY BYLAW NO. 12-673)

Amended:

SCHEDULE "B"

GIS MAP PRICING

	Per Township	AltaLIS	Per
		License	Layer
Photo	End User License from Municipality/Tarin Ortho Imagery (Air Photos)		\$ 400.00
AltaLIS 1:5K	End user License from AltaLIS Cadastre	\$ 200.00	\$ 250
1:20 K	ATS Grid (Township, Range & Sections Grids)	\$ 16	\$ 30
	Hydrography (rivers, lakes)	\$ 16	\$ 30
	Transportation (roads)	\$ 16	\$ 30
	Geo-Administrative (Town boundaries, etc.)	\$ 16	\$ 350
	Contours (elevations)	\$ 20	\$ 35
Muni	End User License from Municipality Farmland Polygons Improvement Points Industrial Data Digital Pictures of Improvements		\$ 50 \$ 40 \$ 40 \$ 30
EUB	End user License from Insight Wells Well Production Pipeline Facilities (Gas Plants)		\$ 40 \$ 40 \$ 50 \$ 30
Lease	End user License from Municipality Disposition (land Leased from Crown)		\$ 800
	TOTALS Per Township		\$ 1,925

There will be a processing charge of \$75.00

Above prices include G.S.T.

E= Exempt from Goods & Services Tax.

(IMPOSED BY BYLAW NO. 12-673)

Amended:

SCHEDULE "C"

CADASTRAL MAP PRICING

Base Maps		Legal / Roads	/ Lakes / Rivers	/ Subdivisions	/ Contours
Format		Single License	Key Map	Per Sheet	Bundle (8)
Hardcopy			\$ 25	\$ 20	\$ 75
Digital (Pdf)	No printing privileges	View Only	\$ 30	\$ 20	\$ 150
Digital (Pdf)	With printing privileges	View Only	\$ 50	\$ 30	\$ 200
Ownership Maps		-	s / Lakes / River es / Map Points		
Format		Single License	Key Map	Per Sheet	Bundle (4)
Hardcopy			\$ 25	\$ 20	\$ 90
Digital (Pdf)	No printing privileges	View Only	\$ 30	\$ 30	\$ 100
Digital (Pdf)	With printing privileges	View Only	\$ 50	\$ 50	\$ 150
Oil and Gas Wells		Legal / Roads / Lakes / Rivers / Subdivisions / Parcels / Well and Facility Location / Status / Operator			
Format		Single License	Key Map	Per Sheet	Bundle (8)
Hardcopy			\$ 25	\$ 50	\$ 300
Digital (Pdf)	No printing privileges	View Only	\$ 30	\$ 70	\$ 400
Digital (Pdf)	With printing privileges	View Only	\$ 50	\$ 100	\$ 600
Oil and Gas Wells / Pipeline Legal / Roads / Lakes / Rivers / Subdivisions / Parc Well, Facility & Pipeline Location / Status / Opera					
Format		Single License	Кеу Мар	Per Sheet	Bundle (8)
Hardcopy			\$ 25	\$ 300	\$ 1,000
Digital (Pdf)	No printing privileges	View Only	\$ 30	\$ 350	\$ 1,200
Digital (Pdf)	With printing privileges	View Only	\$ 50	\$ 500	\$ 1,500

E= Exempt from Goods & Services Tax.

(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

SCHEDULE "D" RENTAL EQUIPMENT PRICING

Equipment Type	Location	2016 Schedule	Other Regulations
		of Fees	

WEED & INSECT CONTROL EQUIPMENT			
FIELD SPRAYER c/w GPS	All Location	\$ 50.00 + G.S.T. Each Day (3 Days	
	7 20 ca c. o	Maximum if Lineup)	
BOOMLESS SPRAYERS	Valleyview	\$ 20.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
WATER TANK ON TRAILER (FOR SPRAYING)	Valleyview	\$ 25.00 + G.S.T. Each Day (3 Days	
	Grovedale	Maximum if Lineup)	
ESTATE SPRAYER-(PULL TYPE)	All Locations	\$ 20.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
ESTATE SPRAYER (3 POINT HITCH)	Valleyview	\$ 20.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
QUAD WICK APPLICATOR	All Locations	\$ 10.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
QUAD MOUNT SPRAYER	All Locations	\$ 10.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
BACKPACK SPRAYER	All Locations	\$ 5.00 + G.S.T. Each Day (3 Days Maximum	
15 Liter		if Lineup)	
HAND WICK APPLICATOR	All Locations	Free First 3 Days, \$ 5.00 + G.S.T. Each	
Holds 600 ml.		Additional Day.	
		(3 Days Maximum if Lineup)	
GRANULAR PESTICIDE BAIT APPLICATOR	Valleyview	\$ 30.00 + G.S.T. Each Day (3 Days	
Holds 135 lbs. Bran		Maximum if Lineup)	

SPREADERS		
MANURE SPREADER	Valleyview	\$ 200.00 + G.S.T. Each Day (3 Days
	Grovedale	Maximum if Lineup)
FERTILIZER SPREADER	Valleyview	\$ 100.00 + G.S.T. Each Day (3 Days
		Maximum if Lineup)

(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

SCHEDULE "D"

Equipment Type	Location	2016 Schedule of	Other Regulations
		Fees	

EARTH MOVING EQUIPMENT			
1000 EARTH MOVER	Valleyview	\$ 200.00 + G.S.T. Each Day (3 Days	
	Crooked	Maximum if Lineup)	
	Creek		
900 EARTH MOVER	Grovedale	\$ 150.00 + G.S.T. Each Day (3 Days Maximum if Lineup)	
425 EARTH MOVER	Grovedale	\$ 100.00 + G.S.T. Each Day (3 Days Maximum if Lineup)	
12' PULL-TYPE BLADE	Valleyview	\$ 50.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
VEE DITCHER	Valleyview	\$ 50.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	

POST POUNDERS		
POST POUNDER	All Location	\$ 125.00 + G.S.T. Each Day (3 Days Maximum if Lineup) (1/2 Day Rental Available)

BIN CRANE			
BIN CRANE	Valleyview	\$ 100.00 + G.S.T. Each Day (3 Days	
	Grovedale	Maximum if Lineup)	

CATTLE EQUIPMENT			
CATTLE SQUEEZE	All Locations	\$ 25.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
LOADING CHUTE	All Locations	\$ 25.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
PANEL TRAILER	Valleyview	\$ 25.00 + G.S.T. Each Day (3 Days Maximum	
	Grovedale	if Lineup)	
SPARE PANELS	Crooked	Free First 3 Days, \$ 5.00 + G.S.T. Each	
	Creek	Additional Day	
	Grovedale		
DEHORNERS GOUGERS	Valleyview	Free First 3 Days, \$ 5.00 + G.S.T. Each	
BURDIZZO CLAMPS		Additional Day	
TAG READER	Valleyview	Free, \$ 100 Deposit Required. (3 Days	
		Maximum if Lineup)	

(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

SCHEDULE "D"

Equipment Type	Location	2016 Schedule of	Other Regulations
		Fees	

CONSERVATION EQUIPMENT			
50' HEAVY HARROW WITH GRANULAR Valleyview \$ 150.00 + G.S.T. Each Day (3 Days		\$ 150.00 + G.S.T. Each Day (3 Days	
APPLICATOR		Maximum if Lineup)	
33' HEAVY HARROW WITH GRANULAR	Grovedale	\$ 150.00 + G.S.T. Each Day (3 Days	
APPLICATOR		Maximum if Lineup)	
30' LAND ROLLER	Valleyview	\$ 200.00 + G.S.T. Each Day (3 Days	
	Grovedale	Maximum if Lineup)	
14' DISC	Grovedale	\$ 400.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	

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BROADCAST SEEDERS			
TRUCK MOUNT SEEDER	Valleyview	\$ 10.00 + G.S.T. Each Day (3 Days Maximum if Lineup)	
QUAD MOUNT SEEDER	Valleyview	\$ 10.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
HAND SEEDER	Valleyview	Free First 3 Days, \$5.00 + G.S.T. Each Additional Day	

WATER PUMPING EQUIPMENT			
WATER PUMP AND PIPE TRAILER - AB.	Valleyview	\$ 250.00 + G.S.T Each Day (3 Days Maximum	
Agriculture Unit		if Lineup)	

MISCELLANEOUS EQUIPMENT			
BAG ROLLER	Valleyview	\$ 125.00 + G.S.T. Each Day (3 Days	
		Maximum if Lineup)	
SURVEY EQUIPMENT	Valleyview	\$ 10.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
METAL DETECTOR	Valleyview	\$ 10.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
HAY SAMPLER, MEASURING WHEEL,	Valleyview	Free First 3 Days, \$ 5.00 + G.S.T. Each	
BIN PROBE, SOIL SAMPLER		Additional Day	
SCARE CANNONS	Valleyview	Free First 3 Days, \$ 5.00 + G.S.T. Each	
		Additional Day	
RODENT TRAPS (TWO STYLES)	Valleyview	\$ 10.00 + G.S.T. Each Day (3 Days Maximum	
		if Lineup)	
		(\$ 100.00 DEPOSIT REQUIRED)	
No Till Drill	Valleyview	\$150.00 + G.S.T. Each Day (3 day max if	
		lineup)	

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(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

Alliellueu.			
Grain Vacuum	Valleyview	\$50.00 + G.S.T. Each Day (3 day max if	
		lineup)	
Bale Wagon	Valleyview	\$150.00 + G.S.T. Each Day (3 day max if	
		lineup)	

SCHEDULE "D"

Equipment Type	Location	2016 Schedule of	Other Regulations
		Fees	

RECOVERY OF A.S.B. EQUIPMENT	
MINIMUM ONE HOUR CHARGE FOR RECOVERY O	OF EQUIPMENT
RECOVERY OF RENTAL EQUIPMENT REQUIRING 1-TON MIN. FOR TRANSPORT	\$ 100.00 /hr + G.S.T.
RECOVERY OF RENTAL EQUIPMENT REQUIRING VEHICLE UNDER 1- TON FOR TRANSPORT	\$ 75.00 /hr + G.S.T.
CLEANING (WHEN EQUIPMENT IS RETURNED UNCLEAN)	\$ 60.00 /hr + G.S.T.

All decisions being at the Agricultural Fieldsman's discretion

(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

SCHEDULE "E"

VALLEYVIEW AREA

Owner Parcel Size in Acres	RIGHT OF WAY FOR PROPERTIES UP TO 40 ACRES						
	Phase 1		Phase 2		Phase 3	Phase 4	Phase 5
0-1	\$ 24,000-30,000	\$	22,000- 22,600	\$	16,000-16,600	\$ 13,000 13,600	\$ 12,000 12,600
1-3	\$ 12,000 12,600	\$	11,400-12,000	\$	8,150- 8,750	\$ 6,750 7,350	\$ 6,675- 7,275
3-5	\$ 8,300 -8,900	\$	8,000- 8,600	\$	5,700-6,300	\$ 4 ,700-5 ,300	\$ 4 ,650-5 ,250
5-10	\$ 5,500 -6,100	\$	5,250- 5,850	\$	3,750-4,350	\$ 3,100 3,700	\$ 3,050-3,650
10-20	\$ 3,300 3,900	\$	3,200- 3,900	\$	2,250- 2,850	\$ 2,100-2,700	\$ 2,000 2,600
20-30	\$ 2,200 -2,800	\$	2,150- 2,750	\$	2,100- 2,700	\$ 2,000- 2,600	\$ 1,950 2,550
30-40	\$ 1,900 -2,500	\$	1,900- 2,500	\$	1,900 2,500	\$ 1,900-2,500	\$-1,900-2,500
40+	\$ 1,800- 2,400	\$	1,800-2,400	\$	1,800- 2,400	\$ -1,800-2,400	\$-1,800-2,400

Commented [LT1]: Updated all amounts increased by \$600.00

DEBOLT AREA

-							
Owner Parcel Size in Acres	RIGHT OF WAY FOR PROPERTIES UP TO 40 ACRES						
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5		
0-1	\$ 40,000-40,600	36,000-36,600	\$ 32,000-32,600	\$ 24,000 24,600	\$ 16,000 16,600		
1-3	\$ 20,000 20,600	18,000-18,600	\$ 15,800-16,400	\$ 12,000 - 12,600	\$ 8,000 8,600		
3-5	\$ 14,150 14,750	12,650 13,250	\$ 11,000-11,600	\$ 8,450 9,050	\$ 5,600 6,200		
5-10	\$ 9,300 9,900	8,300-8,900	\$ 7,250 7,850	\$ -5,550 6,150	\$ 3,650 4,250		
10-20	\$ 5,650-6 ,250	5,050-5,650	\$ 4,400-5,000	\$ -3,350 3,950	\$ 2,250 2,850		
20-30	\$ 3,750 3,810	3,350 3,950	\$ 2,950 3,550	\$ -2,250 2,850	\$ 2,100 2,700		
30-40	\$ 2,850-3,450	2,550 3,150	\$ 2,200 2,800	\$ -1,900 2,500	\$ 1,900-2,500		
40+	\$ 1,800- 2,400	1,800-2,400	\$ 1,800 2,400	\$ -1,800 2,400	\$ 1,800 2,400		

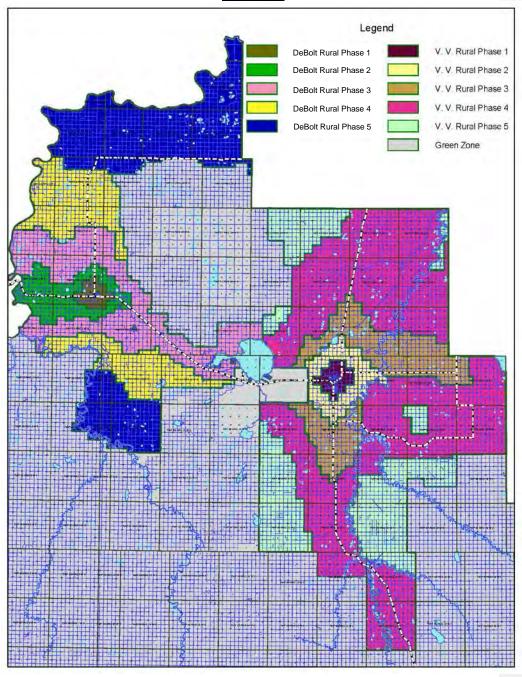
GROVEDALE AREA

Owner Parcel	Landry Heights Price/Acre	Grovedale Price/Acre	Aspen Grove Price/Acre	RIC	RIGHT OF WAY FOR PROPERTIES UP TO 40 ACRES				
Size in	·								
Acres				Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
0-1	\$ 55,000 55,600	\$ 43,000 43,600	\$ 23,000- 23,600	\$ 49,000 49,000	\$ 47,000 47,600	\$ 30,000-30,600	\$ 28,500 29,100	\$26,000-26,600	25,000- 25,600
1-3	\$ 27,300 27,900	\$ 21,600 22,200	\$ 11,800 12,400	\$ 24,500 25,100	\$ 23,500 24,100	\$ 14,800 15,400	\$ 14,300 14,900	\$13,10013,700	12,650 13,250
3-5	\$ 19,150-19,750	\$ 15,150 15,750	\$ -8,300- 8,900	\$ 17,150 17,750	\$ 16,500 17,100	\$ 10,350 10,950	\$ 10,000 10,600	\$ 9,200 9,800	8,850 9,450
5-10	\$ 12,550- 13,150	\$ -9,950 10,550	\$ -5,450 6,050	\$ 11,25011,850	\$ 10,850 11,450	\$ 6,800 7,400	\$ 6,600 7,200	\$ 6,0506,650	5,8506,450
10-20	\$ 7,650 8,250	\$ -6,050-6,650	\$ -3,300-3,900	\$ 6,8507,450	\$ 6,600 7,200	\$ 4,1504,750	\$ 4,0004,600	\$3,6504,250	3,5504,150
20-30	\$ 5,100 -5,700	\$ -4,000 4,600	\$ -2,200 2,800	\$ 4,6005,200	\$ 4,4005,000	\$ 2,800 3,400	\$ 2,700 3,300	\$2,450 3,050	2,350 2,950
30-40	\$ 4,000-4,600	\$ -3,000-3,600	\$ -1,900 2,500	\$ 3,4504,050	\$ 3,300 3,900	\$ 2,100 2,700	\$ 2,000 2,600	\$ 1,900 2,500	1,900 2,500
40+	\$ 1,800 2,400	\$ -1,800 2,400	\$ -1,800 2,400	\$ 1,800 2,400	\$ 1,800 2,400	\$ 1,800 2,400	\$ 1,800 2,400	\$1,8002,400	1,800 2,400

SCHEDULE OF FEES (IMPOSED BY BYLAW NO. 12-673) MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

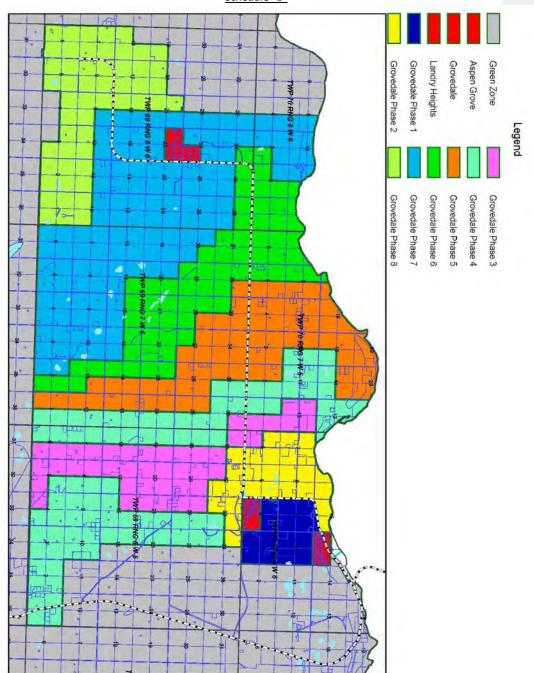
Schedule "E"



SCHEDULE OF FEES (IMPOSED BY BYLAW NO. 12-673) MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

Schedule "E"



(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:

SCHEDULE "F"

WATER CONSUMPTION FEES FOR ALL M.D. OF GREENVIEW WATER DISTRIBUTION SYSTEMS All fees are effective as of January 1st, 2015. tility Accounts Late Fee Penalty

Utility Accounts Late Fee Penalty			Formatted: Font color: Auto
Accounts for metered services and bulk accounts	1.5% Penalty/monthly		Formatted: Font color: Auto
if not paid within 30 days of the billing date will			
incurred a 1.5% penalty monthly.			
			Formatted: Font color: Auto
Work Done at Cost			Formatted: Font color: Auto
Where work is done at cost, the cost will include	1.5% Penalty/monthly		Formatted: Font color: Auto
the amount expended by Greenview for all			
expenditures incurred doing the work, including			
administration. All invoices will be paid within 30			
days of billing. If not paid within 30 of billing, are			
subject to interest.			
A			Formatted: Font color: Auto
Requested Turn on/Shut off of Service Curb Stop			Formatted: Font color: Auto
Regular Hours	\$20.00 Flat Rate		Formatted: Font color: Auto
After Hours	\$80.00/per hour		Formatted: Font color: Auto
			Formatted: Font color: Auto
Hamlet Water Distribution Systems (DeBolt & Richards)		_ \	Formatted: Font color: Auto
Residential Users Rate	\$ 3.50 per m3		Formatted: Font color: Auto
(0 - 30 m3/month)			Formatted: Font color: Auto
Residential Rate (Over 30m3/month)	\$ 4.00		Formatted: Font color: Auto
Non Residential Users Rate	\$ 4.00 per m3		
Installation Fee	\$ 8,000.00 deposit (based on actual invoice)		Formatted: Font color: Auto
Connection Fee	\$ 500.00 per service		Formatted: Font color: Auto
Utilities Account Deposit	\$ 100.00		Formatted: Font color: Auto
Hamlet Water Distribution System (Little Smoky	•		Formatted: Font color: Auto
Residential Rate (0-30 m3/month)	\$ 3.50 per m3		Formatted: Font color: Auto
Residential Rate (Over 30m3/month)	\$ 4.00 per m3		Formatted: Font color: Auto
Non Residential Rate	\$ 4.00 per m3		Formatted: Font color: Auto
Connection Fee	\$ 12,500.00		Formatted: Font color: Auto
Utilities Account Deposit	\$ 100.00		Formatted: Font color: Auto
Rural Water Distribution System (Valleyview)			Formatted: Font color: Auto
Valleyview Rural Water Line Users			
Residential Rate (0-30 m3/month)	\$ 3.50 per m3		Formatted: Font color: Auto
Residential Rate (Over 30m3/month)	\$ 10.00 per m3		Formatted: Font color: Auto
Non Residential Rate	\$ 10.00 per m3		Formatted: Font color: Auto
Connection Fee	\$ 12,500.00 connection fee/per service		Formatted: Font color: Auto
Utilities Account Deposit	\$ 100.00		Formatted: Font color: Auto
Water Meter Damage (Owner Responsibility)	based on actual replacement costs		I offilation. I officolor. Auto

(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

mended:		
Rural Water Distribution System (Crooked Cree	·	Formatted: Font color: Auto
Residential Rate (0-30 m3/month)	\$ 3.50 per m3	Formatted: Font color: Auto
Residential Rate (Over 30m3/month)	\$ 10.00 per m3	Formatted: Font color: Auto
Non Residential Rate	\$ 10.00 per m3	Formatted: Font color: Auto
Connection Fee	\$ 12,500.00	Formatted: Font color: Auto
Utilities Account Deposit	\$ 100.00	Formatted: Font color: Auto
		Formatted: Font color: Auto
Rural Water Distribution System (Ridgevalley)	10.70	Formatted: Font color: Auto
Residential Rate (0-30 m3/month)	\$ 3.50 per m3	Formatted: Font color: Auto
Residential Rate (Over 30m3/month)	\$ 10.00	Formatted: Font color: Auto
Non Residential Rate	\$ 10.00 per m3	
Connection Fee	\$ 12,500.00	Formatted: Font color: Auto
Utilities Account Deposit	\$ 100.00	Formatted: Font color: Auto
		Formatted: Font color: Auto
Water Point Facilities	6250	Formatted: Font color: Auto
Potable Water Points Residential/Agriculture	\$ 3.50 cubic meter	
Potable Water Points Commercial	\$ 8.50 cubic meter	
Non-Potable Water Points	\$ 2.00 cubic meter	
Gravity Wastewater Collection System (DeBolt 8	& Ridgevalley)	Formatted: Font color: Auto
Sanitary Service Installation Fee	\$ 8,000.00 deposit (based on actual invoice)	(simulation) sin solo / Auto
Connection Fee		
Connection Fee	\$ 500.00 per service	
Connection Fee Low Pressure Wastewater Collection System (Li	\$ 500.00 per service	Formatted: Font color: Auto
	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley)	Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li	\$ 500.00 per service	
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice)	Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service	Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit)	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00	Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling (per self-contained dwelling unit)	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00 \$ 24.00	Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling (per self-contained dwelling unit) Commercial – General Store	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00 \$ 24.00 \$ 36.00	Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling (per self-contained dwelling unit) Commercial – General Store Commercial – Laundromat	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00 \$ 24.00 \$ 56.00	Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling (per self-contained dwelling unit) Commercial – General Store Commercial – Laundromat Commercial – Hotels (rooms & beer	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00 \$ 24.00 \$ 56.00	Formatted: Font color: Auto
Low Pressure Wastewater Collection System (Li Sanitary Service Installation Fee Connection Fee Supersede By-law 94-025 Sewer Service Charges Septage Classification Residential – Single Family Dwelling Residential – Duplex (per dwelling unit) Residential – Multi Family Dwelling (per self-contained dwelling unit) Commercial – General Store Commercial – Laundromat Commercial – Hotels (rooms & beer parlor)	\$ 500.00 per service ttle Smoky & Grovedale & Ridgevalley) \$ 8,000.00 deposit (based on actual invoice) \$ 500.00 per service - All Hamlets \$ Per Month \$ 24.00 \$ 24.00 \$ 24.00 \$ 24.00 \$ 36.00 \$ 56.00 \$ 80.00 \$ 48.00 \$ 48.00	Formatted: Font color: Auto
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(IMPOSED BY BYLAW NO. 12-673)

MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Amended:		
Royal Canadian Legion Hall	\$ 24.00	
Senior Citizen's Drop-In Centre	\$ 24.00	
Wastewater Lagoon		
Commercial/Industrial Tipping Rate	\$ 7.50 per m3	
Lagoon Keys		
Initial Key	\$ 150.00	
Replacement Keys	\$ 50.00	

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BYLAW No. 17-784 Of the Municipal District of Greenview No. 16

A Bylaw of the Municipal District of Greenview No. 16, in the Province of Alberta, for the purpose of adopting a revised Schedule of Fees, as attached to this bylaw.

Whereas, the Council of the Municipal District of Greenview No. 16, duly assembled, deems it expedient from time to revise the Schedule of Fees for the municipality.

Therefore, be it resolved that in accordance with the Municipal Government Act, Chapter M-26, R.S.A. and amendments thereto; the Planning Act, Chapter P-9, R.S.A. and amendments thereto; and the Municipal Taxation Act, Chapter M-31, R.S.A. and amendments thereto; that Council adopts the Schedule of Fees, attached to and forming of this bylaw.

Municipal District of Greenview Bylaw Number 12-673 is hereby repealed.

This bylaw shall come into force and effect upon the passing of third and final reading.
Read a first time this 13 th day of June A.D., 2017.
Read a second time this day of, A.D., 2017.
Read a third time and passed this day of, A.D., 2017.
REEVE

CHIEF ADMINISTRATIVE OFFICER



REQUEST FOR DECISION

SUBJECT: Forestry Trunk Road - Scope of Work Overview & Update

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: KS DEPARTMENT: INFRASTRUCTURE & PLANNING GM: GG PRESENTER: GG/

KS

RELEVANT LEGISLATION:

Provincial (cite) - N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council accept the Forestry Trunk Road Overview as presented, for information.

BACKGROUND/PROPOSAL:

Council approved a Capital Budget project in 2015 that carried through 2016 and 2017 to create the Forestry Trunk Road Master Plan (FTRMP). This was to be considered a project that would entail a considerable amount of internal and external discussion and consideration, on the overall functionality of the long term strategic plan to re-construct the existing 174 kilometers, into an accessibly safe, viable corridor for industry and recreational users including the general public between Hwy 43 & Hwy 40.

The FTR Scope of Work Overview & Update document is intended to further educate Greenview's Council on the past and future planning possibilities for phases of road re-alignment. With Council's ongoing continued support and dedication to enhancing the Forestry Trunk Road, these future re-alignment phases of construction will positively impact the Forestry Trunk Road. and enhance the maintenance program.

The Scope of Work Overview & Update document was intended to brief Council on what could be the intentions moving forward and if there were any desired or suggested changes to this document by Council, those would be dealt with at the final stages in the Forestry Trunk Road Master Plan that will be presented to Council in the fall of 2017.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommend action will allow Council to understand where administration feels that improvements and upgrades could best serve the Forestry Trunk Road and its users.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. No perceived disadvantages to the recommendation.

ALTERNATIVES CONSIDERED:

Alternative #1: No alternatives to consider coming from the recommendation.

FINANCIAL IMPLICATION:

Direct Costs: No direct costs at this time

Ongoing / Future Costs: Final FTRMP document costs.

STAFFING IMPLICATION:

No staffing implications at this time.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

Using that framework outline the proposed level of public engagement associated with the recommended action.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

There are no follow up actions required from the recommendation.

ATTACHMENT(S):

- Forestry Trunk Road Scope of Work Overview & Update
- Forestry Trunk Road Overview Map



Forestry Trunk Road

Scope of Work Overview & Update June 05, 2017





Forestry Trunk Road Master Plan Scope of Work & Overview



OVERVIEW

WSP Canada Inc. has been engaged with the Municipal District of Greenview No.16 (Greenview) to provide engineering services associated with the Master Plan for the entire Forestry Trunk Road (FTR). The outcome of the Master Plan when completed, will outline the tasks associated with the overall planning of the upgrades and maintenance operations required for the Forestry Trunk Road's entire length. The Master Plan will also outline the project rationale detailing the benefits that Greenview will achieve from these works. The Master Plan will include an estimated schedule to complete the works along with the corresponding associated cost estimates.

The Master Plan identifies and outlines the components necessary for the project to be broken down into phases to allow for the planning, budgeting, and inclusion onto Greenview's capital construction forecasts.

The aforementioned information will be utilized to develop the overall planning document. Sufficient information is required to bring the project to a point where feasible and realistic cost estimating and phasing is obtainable for long range budgeting purposes.

WSP has been engaged in the above capacity involving the Forestry Trunk Road within 2015, 2016 and now, into 2017, disbursing an approximate amount of \$54,000.00 over this period. These monies were utilized to complete a list of the initial works required throughout the Forestry Trunk Road length. The completed initial works include but are not limited to:

- The comprehensive drafting and mapping of all dispositions which has been utilized for planning work in multiple projects along the Forestry Trunk Road Length
- Lidar Survey Data acquisition
- Field survey of existing road center line
- Geotechnical background review and field investigation costing
- Environmental impacts initialization review
- Field photos and roadway video's for design purposes
- Desktop hydrology review (bridge culvert requirements)



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Forestry Trunk Road Master Plan Scope of Work & Overview



- Construction phasing reviews
- Alignment options and structural surfacing options
- Access management initial reviews
- Drafting and design works related to the Resource Road Funding Application (STIP program) for Phase IV
- Industry reviews: Oil and gas development applications as the applications can be reviewed
 against the conceptual roadway alignments for conditions to be placed in the development
 permit that will avoid adjustment costs of those facilities in the future when construction does
 come through the area.

With additional information yet to be acquired including environmental overviews, ground survey elevations and geotechnical soil investigations, WSP will be able to develop a working master plan for Greenview's usage. The master plan will be for Greenview to utilize and refer to in their planning and budgeting purposes. As an outcome of the completed initial works and with the accessibility of the additional information outlined previously in this paragraph, the Master Plan document should be finalized in a timely manner pending funding allocations.

PROJECT RATIONALE

The Forestry Trunk Road (formerly Highway 734) is a key roadway within Greenview providing a crucial link between Highway 40 and Highway 43. The M.D. of Greenview has been committed to the reconstruction of the portions of roadway that require upgrading, with the ongoing financial support from the province of Alberta. In addition, the M.D. of Greenview has incorporated a full maintenance plan for the entire road length to keep the road safely accessible to traffic.

The reconstruction of the sections that require upgrading with continuous maintenance operations will provide an improved all-weather access to oil and gas, and forestry industries utilizing the Forestry Trunk Road. The arterial roadway is open to all traffic and is presently not load restricted, with the exception of spring road bans.

An all-weather road would assure more reliable access by industry, forestry, tourists, and recreational activities utilizing the resources of the area. Such resources include: timber, oil and gas, gravel sources,





several Provincial Forest Recreation Areas, fire towers, and communications towers.

The Master Plan will detail the components required to achieve a final product with the following benefits:

- Economic: The area surrounding the Forestry Trunk Road Corridor promotes both heavy industry and tourism. Oil, gas, gravel and forestry are the main industry users in the area. Many spin off businesses from the major stakeholders such as forestry and communications towers, water hauling, reclamation and re-forestation work will all benefit by easier access to the area. The project will contribute to the overall expansion and improvement of access to the area thus creating a positive environment for industry to further develop. The service industry can utilize the improved, safer route to transport materials and supplies into the rapidly growing sectors of growth.
- <u>Safety</u>: An upgraded well maintained all-weather road would reduce the risk currently existing as a result of the poor surface or the poor horizontal and vertical alignments that presently exist. Improvements to the road centerline combined with improvements to the overall cross section of the road may greatly reduce the risk of accidents. The all-weather road will have a much safer driving surface to maintain the movement of goods and services.
- <u>Social</u>: The roadway is a key corridor linking Highway 40 and Highway 43 resulting in connected residents and communities as well as providing access to goods and services. A previous traffic survey concluded that the traffic utilizing the proposed project route conducted business and services within the municipality, and returned to their base of operations within Greenview, or adjacent jurisdictions.
- <u>Right of Way & Dispositions Security</u>: Being proactive in generating the Master Plan and planning for all the upgrades and the maintenance program related to the entire length of the Forestry Trunk Road will allow Greenview to apply for the required dispositions for the road right of way. In addition applications can be compiled for all the required dispositions needed for the operations maintenance related sites.
- <u>Improved Planning</u>: the Master Plan will allow Greenview to have a superior planning strategy in relation to costs, timelines and deliverables.

PLANNING OBJECTIVES

In consideration of the background of this project and the potential benefits associated with its materialization, the following study objectives were developed:

Planning to determine the long-term corridor requirements to accommodate anticipated traffic



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demands and roadway upgrades

- Planning to determine the long term maintenance program and the requirements associated with it
- Existing Dispositions and Legal Surveys
- Mapping of Roadway and proposed alignments with aerial photos and LiDAR survey data
- Conceptual alignment selection (horizontal and vertical)
- Land acquisition impacts
- Utility impacts
- Environmental and Historical Resources impacts
- Traffic Analysis & Forecasting
- Watercourse Crossings & Overland Drainage
- Geotechnical Investigation
- Overall Road Assessments
- Operations Maintenance Sites
- Overall Maintenance Plan
- General Miscellaneous Planning
- Capital Construction Costs & Phased Construction and Maintenance Sections
- Traffic surveys

DATA COLLECTION AND REVIEW

Information from different sources along with various analysis and assessments will be needed for the planning purposes of the Master Plan. The following information will have to be collected, reviewed and utilized for the development of the Master Plan:

- Previous concept plans and works along the Forestry Trunk Road;
- Corridor LiDAR elevations and topographical contouring information;
- Environmental Assessment to determine any wetlands or environmentally sensitive features;
- Bridge and Drainage Assessments to calculate culvert sizes required;
- Geotechnical Desktop Review to assist in determining required cuts/ fills and possible geology throughout the portions of the road that will require reconstruction;
- Road design and corridor determination for the purpose of disposition applications
- Access Management study



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- Cadastral mosaic plans and Aerial photographs;
- Traffic count data/ traffic survey
- Land ownership and dispositions;
- Approximate utility locations using the information obtained from Abacus Data graphics;
- Regulatory requirements and related information such as Fish and Wildlife Management Information
 System (FWMIS), Environmental Protection and Enhancement Act (EPEA), Migratory Birds Convention
 Act etc.; and
- Industry development mapping
- Stakeholder/ town hall meeting

OVERVIEW OF PLANNING OBJECTIVES (INFRASTRUCTURE AND CONSTRUCTION)

The infrastructure and construction planning objectives include the following:

Planning to determine the long-term corridor requirements to accommodate anticipated traffic demands and roadway upgrades

Phase III construction tied into Km 130 leaving approximately 30km of roadway to be re-designed and constructed from Km 130 to Km 160 at the south end of the Forestry Trunk Road. Significant works are required to bring this section of roadway to a standard of an 80km/hr posted speed limit and will involve large earth excavation and embankment quantities to improve the horizontal and vertical alignments. The goal of planning a long-term roadway corridor is to allow future developments, largely within the oil and gas sector, to continue without encroaching onto the proposed roadway alignment. Securing the proposed corridor will save large costs that would be encountered should relocations or adjustments be required due to future crossings.

• Existing Dispositions and Legal Surveys

A detailed listing and overview of the existing dispositions along the Forestry Trunk Road has been compiled and reviewed in comparison to any existing legal survey plans. This comparison assists in determining overlap and disposition requirements for new roadway right of way corridors.

Mapping of Roadway, Proposed alignments with aerial photos and LiDAR survey data

Detailed map booklets have been drafted and produced for the entire length of the Forestry Trunk Road. The alignment has been tied into from the south end to the north end and has also been utilized for other



Forestry Trunk Road Master Plan Scope of Work & Overview



past and ongoing Forestry Trunk Road projects. Conceptual alignments have been plotted onto these plans and have been utilized for most of Greenview's FTR works.

Conceptual Alignment Selection (horizontal and vertical)

Proposed conceptual alignments have been reviewed for Km 130 to Km 160 to bring the existing roadway to an 80 km/hr posted (90 km/hr design) speed limit standard, as well as working within the constraints of the multiple utility impacts with the oil and gas sector. An improved cross section will include a wider road top (10m width) with 4:1 sideslopes and sufficient ditch width and backslope ratios. The re-designed and rebuilt roadway will be significantly safer and manageable for travel. Earthwork quantities have been estimated based on local and past construction knowledge of sub-surface ground conditions (geotechnical investigation to follow). Significant earthworks are required due to the shifts in horizontal alignment of the roadway, however, majority of the earthworks required are due to the severe existing vertical profiles which require tempering to aid in truck movements especially during inclement and winter weather conditions.

Land Acquisition Impacts

Based on the conceptual horizontal and vertical alignments, land requirements are generally known and initial drawings can be prepared for consultation with Alberta Environment and Parks. Significant right-of-way is required for the upgrading of the roadway, which will also mandate First Nations Consultation and multiple stakeholder engagement and coordination. A nominal right of way width of 60m is being considered with areas requiring up to 120m in large earth cut sections.

Utility Impacts

Some significant utility impacts are anticipated within the section of roadway. Largescale oil and gas operations have been developed alongside the existing roadway right of way, from lease sites and plant sites to pipelines. These developments have necessitated the review of the horizontal alignment through areas of development with the minimum amount of conflict. Some utility companies have already joined Greenview in cooperation and have made adjustments to their new facility construction based on the conceptual alignment and construction plans to reduce future re-location and adjustment costs.

• Environmental and Historical Resources impacts

Significant portions of this section of roadway require a complete re-alignment from the present roadway and has the potential to affect environmentally sensitive areas such as wetlands and historic lands. The planning process identifies potential issues in advance so that pre-consultation can be arranged



Forestry Trunk Road Master Plan Scope of Work & Overview



with Government and First Nations.

Traffic Analysis & Forecasting

Traffic counters have been placed along the Forestry Trunk Road to identify traffic volumes and the types of traffic presently utilizing the roadway. This information, combined with the Alberta Transportation count data at the intersections of Highway 40 and 43, allow for a current look at roadway utilization and allow for future demands forecasting. The traffic data has been recently used in the Resource Road Funding Application submitted to Alberta Transportation for Phase IV Km 130 to Km 137 of the Forestry Trunk Road.

• Watercourse Crossings & Overland Drainage

The proposed section of roadway will cross a number of watercourse crossings. As such, the evaluation for hydraulic flow capacity for sufficient culvert sizing is required. Determining if there are any environmental items to address such as fish presence and any bed and shore determinations through the Alberta Government are required as well. As part of the review process, it has been determined that there should be no bridge or bridge sized culverts required which could have the capacity to raise design and construction costs. Overland surface drainage is reviewed for any known areas of concern and new alignments are reviewed for areas of concern to address during the detailed design. A review will ensure straightforward maintenance after construction.

Geotechnical Investigation

A geotechnical investigation allows for gathering of sub-surface knowledge to insert into the detailed design process to allow for the appropriate design and construction methods to be utilized. Glacial till clays, to rippable, to solid rock can be found along the Forestry Trunk Road alignment and this will be invaluable information gathered to allow for an accurate contract to be tendered.

• Overall Road Assessments

The road will be assessed to determine any sections that will require special attention in regards to the maintenance program or road reconstruction upgrade works. Geometrically unsafe sections along the road will be identified in the document with feasible solutions outlined. These assessments will identify any steep grades, tight curves, narrow sections of the road, sections with failing structure, and sections with drainage concerns.

• General Miscellaneous Planning

The Master plan will include an overall general plan for installing miscellaneous features along the





Forestry Trunk Road to increase the serviceability and usability scale of the road. The Master Plan will recommend the locations and the frequency of these features. These features include but are not limited to:

- o Portable Toilet
- o Garbage Bins and Collection Sites
- o Pullover and turn around locations
- o Rest Areas

WORKS CAPITAL COSTS & PHASED CONSTRUCTION

The result of the information gathered and compiled from the Master Plan will allow for the detailed estimation of capital construction costs. In addition, phased construction that make use of the available data gathered will achieve greater results and efficiencies where available.

The following tables are rough estimates of the costs required for the completion of the construction related portions of the Master Plan:

Table 1 – Construction Cost Estimates

Construction Work Item	\$/km	Schedule
Reconstruct 2 km Slide and Radius Improvement at Economy Creek (km 19- km 21)- Grading	\$1,000,000	Scheduled to be constructed in 2017
Reconstruct Phase IV (km 129.5 – km 137)- Grading	\$1,250,000	2017-2020
Reconstruct Phase V (km 137 – 139)- Grading	\$2,000,000	2021-2022
Reconstruct Phase VI (km 139 – 142.5)- Grading	\$2,000,000	2023-2024
Reconstruct Phase VII (km 142.5 – km 160)- Grading	\$750,000	2025-2027
Note: Costs are in year 2017 CAD.		



Forestry Trunk Road Master Plan Scope of Work & Overview



OVERVIEW OF PLANNING OBJECTIVES (OPERATIONS AND MAINTENANCE)

Operations and maintenance planning objectives are as follows:

Operations Maintenance Sites

The Master Plan will identify site locations that may be utilized for maintenance shops, construction crews camp grounds, aggregate stockpile locations or/and storage of inventories. Identifying these sites will involve detailed assessments and discussions with Greenview to determine the best locations, sizes and layouts for these sites. Site selections will also include feasibility studies to determine the cost to acquire power and water to these sites. Once the site locations are determined, Greenview will have to apply for dispositions to lease these sites. These works will be detailed in the Master Plan with the costs associated with them.

• Overall Maintenance Plan

WSP, with the coordination with Greenview, will incorporate an overall maintenance plan into the Master Plan. This plan will include but will not be limited to schedules and costs to perform the following works over the entire length of the Forestry Trunk Road:

- o Grading and Graveling
- Stabilization Sections
- Water & Calcium applications for dust control
- Brushing and Mowing

OPERATION AND MAINTENNACE WORKS CAPITAL COSTS

The result of the information gathered and compiled from the Master Plan will allow for the detailed estimation of operations and maintenance costs. In addition, the available data gathered in the Master Plan will achieve greater results and efficiencies in planning the maintenance works through the coming years.

The following table is a rough estimate of the annual costs required for the maintenance related portions of the Master Plan:





Table 2 – Annual Projected Road Maintenance Expenditures (Entire Length of the FTR)

Maintenance Item	Per Year
Grading	\$2,000,000
Dust Control	\$2,500,000
Gravelling	\$750,000
Brushing	\$150,000
Mowing	\$50,000
Contingencies	\$350,000
Total (Costs in 2017 CAD)	\$5,800,000

The following table is a rough estimate of the capital costs required for the operations maintenance sites that will be discussed in the Master Plan:

Table 3 – Operations Maintenance Sites Cost Estimates (per site)

Construction Work Item	\$/site
Power Connection	\$350,000
Water Supply- Water Well	\$350,000
Site Preparation	\$450,000
Shop Cost Construction	\$1,000,000
Camp Ground Preparation	\$250,000
Engineering/ Land Acquisition/ Permits	\$250,000
Total (Costs in 2017 CAD)	\$2,650,000

Please note that the above cost estimates are roughly estimated based on average prices and information available to us at the moment. The Master Plan will tighten the costs up and provide a more precise close estimate when more details are available for the estimate.



Forestry Trunk Road Master Plan Scope of Work & Overview



SUMMARY

The Forestry Trunk Road Master Plan provides Greenview the information necessary to plan and budget the costs and scheduling of the major construction and maintenance works that needs to be completed on the Forestry Trunk road. As part of this process, there has a been a direct correlation to other Forestry Trunk Road projects such as the Simonette Hill, Economy Creek, Road Stabilization.

Where Do We Go From Here?

Should Greenview opt to pursue this project further, the main attention should be directed towards Right of Way Acquisition which requires the completion of the following tasks:

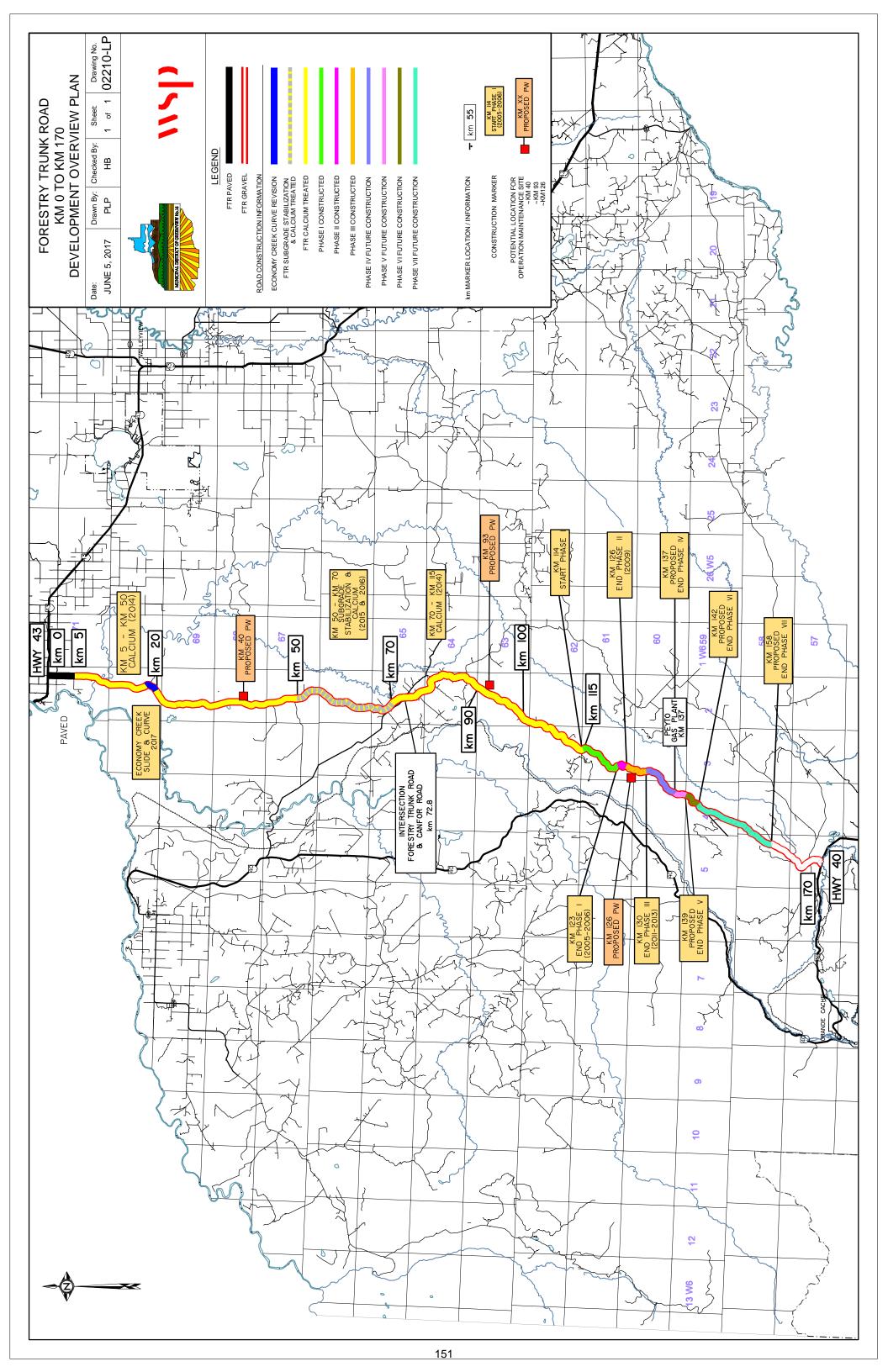
- Finalization of the Route's Alignment and Profile at sections requiring reconstruction
- Environmental Assessments
- First Nations Consultations
- Industry and Stakeholders Consultation
- Geotechnical Investigation
- Utility Impacts

Fee matrices to complete all the engineering phases and tasks required to finalize the Master plan (environmental, ground survey checks, geotechnical investigations, Bridges, and road design) are being compiled currently for Greenview's review.

Please see attached an overall plan outlining historical major works that have been completed along the FTR along with the proposed works mentioned in this plan.

The full project overview and planning document is expected to be completed by the winter of 2017.







REQUEST FOR DECISION

SUBJECT: Twp. 672 Connector Road Additional Funds

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: KS DEPARTMENT: INFRASTRUCTURE & PLANNING GM: GG PRESENTER: GG

RELEVANT LEGISLATION:

Provincial (cite) -

Council Bylaw/Policy (cite) -

RECOMMENDED ACTION:

MOTION: That Council approve an additional \$300,000 to Twp. 672 Connector Road with funds to come from the Capital Infrastructure Reserve.

BACKGROUND/PROPOSAL:

Twp. 672 estimate for construction was approved in the 2017 Capital Road Construction Budget to tender with a budget of \$1,800,000. Council requested to construct the connector road using Day Labour forces, utilizing the professional services of a consultant that included onsite supervision.

The rational for the increase budget requirements is due to a scope change to fully engage the consultant for the administration of the project, updating the project cost estimate in relation to the consultant's project involvement and the procurement of the materials list, with gravel being the largest increase.

Administration in the future may need to approach Council for the unforeseen circumstances that may arise without having a contract in place. That would have provided Greenview with sureties such as when subgrade re-works is needed due to moisture/density or other weather related events that will force up the construction cost using hourly rates.

BENEFITS OF THE RECOMMENDED ACTION:

Benefits of the recommendation guarantees the appropriate funds will be in place.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommendation.

ALTERNATIVES CONSIDERED:

Alternative #1: Council could request administration to look for efficiencies within the existing approved budget. This is a process that is already done during projects and is not expected to guarantee further savings.

FINANCIAL IMPLICATION:

Direct Costs: To be funded through the Capital Infrastructure Reserve

Ongoing / Future Costs: Five year monitoring plan for Alberta Environment & Parks (as part of the Wet Lands approval) and Annual Road Maintenance program.

STAFFING IMPLICATION:

No staffing increase needed.

PUBLIC ENGAGEMENT LEVEL:

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Notify Corporate Services to transfer the approved additional funds.

ATTACHMENT(S):

No Attachments



REQUEST FOR DECISION

SUBJECT: Tender Award Industrial Lagoon Construction

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: GC DEPARTMENT: ENVIRONMENTAL SERVICES GM: GG PRESENTER: GC

RELEVANT LEGISLATION:

Provincial (cite) – New West Partnership Trade Agreement

Council Bylaw/Policy (cite) - Expenditure and Disbursement Policy - 1018

RECOMMENDED ACTION:

MOTION: That Council award Option "A" Industrial Lagoon and Septage Receiving station Construction project to Howitt Construction from Red Deer Alberta for \$3,238,700.00 with funds to come from 2017 Environmental Services Capital Budget.

BACKGROUND/PROPOSAL:

The publicly advertised Industrial Lagoon project combined with the Septage Receiving Station received three (3) tenders. The lagoon had two (2) options to build with a clay liner (option A) or a High Density Polyethylene (HDPE) liner (option B). The option for clay liner versus a HDPE synthetic liner were requested to determine a cost analysis. As synthetic liners are coming down in costs, and in the event there was not suitable clay in the area to work with, we wanted to explore both options.

The overall results are shown in table 1 below:

Bidder	Option "A" Clay Liner/	Option "B" HDPE Liner/Septage
	Septage Receiving Station	Receiving Station
Howitt Construction	\$3,238,700	\$3,533,235
BTO Contracting	\$3,809,229	\$3,929,125
Broda Group LP	\$4,876,090	\$4,967,125

Consultants estimated cost of construction was Option "A" \$4,633,950 and Option "B" \$4,996,950.

Administration recommends the construction of Option "A" that will be built with a natural clay liner and septage recvieving station to Howitt Construction. The geotechnical investigation determined there is suitable material on site for construction of the clay liner, saving Greenview \$315,000.00 on this project. Howitt Construction's bid met all qualifications, schedules and expectations with completion expected before years end.

Budget Forecast:

Year 2017	2017 Industrial	2017 Septic
	Lagoon	Receiving Station
2017 Approved	\$5,369,043	\$800,000
Budget		
Brush Clearing	\$175,000	N/A
	(include \$17,500	
	Lien Hold Back)	
Construction	\$2,661,700	\$577,000
ATCO Power	N/A	\$23,831
Contingency	\$266,170	\$57,700
Engineering	\$643,590	\$77,700
Subtotal	\$3,746,460	\$736,231
Remaining Budget	\$1,622,583	\$63,769
Total Remaining	\$1,686,352	
Budget		

BENEFITS OF THE RECOMMENDED ACTION:

- 1. The benefit of the recommended action if awarded by Council, will have the lowest bid constructing the project to completion
- 2. The benefit of the recommended action will provide commercial haulers, and Greenview residents, in the Valleyview, Little Smoky, and Fox creek areas a suitable facility for disposing of septic waste.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There is no perceived disadvantage to construct a wastewater lagoon in the area south of Little Smoky.

ALTERNATIVES CONSIDERED:

Alternative #1: Administration considered having haulers dump at the Little Smoky hamlet lagoon, but the existing system is not capable of supporting increased loading that it currently receives.

FINANCIAL IMPLICATION:

Direct Costs: Funding to come from the 2017 Environmental Services Capital Budget.

Ongoing / Future Costs: Operational costs to maintain the facility are expected to be primarily site inspections, site maintenance (grass cutting, access road grading, and sampling).

STAFFING IMPLICATION:

Current staffing will remain unchanged as this site will only require occasional site visits from an operator which can be fulfilled with existing staff and Administration's role will not increase significantly with only customer tracking and invoicing to perform.

PUBLIC ENGAGEMENT LEVEL:

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

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FOLLOW UP ACTIONS:

Issuing of the Notice of Award letter to the successful company and initiate a start-up meeting as soon as practical.

ATTACHMENT(S):

• Expenditure and Disbursement Policy - 1018

Title: Expenditure and Disbursement Policy

Policy No: 1018

Effective Date: July 28, 2015

Motion Number: 15.07.347

Supersedes Policy No: AD-12



MUNICIPAL DISTRICT OF GREENVIEW NO. 16

"A Great Place to Live, Work and Play"

Purpose: To establish expenditure control guidelines by identifying processes for the efficient procurement and payment of goods and services for the municipality in support of effective operations based on the following principles:

- Council recognizes the need for the prompt payment of accounts and delegates the authority to disperse funds for all budget-approved operational expenditures to the Chief Administrative Officer and/or designates.
- The Municipal District of Greenview No. 16 (Greenview) is subject to two trade agreements, the New West Partnership Trade Agreement (NWPTA) and the Agreement on Internal Trade (AIT). These two agreement must be adhered to for all expenditures that occur within their respective limits.

The MD of Greenview will not consider purchasing or procuring goods or services from any contractor or supplier who has initiated a litigation process against the Municipality. No consideration will be given for a period of five years from the conclusion of the litigation unless otherwise directed by Council.

DEFINITIONS

Expenditure Officer has the authority to sign contracts, purchase orders and invoices for payment. Typically an expenditure officer will be the Chief Administrative Officer, General Manager, Manager or Assistant Manager responsible for a department, who is accountable for the department's budget control and administration.

Associated Expenditure Officers are identified by the respective department's General Manager or Manager. These officers are delegated a limited amount of expenditure on behalf of the responsible department budget manager. The Chief Administrative Officer or any General Manager or Manager providing this delegation to their staff is responsible to provide, in writing, to the Finance and Administration Manager; the name, the expenditure limit for the employee, as well as a copy of the employees' signature.

Accounting Officer is a member of the finance team, such as the Manager of Finance and Administration, Manager of Financial Reporting, Staff Accountant and General Manager of Corporate Services and any version of these titles.

Capital means items identified in the Capital Budget as approved by Council.

Department's Budget Manager is the manager who is ultimately responsible for the department's budget. The individual who creates and presents the department's proposed budget to Council.

Employee ID is the Employee Self Service ID that has been provided from Human Resources.

Emergencies when the lack of immediate action would jeopardize operations or equipment, disrupt critical public services or involve public or staff safety.

Goods means a manufactured item.

Litigation means the filing of an action in a court of law.

Nepotism the practice among those with power or influence of favouring relatives or friends.

Purchase Cards includes Greenview issued gas or credit cards.

Quote means the price bid obtained in writing or by phone, from a supplier of goods or services, but does not include a tender.

Service means any work or duties performed, including any materials provided.

POLICY

- The Municipal District of Greenview No. 16 (Greenview) Council recognizes the annually approved operating and capital budgets as their primary expenditure control document and that all expenditure not so authorized must be presented to Council by Administration for approval prior to the expenditure being incurred. Council realizes that they have a responsibility to its ratepayers to maximize the value of the tax revenue when purchasing municipal goods and services and when providing grant funding.
- 2. The overall responsibility for implementing and monitoring the annual budget rests with the Chief Administrative Officer. The General Manager of Corporate Services has the overall responsibility for budget reporting and to ensure that all expenditures are a legitimate claim against Greenview; are within established authorities; have been either authorized in the annual budget or approved by resolution of Council.

PROCEDURE

1. Responsibilities

- 1.1. Expenditure Officers responsibilities include:
 - 1.1.1. Authorizing a proposed expenditure or disbursement.
 - 1.1.2. Ensuring that a purchase order is issued for all expenditures over \$1,500.00, other than those specifically identified in Section 7, Subsection 2 of this policy.
 - 1.1.3. Abiding by the NWPTA and AIT when conducting tender calls, request for proposals or request for quotes.
 - 1.1.4. Certifying that the amount of a proposed expenditure or disbursement is fair and just; and within applicable policies.
 - 1.1.5. Initiating a disbursement that is consistent with the purpose for which the money is available.

- 1.1.6. Managing program or service delivery within Greenview Council approved budget allocation.
- 1.1.7. Verifying that the goods and services have been received or the work has been performed satisfactorily.
- 1.1.8. Verifying that a request for cheque is supported by adequate documentation.
- 1.1.9. Verifying the accurate coding of invoices related to their financial budget responsibility.
- 1.1.10. Verifying that procurement card (credit and gas) procedures are followed.
- 1.1.11. Verifying all invoices and/or receipts are submitted to Accounts Payables.
- 1.1.12. Delegate limited expenditure approval to their department's staff, as the department's budget manager sees fit, ensure all related documentation is submitted to Finance.

1.2. Associated Expenditure Officers responsibilities include:

- 1.2.1. Staying within the expenditure limit delegated by their manager.
- 1.2.2. Signing and receiving a copy of every invoice for the items they have purchased on behalf of Greenview.
- 1.2.3. Ensure invoices are authorized, signed and goods or services are received.

1.3. Accounting Officers responsibilities include:

- 1.3.1. Creating and verifying that adequate processes and controls are in place to safeguard against any material accounting misstatement and follow the guidelines outlined within this policy.
- 1.3.2. Verifying that a proposed expenditure or disbursement has been properly authorized by an expenditure officer.
- 1.3.3. Verifying that a proposed expenditure or disbursement is for the purpose authorized by the approved municipal budget, and/or it is consistent with the purpose for which the money is available.
- 1.3.4. Verifying that the expenditure is recorded in the appropriate fiscal and reporting period.
- 1.3.5. Verifying that the required supporting documentation is readily available.
- 1.3.6. Verifying that the expenditure is charged to the appropriate general ledger account.
- 1.3.7. Verifying the proposed expenditure or disbursement does not contravene any applicable policy and other legislative authority.
- 1.3.8. Arranging pre-authorized payments to be made directly from Greenview's bank account with authorization from the General Manager of Corporate Services.
- 1.3.9. Arranging direct deposits to be made to Greenview's bank account with the authorization from the General Manager of Corporate Services.
- 1.3.10. Ensuring that the General Manager of Corporate Services and any applicable staff are made aware of any budget to actual concerns that the accounting officer may become aware of during their daily duties.
- 1.3.11. Ensuring that the accounting practices are acceptable under the Generally Accepted Accounting Principles.
- 1.3.12. Preparing monthly department budget to actual reports.
- 1.3.13. Preparing and presenting to Council the organizational quarterly budget to actual report.

2. General Provisions

- 2.1. Greenview's expenditure officers may make an expenditure that is included in the approved operating and capital budgets or as otherwise approved by resolution of Council.
- 2.2. Council authorizes the Expenditure Officers as defined under Section 1 to commit the municipality for all purchases related to the operation of Greenview's programs and services that have been approved in the annual budget as follows:
 - 2.2.1. Chief Administrative Officer to the maximum budget allocation;
 - 2.2.2. General Managers, Assistant General Managers or delegate or as designated by the Chief Administrative Officer up to \$500,000.00;
 - 2.2.3. Department Managers, Assistant Managers or as designated by the Chief Administrative Officer up to \$200,000.00;
 - 2.2.4. Other staff as delegated in writing by the Expenditure Officers.
- 2.3. Operating Expenditures that exceed the Council approved operating budget by less than \$10,000.00 but still remain within the overall department budget may be approved by the Chief Administrative Officer or designate. If the over expenditure does not remain within the total department budget, the expenditure shall be presented to Council for approval.
- 2.4. Any operational expenditure approved by Council in budget or by resolution may be awarded and/or actioned by Administration, excepting Request for Proposals, which must be awarded by Council.
- 2.5. Any capital expenditure approved by Council in budget or by resolution may be awarded and/or actioned by Administration to a maximum of \$2,000,000.00, excepting Requests for Proposals, which must be awarded by Council.
- 2.6. Any capital expenditures awarded or actioned by Administration will be reported to Council via the monthly manager's reports and will include: Budgeted amount, Company name and values of compliant bids received, the name of the successful bidder, a list of bidders submitting non-compliant bids
- 2.7. Any capital expenditure for equipment or vehicles that exceeds Council's approved budget by less than \$10,000.00 or 10% and will remain within the department's overall capital budget, may be approved by the Chief Administrative Officer.
- 2.8. Staff will not engage in nepotism and will make any conflict of interest (actual or perceived) known to the Chief Administrative Officer. If the staff person in question is the Chief Administrative Officer, they will make any conflict of interest known to Council.
- 2.9. Expenditure officers may not normally authorize an expenditure or disbursement where they are directly involved in the transaction, except in the case of attending training, conferences, travel and accommodations associated with work. The expenditure claim or credit card receipt/invoice should clearly state the reason for the expenditure or claim.
- 2.10. The authority of the expenditure officers shall be limited to specific budgetary allocations and will not be general in nature. All expenditures must be authorized in the detailed annual budget or otherwise approved by resolution of Council.

- 2.11. Expenditure authority may be delegated in the absence of the responsible expenditure officer. The General Manager of Corporate Services and Manager, Finance and Administration must be notified in writing prior to the delegation of the Expenditure authority.
- 2.12. A current listing of approved expenditure or associated expenditure officers, with specimen signature and applicable expenditure authority shall be maintained by the Manager, Finance and Administration and copied to Accounts Payable.
- 2.13. Due to reasons of standardizations, economies of scale, vendor familiarity or required expertise, the following types of expenditures are coordinated on behalf of the organization:
 - 2.13.1. Stationery and office supplies by Administration Office Reception;
 - 2.13.2. Office furnishings by Facility Maintenance;
 - 2.13.3. Office equipment by Information Technology;
 - 2.13.4. All electronic equipment and software purchases for use in conjunction with the municipality's Network Infrastructure must first be reviewed by Information Systems Staff for compatibility and compliance with information Technology Standards employed throughout the organization;
 - 2.13.5. Vehicles (non-emergency) and heavy equipment by the Manager of Operations with input from Fleet and receiving department's manager;
 - 2.13.6. Emergency vehicles by the Manager of Protective Services;
 - 2.13.7. All Greenview insurance.
 - 2.13.8. Requisitions, purchases or contracts may not be divided in order to avoid the requirements of the NWPTA and the AIT spending limits.

3. Marketing and Media Placement

3.1. Advertising, signage, print and marketing materials must be approved by the Communications Officer.

4. Emergency Expenditures

- 4.1. Unbudgeted expenditures may be undertaken in the event of an emergency situation where the Expenditure Officer must make purchase decisions efficiently to bring the emergency situation under control.
 - 4.1.1. May be authorized by the Chief Administrative Officer or designates.
 - 4.1.2. All such expenditures shall be reported to Greenview Council at the next available opportunity.
 - 4.1.3. Proper documentation of purchases is required.

5. Contracts

5.1. Written contracts other than direct purchase orders should be used in situations where there is a need to specify in writing the requirements for supply or continuing supply of goods and or services, and the need to identify each party's degree of responsibility and or liability in the case of damage, default or loss.

- 5.1.1. The expenditure officer must ensure that the necessary holdback percentage is withheld from progress payments where there is a holdback charge to compensate for potential defective work or claims from third parties. Progress payment or invoices related to contracts should be approved only after the person responsible for the contract certifies performance of services or receipt of goods or confirmed the percentage of work completed. Generally this performance certificate is supplied by an engineering firm or project contract manager.
- 5.1.2. A statutory declaration and WCB declaration must be obtained from the contractor and the third parties where required to discharge all claims and obligations against the municipality before payment is made and before any holdback or deposit is released. All defects must be corrected before the final payment is approved and security deposits are returned.

6. Purchase Orders

- 6.1. Purchases over \$1,500.00 must be initiated by either a purchase order or by way of written agreement prior to acquisition.
- 6.2. Purchase orders are not required for the following:
 - 6.2.1. Purchases under \$1,500.00;
 - 6.2.2. Petty cash;
 - 6.2.3. Personal expense claims;
 - 6.2.4. Progress payments (these are covered by signed agreements);
 - 6.2.5. Utility invoices;
 - 6.2.6. Other services such as legal and municipal insurance;
 - 6.2.7. Long-term contracts or service agreements;
 - 6.2.8. Lease agreements;
 - 6.2.9. Credit card purchases.

7. Cheque Requisitions

- 7.1. Are required for all grant expenditures.
- 7.2. Are required for that do not have an invoice such as the School Requisitions, etc., except for personal expense claims, these will be paid based on the personal expense claim and the manager's approval of the claim.

8. Invoice Approval

- 8.1. The Acting Chief Administrative Officer (ACAO) may sign up to the Chief Administrative Officers limit while serving as the designated Acting Chief Administrative Officer. When the Acting Chief Administrative Officer signs in the absence of the Chief Administrative Officer, they should include ACAO after signature to indicate to the Accounts Payables department their authority to sign higher expenditure limits.
- 8.2. To avoid penalty charges the Chief Administrative Officer, Manager, Finance and Administration or General Manager, Corporate Services may approve an invoice related to ongoing operations, such as gas, electric or utility invoices, with a copy being shared with the responsible expenditure officer.

9. Purchasing Methods

- 9.1. Direct purchases from a supplier paid by credit card must comply with the provisions of this policy. Employees who occupy positions with delegated low dollar value purchasing authority may be eligible for purchasing cards upon approval by the Chief Administrative Officer. Every card holder shall be informed of and must agree to the responsibilities and restrictions regarding the use of the purchasing card. Purchasing cards include gas cards and credit cards.
- 9.2. Greenview's expenditure officers may sole source items that are equal to or less than \$10,000.00 if it is beneficial to the organization to do so.
- 9.3. Purchases between \$10,000.00 and \$74,999.99:
 - 9.3.1. Expenditure Officers must attempt to obtain a minimum of three (3) formal written price quotes signed by an authorized agent of the supplier. Quotes must be documented and include the date, name of the supplier and contact person, total cost of quote, and must be signed by the individual requesting the quote. Purchase must be initiated by purchase order or contract. In the event that the vendor provides a unique good, service, or software not readily available on the open market this must be noted in the purchase order or contract.
 - 9.3.2. The use of Day Labour from service providers who have responded to Greenview's advertisement for Day Labour services and are included in Greenview's Day Labour Source Book, are considered to meet this requirement.
- 9.4. Purchases over \$75,000.00:
 - 9.4.1. Expenditure Officers must abide by the NWPTA and AIT (see table in Section 12 (1)) as required for purchases over \$75,000.00 but under NWTPA and AIT thresholds the Expenditure Officer must attempt to obtain a minimum of three (3) formal written price quotes signed by an authorized agent of the supplier. Quotes must be documented and include the date, name of the supplier and contact person, total cost of quote, and must be signed by the individual requesting the quote. A contract must be signed for all purchases over this limit. The signed contract may be a sales agreement for vehicle and equipment purchases. All contracts shall clearly indicate each party's responsibilities, date, duration of contract, and have the supplier's authorized agent's signature as well as the appropriate Greenview signatures.

10. Tendering/Requests for Proposals

10.1. Tenders or Request for Proposals must be issued in compliance with the New West Partnership Trade Agreement (NWPTA), an accord between the Governments of Alberta, British Columbia and Saskatchewan; as well as the Agreement on Internal Trade (AIT, 2015, Annex 502.4) an agreement between all Canadian Governments. Tender or Request for Proposals must be issued using the NWPTA and AIT thresholds unless they fall under the excluded procurements as defined by the agreements.

Туре	NWPTA	AIT
Goods	\$75,000.00	\$100,000.00
Services	\$75,000.00	\$100,000.00
Construction	\$200,000.00	\$250,000.00

- 10.2. All tender or request for proposal notices must be posted on the Alberta Purchasing Connection Website www.purchasingconnection.ca. Additional means of tendering notices may also be used.
- 10.3. The lowest bid meeting the tender or request for proposal requirements and/or specifications will normally be accepted. Justification in writing along with recommendation must be submitted if the lowest bidder is not selected. Normally the only acceptable reasons for selecting any but the lowest bidder would be:
 - 10.3.1. Low bidder does not meet specifications;
 - 10.3.2. Low bidder cannot deliver within the required time;
 - 10.3.3. The quality of performance of previous contracts or services may be in question;
 - 10.3.4. The acceptance of the low bid would result in higher overall end costs (such as operating or life cycle costs);
 - 10.3.5. The ability, capacity, experience and efficiency of the bidder.
- 11. The opening of tenders or requests for proposal must be completed in a public setting.



REQUEST FOR DECISION

CAO: MH

MANAGER: GC

SUBJECT: Solid Waste Labourer Position

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017

DEPARTMENT: ENVIRONMENTAL SERVICES GM: GG PRESENTER: GC

RELEVANT LEGISLATION:

Provincial (cite) - N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That council approve an additional fulltime position in Environmental Services Department for a Solid Waste Labourer.

BACKGROUND/PROPOSAL:

At the present time the Solid Waste Department consists of nine employees. There are seven permanent part time transfer station attendants, and three fulltime employees. The fulltime positions are those of the Solid Waste Supervisor, Bin Truck Operator and the Greenview Regional Landfill Operator.

As of November 2017, Greenview reduced Puskwaskau Landfill to one day per week due to the lack of usage at this location. This employee was then utilized within the Solid Waste Department where additional assistance was required. In doing so, Environmental Services found there to be a much greater need for another employee throughout the department then was first anticipated. A review of the existing budget confirmed that funds are available to cover another full time employee's wages for the remainder of 2017.

Since bringing this staff member on as a more regular position the employee has been assisting at the sites with clean up, organization, maintenance and relief attending as required. Now Environmental Services has a designated operator for the skid steer, the department is able to complete jobs more efficiently and independently rather than relying solely on another department or contractor to complete these projects.

Environmental Services is now able to provide adequate coverage for the Bin Truck Operator when time off is required. The department is able to offer the same level of service at the Greenview Regional Landfill when necessary without interrupting other services in the department.

By creating the position of Solid Waste Labourer, Administration will be abolishing the relief attendant position as this will be part of the new job. A requirement of this position is for the employee to have a class 3 driver licence and a minimum of one year operating experience.

Other job duties of this position would be but not limited to:

- 1. Relief operate bin truck
- 2. Assist the Greenview Regional Landfill Operator when required. This duty would include relief operating at the site as well as helping one day a week compacting and covering garbage at the Greenview Regional Landfill as per Greenview Regional approval.
- 3. Skid steer operator. Snow removal at the department's facilities will be completed with this equipment. Transfer site cleanup (keeping the metal organized and wood piles pushed back) and any other tasks that require equipment. Assist in the utility department when the equipment is necessary. Assistance would be required for jobs such as man hole, cc maintenance and other underground repairs.
- 4. Staff support to the Transfer Attendants. This employee will help organize e -waste and other material at the sites. Assisting in Freon removal will also be required and relief attend when the need arises. This employee would help with vegetation control and fence maintenance as well as other minor maintenance jobs at the sties.

As the Environmental Department continues to move forward with many changes and projects, the need for an overall support staff throughout the department is greatly needed. This position will be utilized accordingly and efficiently.

Environmental Services has put a priority in regards to site cleanup for the past year and the efforts are being recognized. Environmental Services has received many compliments from the rate payers about the changes throughout the various Transfer Stations and the Transfer Station attendants are feeling more positive towards being a part of the Greenview team since they have been receiving regular support when requested.

BENEFITS OF THE RECOMMENDED ACTION:

- 1. By council approving the Solid Waste Labourer position the department would maintain regular maintenance and support to the staff on a continuous basis.
- 2. The benefit of the recommended action would lower the operating costs of hiring an outside contractor when the tasks would be handled internally.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommended action.

ALTERNATIVES CONSIDERED:

Alternative #1: Administration could contract out the work for site maintenance and clean up, relief operating at the Regional landfill and the bin truck operator when necessary. This would increase the financial operating cost for Greenview in comparison to hiring one employee that is able to fulfill these tasks. By employing a Solid Waste Labourer, Environmental Services can handle the unforeseen circumstances that arise efficiently rather than hiring a contractor.

Alternative #2: The Environmental Services Department could continue to use staff from both Utilities and the Solid Waste to complete the tasks. This will affect the level of service that is provided by the utilities department and the solid waste department if continued to do so. With adjusting current staff from their duties, it increases other employee work loads and decreases the efficiency and time that is associated with the utilities department.

FINANCIAL IMPLICATION:

Direct Costs: Budget has been reviewed and there is enough money for the wages of fulltime employee in the current 2017 budget.

Ongoing / Future Costs: Wages for the Solid Waste Labourer position

STAFFING IMPLICATION:

Hiring the full time solid waste labourer position will help the workload and will not interrupt other employees and their responsibilities in the Environmental Services Department.

PUBLIC ENGAGEMENT LEVEL:

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

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FOLLOW UP ACTIONS:

The follow-up actions would include the hiring of the of the Solid Waste Labourer position.

ATTACHMENT(S):

N/A



REQUEST FOR DECISION

SUBJECT: **EOI Contractor Cap Consideration**

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER:

DEPARTMENT: INFRASTRUCTURE & PLANNING GM: GG PRESENTER: GG

RELEVANT LEGISLATION:

Provincial (cite) -

Council Bylaw/Policy (cite) -

RECOMMENDED ACTION:

MOTION: That Council accept the Expression of Interest contractor workday cap to be fixed at twenty (20) working days.

BACKGROUND/PROPOSAL:

During the regular scheduled Council meeting held May 23rd Council and administration worked through questions related to hiring equipment from the Expression of Interest book. These questions, helped guide Council to make decisions to allow administration to craft a future Policy.

Council requested administration to research and bring back what would be perceived as a fair hiring cap for the contractor but also works well for Greenview with respect to efficiency and quality control.

Administration feels that using a workday cap over a dollar value cap would require less administrative time to track the suggested cap and would be more readily understandable by contractors while allowing them to more accurately plan and commit to projects.

Administration is suggesting a 20 day workday cap, which is defined as up to 20 workdays, excluding rainout days. One call out to work will be the equivalent to a maximum of 20 workdays or less to project completion.

As an example, a contractor has started to work for Greenview on a project(s). The contractor's duration of work will be considered to a maximum of 20 days.

If the project had not been completed in the hired contractor's 20 workday cap, the next contractor on the list to be called will be given the opportunity to work for Greenview even if it is for one workday, or more, to complete the project. Then that contractor then moves to the bottom of the list.

BENEFITS OF THE RECOMMENDED ACTION:

- 1. The benefit of the recommendation is to allow for the completion of most executed day labour projects within the suggested 20 workday time frame utilizing consistent work crews.
- 2. The benefit of the recommendation will help project consistency by using one contractor from start to finish for most projects.
- 3. The benefit of the recommendation will also require less administrative tracking time for hired contractors.

DISADVANTAGES OF THE RECOMMENDED ACTION:

- 1. The disadvantages of the recommendation may see multiple contractor's cycle through a lengthier project, creating more cost and administrative tracking and making quality control more difficult.
- 2. The disadvantages of the recommendation may see increased Day Labour foremen frustration with more scheduling and continued project orientations with new hired contractors/operators.
- 3. The disadvantages of the recommendation may see contractor frustration with the recommended twenty (20) workday cap.

ALTERNATIVES CONSIDERED:

Alternative #1: Council could increase or decrease the recommended twenty (20) workday cap.

Alternative #2: Council could choose an entirely different type of contractor cap or no cap at all.

Alternative #3: Council could choose for administration to continue to hire contractors from the EOI book for the duration of the project.

*The impact of the disadvantages outlined is directly related to the cap. Increasing the cap will decrease the impact of the disadvantages and vice versa.

FINANCIAL IMPLICATION:

Direct Costs: Will require increased project cost if project runs longer than any imposed Cap.

Ongoing / Future Costs: Same as above.

STAFFING IMPLICATION:

More administrative tracking time spent due to any imposed cap. With the increased challenges imposed on Day Labour supervisors, Greenview may also have the risk of losing these contractors.

PUBLIC ENGAGEMENT LEVEL:

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

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FOLLOW UP ACTIONS:

Administration to craft a new Policy to reflect Council's direction.

Administration will need to notify all 2017/18 contractors that submitted their equipment for hire in the Expression of Interest book on Council's direction to change the current hiring procedure and suggested cap.

ATTACHMENT(S):

No attachments



REQUEST FOR DECISION

SUBJECT: Tri-Municipal Industrial Partnership Update

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: KK DEPARTMENT: ECONOMIC DEVELOPMENT GM: DM PRESENTER: KK

RELEVANT LEGISLATION:

Provincial (cite) –N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council accept the Tri-Municipal Industrial Partnership presentation as information.

BACKGROUND/PROPOSAL:

A Tri-Municipal Industrial Partnership, consisting of three stakeholders, Greenview, County of Grande Prairie and the City of Grande Prairie was established in December 2016, with a project initiative of developing a heavy industrial area approximately 30 km south of Grovedale.

Greenview Administration will provide an update on the Tri-Municipal Industrial Partnership activities todate and the planned future initiatives.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of accepting the presentation as information is that Council will be updated on the future plans, initiatives and benefits of the Tri-Municipal Industrial Partnership.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to accepting the presentation as information.

ALTERNATIVES CONSIDERED:

Alternative #1: N/A

FINANCIAL IMPLICATION:

Direct Costs: N/A

STAFFING IMPLICATION: N/A

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

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PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS: N/A

ATTACHMENT(S):

• Tri-Municipal Industrial Partnership Action Log

Tri Municipal Industrial Partnership Action Log

Meeting Date	Action	Motion	Responsible Party	Notes	Assigned To	Timeline	Status
	Need to identify how partners will manage financial dealing with respect to this project until such time as the project is a formal entity under direction of PM.		Governance		MD Greenview	1-Sep-2017	Completed
	Committee to identify who may sign legal, financial, and operational documents on behalf of the organization.		Governance		MD Greenview	16-Feb-2017	Completed
15-Mar-2017	Establish Communications Protocol	MOTION: 17.02.05 Moved by: MEMBER TOM BURTON - That the Tri-Municipal Industrial Development Committee directs the partnering Administrations to draft a communications protocol. MOTION: 17.03.12 Moved by: MEMBER TOM BURTON - That the Tri-Municipal Industrial Partnership Committee adopt the Communications Protocol, as presented or amended with the approval of the Chairperson	Administration	_	Diane Carter	15-Mar-2017	Completed
	Name of Project		Administration	The Committee will determine the best operating name for the project Kevin Keller during its development process	Kevin Keller	1-Apr-2017	Completed
	Name Launch		Administration	Identify location and time to release new project name to media	Kevin Keller	1-May-2017	Completed
	February 2017 Photo Opportunity		Governance			22-Feb-2017	Completed
	Assign Chairman and two vice-chairs		Governance			16-Feb-2017	Completed
6-Apr-2017	Administration Meeting		Administration	Joint Administration Meeting	Kevin Keller	27-Apr-2017	Completed
6-Apr-2017	Invite Devco to Next Meeting		Administration		Kevin Keller	4-May-2017	Completed
6-Apr-2017	Admin to meet with AEP regional representatives		Administration		Kevin Keller	24-Apr-2017	Completed
6-Apr-2017	Contact Keith McLaughlin with an update on the committee's initiatives	MOTION: 17.04.35 Moved by: VICE CHAIRPERSON BILL GIVEN - That the Tri-Municipal Industrial Partnership Committee direct Vice Chairperson Leanne Beaupre to contact Keith McLaughlin with an update on the committee's initiatives.	Governance		Vice Chairperson Leanne Beaupre	4-May-2017	Completed
6-Apr-2017	Develop Vision Statement	MOTION: 17.04.32 Moved by: VICE CHAIRPERSON BILL GIVEN - That the Tri-Municipal Industrial Partnership Committee direct Administration to develop vision statement options for review at the next meeting.	Administration	Administration to develop vision statement ideas for committee to choose from - Admin to provide 3 versions at May 24, 2017 meeting	MD Greenview	4-May-2017	Completed
6-Apr-2017	Terms of Reference	MOTION: 17.04.26 Moved by: MEMBER LES URNESS - That the Tri-Municipal Industrial Partnership Committee adopt the revised Tri-Municipal Industrial Partnership Terms of Reference, as amended.	Administration	Update terms of references with amendments made at 2017-04-06 meeting - TOR updated and carried on May 4 2017	Kevin Keller	4-May-2017	Completed

6-Apr-2017	Develop Job Description for Project Manager	MOTION: 17.04.33 Moved by: VICE CHAIRPERSON BILL GIVEN - That the Tri-Municipal Industrial Partnership Committee accept for information the Human Resources Report, as presented and direct administration to develop a job description for the next meeting.	Administration		Kevin Keller	4-May-2017	Completed
15-Mar-2017	Tri Municipal Industrial Partnership Boundary	Per the Agreed upon Terms of Reference dated May 4, 2017	Administration				Completed
6-Apr-2017	2017 Budget	MOTION: 17.04.34 Moved by: MEMBER JACKIE CLAYTON - That the Tri-Municipal Industrial Partnership Committee adopt the 2017 Budget, as amended.	Administration		Kevin Keller		Completed
15-Mar-2017	Public Lands Initial Consultation - Admin		Administration		Kevin Keller	24-Apr-2071	Completed
4-May-17	Chair to contact Minister of Energy	MOTION: 17.05.39 Moved by: Vice Chairperson Bill Given - That the Tri-Municipal Industrial Partnership Committee accept the presentation from DevCo Development, as information. Carried	Governance		Chair Gervais	5-May-17	Completed
4-May-17	Administration to contact AEP local Manager & request assistance is assembling list of ministry stakeholders	MOTION: 17.05.39 Moved by: Vice Chairperson Bill Given - That the Tri-Municipal Industrial Partnership Committee accept the presentation from DevCo Development, as information. Carried	Administration		CAO's	19-May-17	Completed
4-May-17	EDO's to work with Devco to prepare statistics and solutions for province	MOTION: 17.05.39 Moved by: Vice Chairperson Bill Given - That the Tri-Municipal Industrial Partnership Committee accept the presentation from DevCo Development, as information. Carried	Administration		EDO'S	8-May-17	Completed
15-Mar-2017	Public Lands Initial Consultation - Political		Governance				Ongoing
15-Mar-2017	Market Analysis / Business Case		Project Manager			Subject to hiring PM	Ongoing
15-Mar-2017	Development Phases		Project Manager			Subject to hiring PM	Ongoing
15-Mar-2017	Area Structure Plan / Development Concept Plan		Project Manager			Subject to hiring PM	Ongoing
15-Mar-2017	Name / Logo / Brand		Project Manager			Subject to hiring PM	
6-Apr-2017	Communications Plan		Administration	Communication Officers to draft a plan for the committee	Diane Carter	28-Jul-2017	Ongoing
	Strategic Plan		Project Manager			Subject to hiring PM	Ongoing
	Committee to identify prospective legal council to utilize to draft formal agreement that will meet needs of all participants - April 2017 CAO Haugen engaged the services of Reynolds Mirth to develop the Partnership Agreement		Administration		Mike Haugen	28-Jul-2017	Ongoing
	Based on recommendations of legal council and administration the Committee will determine which legal form (Corporation Status) the partnership evolve into.		Administration		Kevin Keller		Ongoing
	Organizational Chart		Administration		Kevin Keller		Ongoing
	General Ledger Codes		Administration		Kevin Keller	15-Sep-2017	Ongoing

Establish accounting systems in accordance with "which format the organization" undertakes - not for profit, profit corporation, society, etc.
--

Administration

Governance

Project Manager

Bill Rogan

Brian Glavin

Chairperson Dale Gervais

Chris King

Diane Carter

Kevin Keller

Leslie Nielsen-Bjerke

Member Bill Smith

Member Jackie Clayton

Member Les Urness

Member Ross Sutherland

Member Tom Burton

Mike Haugen

Robert Nicolay

Tara Zeller

Vice Chairperson Bill Given

Vice Chairperson Leanne Beaupre

MD Greenview

GP County

City of GP

Ongoing

Completed



REQUEST FOR DECISION

SUBJECT: Tri-Municipal Industrial Partnership Amended Terms of Reference and Boundary

Revision

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: KK DEPARTMENT: ECONOMIC DEVELOPMENT GM: DM PRESENTER: KK

RELEVANT LEGISLATION:

Provincial (cite) -N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council approve the Tri-Municipal Industrial Partnership amended Terms of Reference and Boundaries as presented.

BACKGROUND/PROPOSAL:

The Tri-Municipal Industrial Partnership Committee has reviewed and approved the amended Terms of Reference and Boundaries at the May 24, 2017 meeting. The amendments to the original Terms of Reference were suggested as to provide further clarity, consistency and boundary adjustments within the document.

Greenview Administration is recommending to Council that the amended Terms of Reference be adopted. The municipal partners are required to adopt the amended Terms of Reference and boundaries in order for the initiative to move forward.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of adopting the amended Tri-Municipal Industrial Partnership Terms of Reference and Boundary is that there will be clarity as to the committee's governance as well as an agreed upon project boundary.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantage to approving the amended Tri-Municipal Industrial Partnership Terms of Reference.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to further amend the Tri-Municipal Industrial Partnership Terms of Reference, however this may result in a further time delay and may not be in alignment with the Tri-Municipal Industrial Partnership Committee's direction.

FINANCIAL IMPLICATION:		
Direct Costs: N/A		
STAFFING IMPLICATION:		
N/A		

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will facilitate with the other municipal partners as to their endorsement of the amended Terms of Reference and Boundaries.

ATTACHMENT(S):

- March 28, 2017 Greenview Council approved Tri-Municipal Industrial Partnership Terms of Reference
- Amended Tri-Municipal Industrial Partnership Terms of Reference
- Schedule "A" Boundary Map



Tri-Municipal Industrial Partnership Terms of Reference

WHEREAS the Municipal District of Greenview No. 16, County of Grande Prairie No. 1, and the City of Grande Prairie (the Parties) wish to jointly establish a world class industrial development area (the Area) within the Municipal District of Greenview,

and,

The Parties wish to establish a steering committee (the Committee) to guide the development of the Area.

NOW THEREFORE the Committee is established as per the following:

1. Composition

1.1. The Committee shall be comprised of the following voting members chosen from the elected Councils of the Parties as follows:

Municipal District of Greenview: Four (4)
County of Grande Prairie: Two (2)
City of Grande Prairie: Two (2)

- 1.2 Each Party shall appoint their own voting representative(s) as members of the Committee.
- 1.3. The Committee shall be comprised of the following non-voting members:
 - a) The respective Chief Administrative Officers or their designates;
 - b) The respective Economic Development Officers or their designates;
 - c) The Tri-Municipal Industrial Partnership Chief Executive Officer (if established); and,
 - d) Other administrative support such as a recording secretary, as required.
- 1.4. Greenview will appoint a Chairman annually from among the Greenview voting members. The Committee will annually appoint two (2) Vice-Chairs.
- 1.5. Quorum of the Committee shall be at least four (4) voting members consisting of at least two (2) members from Greenview and one (1) from each of the other Parties.



2. Duties

- 2.1 The Committee shall have the following duties:
 - a) Identify the specific geographic boundaries of the Area as referenced in Schedule "A";
 - b) Organize resources to develop a market analysis, business plan and initial budget for proposal to the Parties;
 - c) Authority to appoint, organize and assemble the Human Resources and materials to aid in the selection of the Chief Executive Officer and/or Project Manager;
 - d) Oversee the hiring of a Chief Executive Officer and/or Project Manager pending approval of such position by the Parties;
 - e) Oversee the activities of the Chief Executive Officer and/or Project Manager;
 - f) Guide the Committee to a separate corporate status controlled by the Parties;
 - g) Oversee the development of lease agreements, Area Structure Plans, required consultations, marketing plans, incentive plans, websites, etc.;
 - h) Development of a corporate name, brand and logo for the Area;
 - i) Provide regular reports regarding the progress of development to the respective Parties:
 - j) Establish regular meeting dates in order to facilitate business;
 - k) Recommend annual budgets to the respective Parties; and
 - l) Advocate on behalf of the Tri-Municipal Industrial Partnership project with all applicable stakeholders.
 - m) Develop a partnership agreement for approval by all Parties based on the established principles.

Principles

- 3.1 The Committee will operate and incorporate the following principles:
 - a) Costs associated with direct development within the management Area will be borne by all Parties based on the formula stated in Section 3.1 c, Subsections i - iv; and
 - b) The Committee will operate in a governance and oversight capacity. Elected members will not engage in the Administrative tasks of the project.
 - c) The partnership agreement shall incorporate the following principles:
 - Dividends and benefits of the Tri-Municipal Industrial Partnership project will be divided to each of the Parties based on the ratio of funding committed to the Tri-Municipal Industrial Partnership project by the Parties.
 - Dividends and benefits of the Tri-Municipal Industrial Partnership project will be based on net revenues (direct revenues less costs).
 - Costs include direct investment, marketing, and operations of the Tri-Municipal Industrial Partnership project/area that are shared by the Parties.
 - Dividends and benefits will only apply to new industrial developments as identified within the Tri-Municipal Industrial Partnership boundary (linear and existing development revenues are not eligible for dividend distribution). 180



4. Conduct

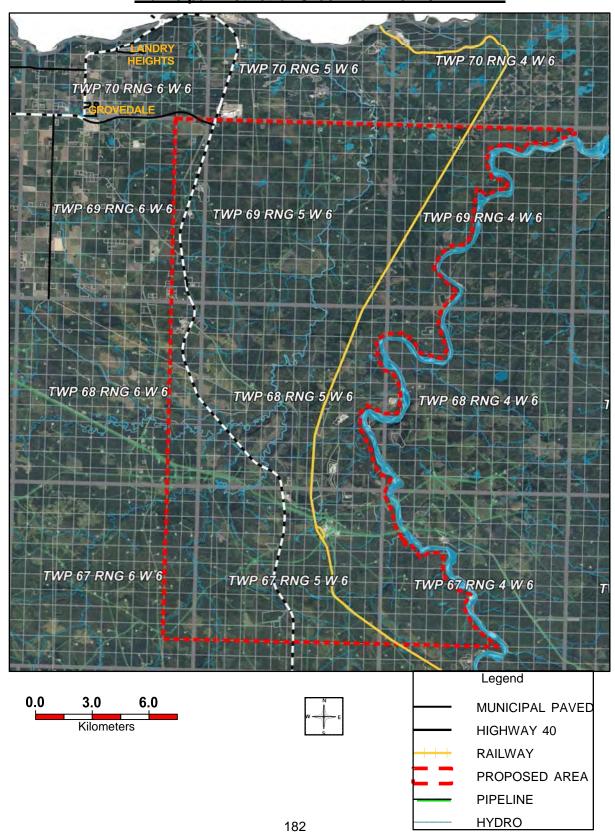
- 4.1 Official Minutes of all meetings will be recorded and submitted to the respective Parties.
- 4.2 Normal meeting dates will be determined by the Committee. Meetings can be called by any party with at least two weeks' notice.
- 4.3 Tied votes are deemed to be defeated.

5. Miscellaneous

5.1 Terms of Reference may be amended with the consent of all participating parties.

Schedule "A"

Municipal District of Greenview No. 16 - DRAFT





Tri-Municipal Industrial Partnership Terms of Reference

WHEREAS the Municipal District of Greenview No. 16, County of Grande Prairie No. 1, and the City of Grande Prairie (the Parties) wish to jointly establish a world class industrial development area (the Area) within the Municipal District of Greenview,

and,

The Parties wish to establish a steering committee (the Committee) to guide the development of the Area.

NOW THEREFORE the Committee is established as per the following:

1. Composition

1.1. The Committee shall be comprised of the following voting members chosen from the elected Councils of the Parties as follows:

Municipal District of Greenview: Four (4)
County of Grande Prairie: Two (2)
City of Grande Prairie: Two (2)

1.2. Composition of the Tri-Municipal Industrial Partnership Committee membership is based on the following Funding Formula:

Municipal District of Greenview: 50% County of Grande Prairie: 25% City of Grande Prairie: 25%

- 1.3. Each Party shall appoint their own voting representative(s) as members of the Committee.
- 1.4. The Committee shall be comprised of the following non-voting members:
 - a) The respective Chief Administrative Officers or their designates;
 - b) The respective Economic Development Officers or their designates;
 - c) The Tri-Municipal Industrial Partnership Chief Executive Officer (if established); and,
 - d) Other administrative support such as a recording secretary, as required.
- 1.5. Greenview will appoint a Chairman annually from among the Greenview voting members. The Committee will annually appoint two (2) Vice-Chairs.
- 1.6. Quorum of the Committee shall be at least four (4) voting members consisting of at least two (2) members from Greenview and one (1) from each of the other Parties.

2. Duties

- 2.1 The Committee shall have the following duties:
 - a) Review the specific geographic boundaries of the Area as referenced in Schedule "A". Amendments to the Boundaries identified in Schedule A may be considered by the Tri-Municipal Industrial Partnership Committee from time to time where the efforts of the Tri-Municipal Industrial Partnership are perceived to have given rise to development interest. Any such Amendments will be subject to the sole and unfettered approval of the Municipality in which the lands are located;
 - Organize resources to develop a market analysis, business plan and initial budget for proposal to the Parties;
 - c) Authority to appoint, organize and assemble the Human Resources and materials to aid in the selection of the Chief Executive Officer and/or Project Manager;
 - d) Oversee the hiring of a Chief Executive Officer and/or Project Manager pending approval of such position by the Parties;
 - e) Oversee the activities of the Chief Executive Officer and/or Project Manager;
 - f) Guide the Committee to a separate corporate status controlled by the Parties;
 - g) Oversee the development of lease agreements, Area Structure Plans, required consultations, marketing plans, incentive plans, websites, etc.;
 - h) Development of a corporate name, brand and logo for the Area;
 - i) Provide regular reports regarding the progress of development to the respective Parties;
 - j) Establish regular meeting dates in order to facilitate business;
 - k) Recommend annual budgets to the respective Parties; and
 - I) Advocate on behalf of the Tri-Municipal Industrial Partnership project with all applicable stakeholders.
 - m) Develop a partnership agreement for approval by all Parties based on the established principles.

3. Principles

- 3.1 The Committee will operate and incorporate the following principles:
 - a) Costs associated with direct development within the Project Area will be borne by all Parties based on the formula stated in Section 1.2; and
 - b) The Committee will operate in a governance and oversight capacity. Elected members will not engage in the Administrative tasks of the project.
 - c) The partnership agreement shall incorporate the following principles:
 - Net Revenue Sharing of the Tri-Municipal Industrial Partnership project will be divided to each of the Parties based on the ratio of funding committed to the Tri-Municipal Industrial Partnership project by the Parties.
 - ii. Net Revenue Sharing of the Tri-Municipal Industrial Partnership project will be based on net revenues (direct revenues including property tax revenues less costs).
 - iii. Costs include direct investment, marketing, and operations of the Tri-Municipal Industrial Partnership project/area that are shared by the

Parties.

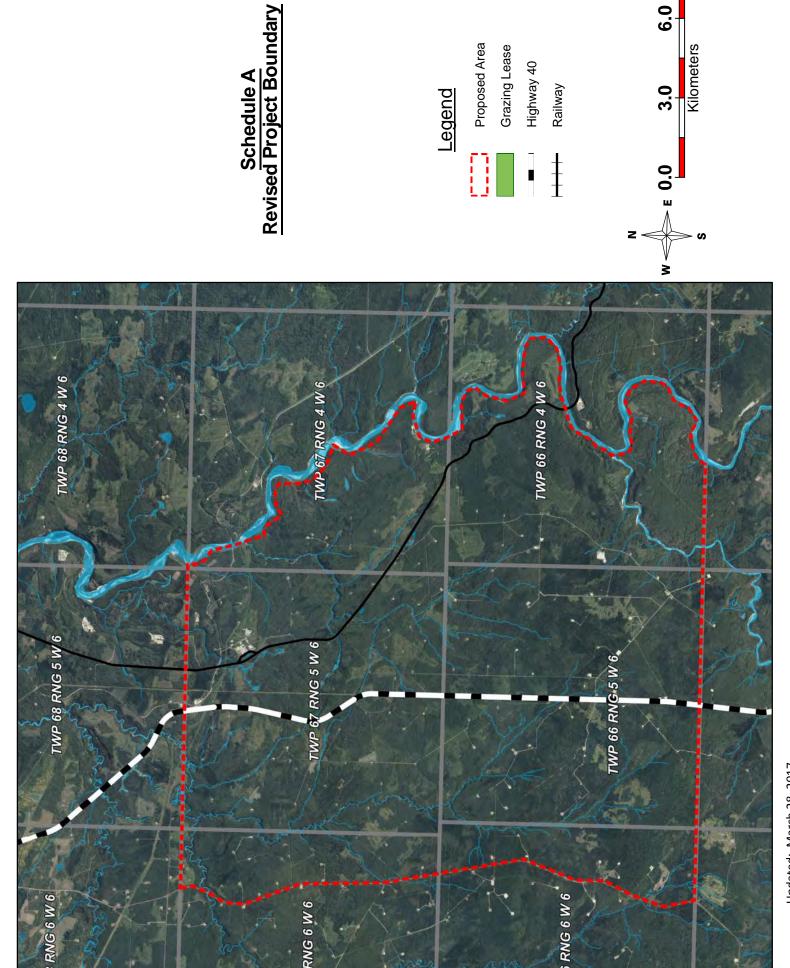
iv. Net Revenue Sharing will apply to new industrial developments directly related to the Project Area. For clarity, linear assessment serving the project area shall be included and linear assessment intersecting the area shall not. (Existing assessment is not eligible for net revenue sharing).

4. Conduct

- 4.1 Official Minutes of all meetings will be recorded and submitted to the respective Parties.
- 4.2 Normal meeting dates will be determined by the Committee. Meetings can be called by any party with at least two weeks' notice.
- 4.3 Tied votes are deemed to be defeated.

5. Miscellaneous

5.1 Terms of Reference may be amended with the consent of all participating parties.



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Updated: March 28, 2017



REQUEST FOR DECISION

SUBJECT: Geothermal Viability Investigation

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER: KK DEPARTMENT: ECONOMIC DEVELOPMENT GM: DM PRESENTER: KK

RELEVANT LEGISLATION:

Provincial (cite) -N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council endorse supporting further investigation into the viability of geothermal opportunities within Greenview.

BACKGROUND/PROPOSAL:

Greenview Council received a presentation from Dr. Jonathan Banks and Terrapin Geothermics on May 9, 2017 regarding the opportunity for geothermal heat and energy options within Greenview.

Administration is recommending to Council to support further investigation and studies into the viability and commercial impacts of geothermal heat and energy production within two identified areas within Greenview (Fox Creek area and the Tri-Municipal Industrial Partnership Gold Creek Industrial area).

The Geothermal opportunity aligns well with the development of these two locations and would provide a distinct economic advantage for both proposed locations, should they be found suitable for heat and/or energy production, with the potential of commercial viability.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of endorsing support of further investigation into the viability of geothermal opportunities within Greenview is that Greenview will be able to determine if a project is commercially viable.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to endorsing support of investigation into the viability of geothermal opportunities within Greenview.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to deny further investigation into the viability of geothermal opportunities within Greenview, however Greenview may forego future clean energy opportunities.

FINANCIAL IMPLICATION:

Direct Costs: Unknown

STAFFING IMPLICATION: N/A

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

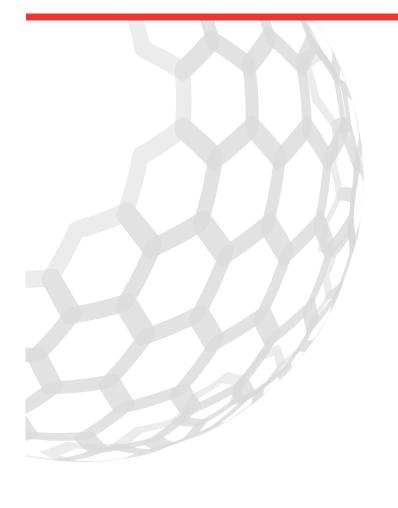
Inform - We will keep you informed.

FOLLOW UP ACTIONS:

If Council supports further investigation into the viability of geothermal opportunities within Greenview, Administration will investigate and produce a report for Council's consideration.

ATTACHMENT(S):

• Terrapin Services Proposal



Geothermal Energy in Greenview

Understanding and Unlocking an Industry

Proposal by Terrapin Geothermics





Mr. Mike Haugen Chief Administrative Officer Municipal District of Greenview

Thank you kindly for the opportunity to speak with your Council and present this proposal. As previously discussed, and illustrated by the University of Alberta's geothermal deep dive report, there is substantial geothermal energy in the MD of Greenview and, potentially, a major opportunity for your region to utilize this resource. We are entering the early days of Alberta's geothermal industry. In the same way, Alberta has unlocked the tremendous potential of our oilsands resource, we are poised to leverage government support; talented engineering; and skilled labour to develop the future of Alberta's electricity system through geothermal energy.

Affordable heat and electricity are key inputs for the agriculture, oil & gas, and forestry sector in your region. Having a local geothermal project could attract substantial investment from these sectors in your region if lower energy input costs could be offered. In preliminary conversations with groups such as the Alberta Forest Products Association, it has already been identified that affordable, clean energy will be a major driver of future investment decisions for their industry and others.

With proper planning and a collaborative public private partnership approach, your region has the potential to offer a truly unique and impactful investment attraction offering. Aside from attracting new industries, geothermal energy could also become an innovative source of heat for internally driven projects such as your industrial park development. The challenge is that in order for your region to make informed decisions on how to proceed with this opportunity, further technical and economic analysis is needed.

Advisory Services

We strongly believe that the MD of Greenview needs to investigate this opportunity further before taking any further steps. In order to investigate this opportunity further, it is recommended you bring on an advisory group that possesses the experience and expertise to help make the decisions that will lead to successful project development.

As advisors for your government, Terrapin Renewables would:

- 1. Investigate the specific geothermal resource close to or on your current land development project;
- 2. Analyze the costs and viability of a geothermal project in that region;
- 3. Explore the available provincial, federal and grant funding available; and
- 4. Illuminate the main development considerations and decisions required for such a project.

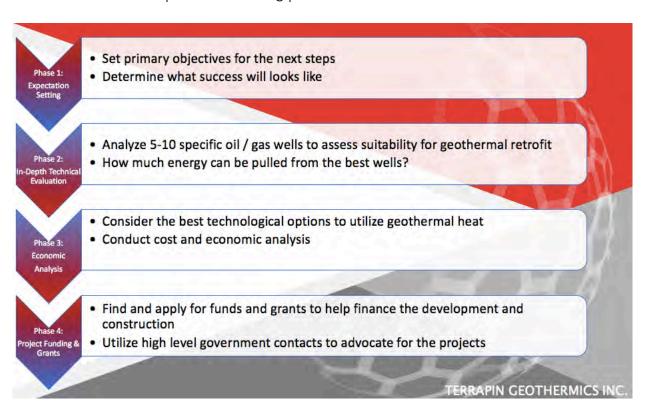


With our assistance, MD of Greenview's geothermal project could be amongst the first in line for clean tech grant funding via our advocacy efforts and expertise in grant writing.

Ultimately there are multiple paths your government could take, but every fork in the road will require further investigation and planning. Terrapin will assist your government in navigating the challenging steps towards bringing a project to life. With further cost and economic details, the MD of Greenview can make accurate, value-based decisions about next steps towards developing a successful geothermal project.

As such, Terrapin suggests an engagement in which work is broken down into distinct phases with set decision-making points. This will ensure that overall project costs are minimized, as there is no lock-in to complete the project if it is discovered in early phases that a larger project will not be economically feasible. To ensure transparency, Terrapin would charge a simple hourly rate for all work conducted with approvals required for the various phases of work to ensure value is constantly being delivered.

As an advisor, we anticipate the following phases:





Detailed Next Steps

Utilizing the results of Dr. Bank's deep dive study and guidance from the MD on specific preferential project locations, Terrapin anticipates the next steps to investigate this geothermal energy opportunity as being:

Phase 1 - Expectation & Direction Setting

Phase 1 Estimated Costs:

Estimated Costs: 10 hours x \$150 = \$1500

Phase 1 Deliverables:

- The scope of work and defined area for the well analysis for the MD of Greenview is set.
- Expectations and future deliverables for a geothermal project would be set falling in line with the MD of Greenview's development objectives and plans.

Phase 2 – Technical Evaluation of Nearby Wells for Development Site

Phase 2 Estimated Costs:

- Estimated Hours: 100 hours per sub-region, 2 sub-regions identified
- Estimated Costs: 200 hours x \$150/hour = \$30,000

Phase 2 Deliverables:

- Of the wells onsite or nearby, are there any good candidates for retrofit for geothermal use?
- What are the best well(s) to use for geothermal in the target region?
- How much energy can we get from the wells for geothermal heating or electricity use?
- Will a new production well need to be drilled?

Aspects Studied:

1) Site Identification:

 Utilizing well IDs, we will identify the bottom hole temperatures and drilled formations in the area in order to establish which wells in your target region have the necessary characteristics for potential geothermal use.



2) Detailed Well Study:

- Upon finding wells with sufficient temperatures and near formations with water bearing strata, we will acquire well logs and permeability/porosity data.
- Key well characteristics such as well age, casing integrity, and well upgrades needed will be analyzed.
- Analyze current well status with AER in order to best formulate strategy for well control or ownership

3) Core Study:

• If no sufficient permeability/porosity are available, acquire core material for new measurements to ensure the suitability of the well and / or the area's resource as being suitable for a geothermal power or heating project.

4) Energy Production Modeling:

Once all data is acquired, model production/injection from the well(s) which will garner
the information necessary to understand what quantity of heat or power could be
generated from a single oil well retrofitted for a geothermal heating or power project.

5) Estimated Cost for Well Retrofit

 Costs for well retrofits or deepening will be analyzed and estimated if the most suitable well needs upgrades for long term geothermal use.

Phase 3 - Economic Analysis of Geothermal

Estimated Costs:

Estimated Hours: 175 hours x \$150 / hour

Estimated Costs: \$26,250

Deliverables:

 A report that analyzes the most suitable type of geothermal technology for your region, including an economic payback calculation, a full cost analysis, and preliminary high level designs and layout.

Aspects Analyzed:

1) Project Technology & Cost Analysis

- Utilizing the most suitable wells in targeted site, and if the wells are deemed economical for energy production, we would work with the municipal district to pick the best technology to utilize to generate electricity and/or heat from these sites
- We would also work to engineer the project and ultimately procure the necessary equipment.



Develop strategy to most cost effectively take control of well's ownership.

2) Feasibility Analysis

This analysis would further investigate key technical and technological aspects of a geothermal project, while also surveying environmental, social, economic, risk, and institutional and regulatory considerations.

Phase 4 – Funding and Grant Search, Application and Advocacy

- Terrapin would conduct a Canada wide survey of existing grants and funding opportunities to share or reduce the cost of this project. Upon mutual agreement with the government, Terrapin would prepare a grant application and utilize our government contacts to advocate for the project.
- Collaboration and private partnerships with corporate and industry groups would be investigated in order to explore public private business models to reduce the project cost for the government.
- Deliverables and costs to be decided for Phase 4 at a later stage.



APPENDIX A: TERRAPIN GEOTHERMICS MANAGEMENT

Terrapin Geothermics Inc. is a privately-owned company founded by three partners: Tim Grover, Ryan Maxwell and Sean Collins. The firm also consists of a prominent group of experienced individuals from varying industries. The company is supported by partners at the University of Alberta.

Sean Collins

Sean is an entrepreneur and opinion leader within Alberta's energy system. As a co-founder of Student Energy, Sean helped grow this non-profit from a small, Calgary-based start up into a global charity with over 40,000 members in 121 countries. Sean was instrumental in creating over \$750,000 in operational revenues within Student Energy's first 36 months. Sean has spoken at the United Nations twice on innovative solutions to our global sustainability challenges. Raised in Fort McMurray, Sean has always been deeply connected to Alberta's energy system and was selected as one of 40 fellows appointed to the Energy Futures Lab, providing close connections to senior leaders from across industry and government. His start up experience includes a role as VP of Sustainitech, an Edmonton based containerized vertical farming entity that has raised over \$2,000,000 to date. Sean was also selected as one of the Top 40 under 40 in Edmonton in 2012.

Sean leads the Terrapin technical team and is focused on the successful delivery of the company's technical timeline and development path. Sean oversees relationships between Terrapin and various industry groups including the Petroleum Technology Alliance (PTAC), Canadian Geothermal Energy Association (CanGEA), and the Pembina Institute. Sean also works with Alberta Energy, the Alberta Energy Regulator, and Alberta Environment to assist the team in navigating regulatory and legislative concerns surrounding the deployment of the Terrapin Engine.

Ryan Maxwell

Ryan has owned several privately held companies, from small retail outlets to multi-million dollar real estate ventures, across varied industries including oil & gas, water, business development, and real estate. Ryan has developed business relations across North America and into the Middle East. These relationships are strong and active today. Ryan's experiences have allowed him to gain in-depth knowledge of capital raising and stakeholder relations across North America, and internationally. He has previously sat on several corporate and private Boards and brings a wealth of financial experience to Terrapin. Ryan oversees Terrapin's legal and financial activities with a focus on corporate finance and fundraising.



Tim Grover

Tim has 20 years' experience planning, financing and launching new businesses. Among his endeavors, he founded Shop Home Express Inc., one of the first on-line grocery businesses in Canada. A thriving venture, he took it public in 1999 with a highly successful IPO. What followed was Cargo & James Tea, an Edmonton based Specialty Tea franchise. Tim grew the chain from Vancouver to Halifax and won numerous awards. Tim has recently been instrumental in bringing a world-class waste water treatment engineering firm to Western Canada, and applying its products to the Oil & Gas Industries, First Nations communities, and the food processing industries. A graduate from the University of Calgary's Environmental Design program, Tim is helping develop a renewable energy business for the first time. As CEO of Terrapin, Tim's responsibilities are focused on the overall management and leadership of the company along with Government relations and grant procurement.

Stean Smith

Stean has over 20 years of experience in developing and operating profitable business. Previously, Stean owned and managed LPI Group which conducted strategic development for some of the world's largest companies including Labatt, Coca-Cola and Sobey's. With Terrapin, Stean is focused on ensuring that the company is ready to commercialize the Terrapin Engine. The management team believes that articulating a market and obtaining pre-orders of the engine should occur concurrently with the technological development. Stean can make that happen. He is articulating the market by entering into Letters of Intent with committed customers prior to the completion of the technology build.

Jake Bainbridge

Jake is a technology and industrial project development specialist. As a trained, APEGA-registered, aerospace engineer, Jake possesses the rigor and precision to chart and lead Terrapin's projects from conception to completion. Jake's core responsibility is to coordinate the design, engineering, and manufacturing work required for the successful completion of the Terrapin Engine project. Though previously focused on design work, Jake will be increasing his responsibilities in management and administration as the Terrapin engineering team grows. This corresponds with Jake's previous experience in management as Senior Project Engineer for Husky Energy's Sunrise Plant in Fort MacKay, Alberta. Jake will also be responsible for coordinating Terrapin's work with its external partners including the University of Alberta and our industrial manufacturing partner, MetalBoss Technologies.

Ryan Dick

Ryan has a deep international background in renewable energy project development and financing. He has been involved in successfully negotiating and winning concession/PPA agreements for 63.5 MW of renewable energy projects. As an entrepreneur, Ryan originated, developed and sold two large scale generation projects to an international consortium of investors including the large Spanish aerospace and engineering firm, SENER. His experience in energy project permitting, project design, feasibility analysis, project management, debt



structuring, and aboriginal stakeholders consultation is a key asset to our clients. Ryan has more than ten years of energy policy experience including advising and collaborating with all levels of governments on new renewable energy policy and regulations. In addition, as a project proponent, he worked with multi-lateral development banks like the Inter-American Development Bank, France's Proparco and Netherland's FMO on project financing for energy projects, aboriginal stakeholder consultation, and environmental impact assessments. An Alberta native, Ryan recently returned to the province to work for Terrapin after seven years of entrepreneurial and consulting stints focused on renewable energy in South America and Silicon Valley. While completing his Masters of Science in Sustainable Energy, Ryan's thesis included a jurisdictional review of renewable energy policy. As a partner at Terrapin, he works on market development and policy analysis for the Terrapin Engine commercialization strategy and renewable energy project consulting. With his diverse experience in energy, Ryan offers Terrapin's clients tremendous value from a multi-disciplinary and holistic perspective.

ADVISORY BOARD

Dr. Jonathan Banks

Jonathan is an inventor and Research Associate in the Earth and Atmospheric Sciences Faculty at the U of A. He is at the forefront of geothermal exploration in Western Canada, as well as a pioneering figure in low–temperature, micro–geothermal power generation. Terrapin will be continuing to engage Dr. Banks in identifying the best possible sites for geothermal deployment of the Engine.

Chris Best

Mr. Best has 20 years of experience in the Alberta power industry. Chris has worked with major power generators such as TransCanada, ENMAX and TransAlta. Chris led the Alberta Reliability Standards User Group (ARSUG), a peer-based industry group with over 50 members representing over 20 companies. Chris also provided expert testimony in AESO General Tariff Application rate hearings. Results included a favourable decision from AUC that upheld rates. Chris brings Terrapin a great deal of experience in the regulatory and application sectors. His overall power experience will be important to the company's growth.

Kelly Ogle

As a senior oil & gas executive and the former CEO of Connacher oil & gas, Kelly assists Terrapin in connecting with both well owners and executives at the highest levels of the oil & gas industry.



Kali Taylor

With a career that has taken her around the globe, Kali currently works with the International Institute for Sustainable Development in Geneva and is an advisor to Canada's Minister of Environment and Climate Change, Catherine McKenna. She is a co-founder and former Executive Director of Student Energy.

Ken Chapman

Ken is a veteran of Alberta's energy system. Ken works with GO Productivity and is the former Executive Director of the Oilsands Developers Group. He is connecting Terrapin with both the Alberta Energy Regulator and a major oil & gas company to advance a publicly funded well retrofit pilot project.



APPENDIX B: COMPLETE LIST OF TERRAPIN SERVICES AVAILABLE

Grant Writing & Fundraising

A significant number of grants and funding sources exist for sustainable energy projects in Alberta. Terrapin offers clients a hybrid payment option for environmental grant writing, part hourly for research and writing and part fee-for-success. With a high success rate of funding projects in past, let our team plan, write and pitch your project to potential funding sources.

Advocacy

Utilizing strong government connections and leadership access, Terrapin assists clients in advocacy efforts to promote local projects, initiatives, and views relating to energy projects. Previous advocacy work has included writing white papers to influence policy development, hosting events to build relationships with politicians and bureaucrats, and direct engagement with key influencers.

Investment Attraction

For Alberta to reach its target of developing over 5,000 MW of renewable energy projects by 2030, over \$20 billion in capital will be needed. Having developed energy projects of our own, Terrapin knows the incentives, messaging and networks that towns, cities and regions need to harness in order to tap into this multi-billion dollar investment attraction opportunity.

Energy Education

For many Albertans, energy is still an abstract concept. In a society where energy "just works" and is always available at the flick of a switch, it can be very difficult for many people to understand the complexity in our energy system. The Terrapin team has been part of some of the most ground breaking educational initiatives in Canada for energy topics. The driving focus of our education efforts is to make energy topics more accessible and exciting to the average person. Our team has created and published some of the most viewed energy educational material on the internet.

Feasibility Analysis and Economic Modeling

Terrapin works with clients such as municipal districts, counties and cities to conduct pre- and full feasibility studies on renewable energy projects. Terrapin's work ensures that our clients can make the most educated decision possible. These investigative efforts provide:

Site Analysis

 Evaluates how the technology will be able to meet the needs /opportunity of the proposed project. Includes: study of project location characteristics, geothermal resource specifics, a system analysis, and total possible energy production.

Technological Analysis

 Discuss the technology options in general to provide a baseline knowledge for the MD of Greenview government when evaluating key considerations that could affect the success and failure of a geothermal project



Institutional & Regulatory Analysis

• Investigating the legislative and regulatory framework surrounding the proposed project as well as examining any pertinent institutions or non-governmental bodies and relationships that could impact project.

Environmental Analysis

This section would provide a high-level overview of potential environmental impacts, both positive and negative, of any geothermal project development efforts. In addition, the feasibility study would aim to accurately quantify the GHG emission reductions that would be realized as a result of the geothermal project and the anticipated value of these emission offsets in Alberta's current marketplace.

Economic Analysis

- The latest purchase and build costs for various types of geothermal technologies would be analyzed for the intended project in your region. The costs of suitable technologies would be added to other key projects cost estimates (land purchase or rent; development; engineering; labour, etc.) to produce an energy unit cost matrix necessary to compare to geothermal developments to other alternatives.
- This analysis would then investigate financing considerations of the project including potential funding sources, tax considerations, return on investment, and anticipated payback periods.

Risk Analysis

- This section would survey the top five to ten risks and specify when these risks would be an issue for the project proponent (before the project, during construction, after when the project is operational) by utilizing a classification scale that assessed the probability and the impact. Where possible, this would include a potential mitigation strategy.
- This section would also investigate the technical, economic, social, and environmental viability of renewable energy projects in a specific region. The focus here is on understanding potential payback periods on investment, as well as the resulting benefits to the community. This work also demonstrates the potential for investment attraction, grant funding, job creation and carbon levy offsets.

Stakeholder Engagement & Consultation

Terrapin works with project proponents from both private industry and local governments to engage with residents to promote renewable energy and energy efficiency efforts. These stakeholder engagement and consultation efforts directly communicate our project plans, but also allow Terrapin and our clients to understand the thoughts and concerns of individuals or groups that might be directly or indirectly affected. Utilizing a extensive stakeholder consultation experience and a strong understanding of best-in-class methods, our team can assist clients in sharing information and educating residents on new opportunities in sustainable energy.



Geothermal Mapping

Terrapin has a unique specialty in mapping and understanding the available geothermal energy resource of a particular region and/or oil well. The geothermal energy industry is poised for significant growth in Alberta and our team is working to creation the foundation on which to build it. The first step to unlocking this valuable source of renewable energy is to map and understand the temperatures, reservoirs and viability of the geothermal energy beneath your feet.

Grant Writing & Fundraising

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Investment Attraction

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Energy Education

For many Albertans, energy is still an abstract concept. In a society where energy "just works" and is always available at the flick of a switch, it can be very difficult for many people to understand the complexity in our energy system. The Terrapin team has been part of some of the most ground breaking educational initiatives in Canada for energy topics. The driving focus of our education efforts is to make energy topics more accessible and exciting to the average person. Our team has created and published some of the most viewed energy educational material on the internet.



REQUEST FOR DECISION

SUBJECT: Community Readiness Project Committee

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION MEETING DATE: June 13, 2017 CAO: MH MANAGER: KK DEPARTMENT: ECONOMIC DEVELOPMENT GM: DM PRESENTER: KK

RELEVANT LEGISLATION:

Provincial (cite) -N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council appoint a Council member to the Community Readiness Project Committee.

BACKGROUND/PROPOSAL:

During 2016, Greenview partnered with a number of regional municipalities, not for profit foundations and the Grande Prairie Chamber of Commerce to have a Gap and Economic Analysis study done on the impact of the new Grande Prairie Regional Hospital to the region. The firm Deloitte LLP conducted the study with the final report presented in November of 2016. Council has previously received the report as information at the December 13, 2017 Council Meeting.

The funding partners have recommended the formation of the Community Readiness Project Committee to assist in determining next steps to address the gaps and opportunities highlighted in the Gap and Economic Analysis Report.

It has been requested that Greenview appoint two (2) representatives, one (1) elected official and (1) Administration to sit on the Community Readiness Project Committee.

The Terms of Reference for the Community Readiness Project Committee will be established by the committee under the leadership of the Grande Prairie Chamber of Commerce.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of appointing a member of Council to the Community Readiness Project Committee is that Greenview will have representation on the Committee as future plans and opportunities are presented regarding the economic impact of the Grande Prairie Regional Hospital.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to appointing a Council member to the Community Readiness Project Committee.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to not appoint a member of Council for the Community Readiness Project Committee, however Greenview may be missing an opportunity to provide input on the possible future initiatives.

FINANCIAL IMPLICATION:

Direct Costs: Travel and honorarium costs will be incurred by participating in the Committee.

STAFFING IMPLICATION: N/A

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will notify the Community Readiness Committee as to the Greenview representatives appointed.

ATTACHMENT(S):

• Grande Prairie Chamber of Commerce - Community Readiness Committee Member Invitation



#127, Centre 2000 P 780.532.5340 11330-106 St. Canada T8V 7X9

F 780.532.2926 Grande Prairie, AB **E** Info@gpchamber.com www.grandeprairiechamber.com

April 24, 2017

Municipal District of Greenview Box 1079 Valleyview, AB TOH 3NO

Attention Reeve & Council

Re: Community Readiness Report

Dear Mr. Gervais

The Grande Prairie & District Chamber of Commerce is inviting your organization to participate in an important review of the Community Readiness Report (Economic Impact & Gap Analysis of the Grande Prairie Regional Hospital). The report was completed last fall and presented to all partners on November 7th 2016.

Our Board of Directors has appointed our 2nd Vice-Chair Dan Wong to Chair a sub committee designed to include all the major stakeholders in this project to discuss the impact on the Peace Country and how to best take advantage of the opportunities presented.

We are looking for representation from your Economic Development Officers, and one Elected Official if possible, to help us shape the future of our community and region.

Yours truly,

Dennis Bell

Chair of the Board of Directors

Grande Prairie & District Chamber of Commerce

Connecting Business.

Creating Opportunity.



REQUEST FOR DECISION

SUBJECT: Draft Strategic Plan

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER: DEPARTMENT: CAO SERVICES GM: PRESENTER:

RELEVANT LEGISLATION:

Provincial (cite) - NA

Council Bylaw/Policy (cite) - NA

RECOMMENDED ACTION:

MOTION: That Council direct Administration to finalize the draft Strategic Plan for Council's endorsement.

BACKGROUND/PROPOSAL:

Please find attached the draft Strategic Plan – 2017. Administration notes that this draft has not undergone final formatting and as such, items such as pictures, design, etc. are not in their final form. This will be done along with any changes that Council may wish to make prior to submission to Council for final adoption.

The document captures the items discussed by Council and will serve to provide information to the public and direction to Administration. Even though the plan has not been formally adopted, Administration is following many of the strategies outlined. Adoption of the final plan will also help provide continuity during the transition from the current Council to the new Council in October.

The document outlines Greenview's strategic goals as: Infrastructure; Regional Co-operation; Development; Quality of Life; and, Inter-government Relations with related strategies under each heading.

Administration would also like to highlight page six (6) of the document. This page depicts a chart that shows documents and process related to the strategic planning process utilized. This is notable as Administration is proposing two changes from current practice as part of the Plan.

The first is the development of Department Action Plans (DAP) that would be specific to each department and act in support of the Strategic Plan. The DAP would consist of Project Charters more many (not all) projects as well as a priority/timeline listing of projects. A sample of each has been attached for the purposes of highlighting what this might look like. These are samples only and dates have been entered solely for demonstration purposes. This process would allow for clear understanding of when projects where going to occur and the nature of each project. It also allows Council to provide direction regarding the expectations and priorities of projects vis-à-vis each other.

The second proposed change is directly related to the above and would be quarterly reporting on project status, similar to what is done currently regarding financial reporting. These are listed on the chart as Quarterly Priority Reporting and Quarterly Priority Setting/Affirmation. Administration will provide additional details at the meeting.

BENEFITS OF THE RECOMMENDED ACTION:

1. This will allow Administration to complete final formatting and make any necessary changes to the document.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommended motion.

ALTERNATIVES CONSIDERED:

Alternative #1: Staff is looking for any final directions prior to adoption of the Plan. As such, the only alternative would be discard the plan entirely. Administration does not recommend this option as the current document represents the goals put forward by Council.

FINANCIAL IMPLICATION:

Direct Costs: NA

Ongoing / Future Costs: NA

STAFFING IMPLICATION:

Administration will make changes as part of regular Administrative functions.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will make any necessary changes and return the document to Council for final adoption.

ATTACHMENT(S):

- Draft Strategic Plan
- Sample Project Priority Listing
- Sample Project Charter

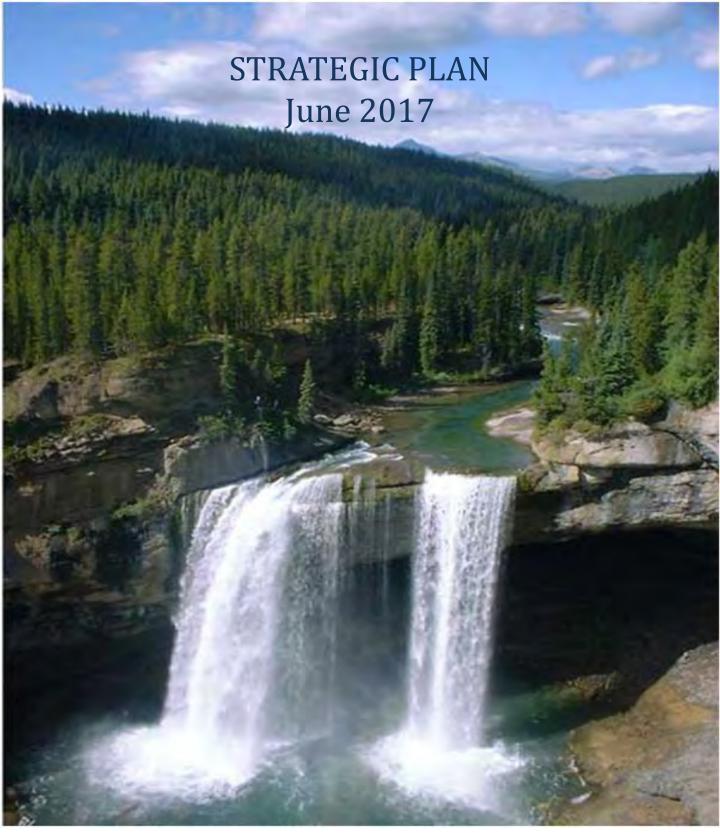




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Who We Are

Greenview residents experience adventure right in their backyards. Lakes, rivers, Rocky Mountain peaks and vast prairie offer a year-round outdoor playground for all ages. Curling and hockey rinks and outdoor pools provide a hub for indoor recreation and social activity. Under construction in Valleyview is a new Multiplex, home to an indoor aquatics centre and field house in late 2017. Indoor recreation centres will also be opening in Grande Cache and Fox Creek in 2017 and 2018 respectively. There's never a shortage of activities and events for the whole family. Seasonal farmer's markets throughout the region promise a selection of local fruits and vegetables, farm-fresh foods and hand-crafted items.

Greenview's economy is strengthened by its diversity, a talented workforce and an entrepreneurial spirit that is second to none. Our vast endowment of natural resources – agriculture, forestry, and oil and gas – have transformed into world-class industries. The opportunities for supporting companies in transportation, information technology, communications, engineering, business and manufacturing are tremendous.

We've got the space to grow and a business-friendly climate. Businesses in Greenview have a competitive edge with the municipal government establishing one of the lowest commercial and industrial tax rates in Alberta.

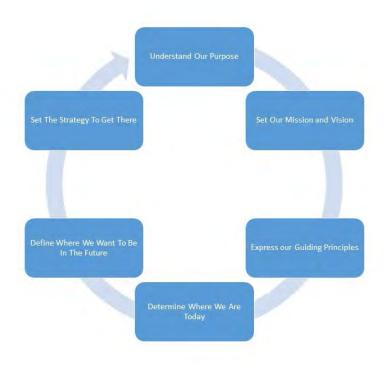
The area is serviced by the CANAMEX Trade Corridor, a provincial highway network that runs through Greenview and links local businesses to markets in the United States and Mexico. Passenger, cargo and medical flights fly in and out of the Grande Prairie Airport – Alberta's fourth largest airport – connecting to destinations within Alberta's borders and beyond. Rail connects business and industry in Greenview to ports in British Columbia, in both Prince Rupert and Vancouver.

We are a diverse community full of opportunities and people willing to achieve them.

The Strategic Planning Process

In preparing the M.D. of Greenview #16 Strategic Plan 2017 Council conducted a two day retreat focused on creating a road-map to the future. Council recognizes that without a plan the M.D. can only react to what is happening around us and to be truly pro-active and to have some control over the future there needs to a Plan in place.

The approach taken by Council is depicted in the following exhibit – The Strategic Planning Process.



Over the two days, each of the topics identified in the chart were discussed and debated. In the following sections we present a summary of our plan for the future.

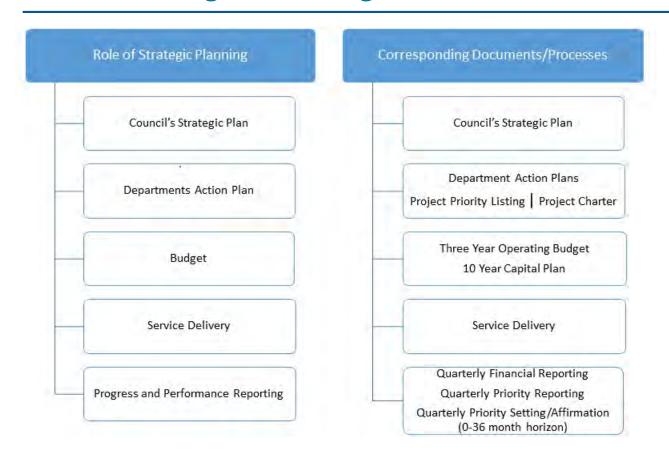
The Strategic Planning Process

The Strategic Plan – 2017 sits at the top of the overall plan for the M.D. All other operational plans, including the budget, flow from this Plan. The Role of Strategic Planning is depicted in the following exhibit:

Progress & Performance Reporting How It All Fits Together Service Delivery Budget

It is important to realize that strategic planning is an on-going process, not just an event that happens periodically. As we go about our business there will be unforeseen occurrences that will materially affect what we do and how we do it. Similarly we will measure our progress and performance towards our strategic goals and take actions to ensure we remain on course.

The Strategic Planning Process



Our Stakeholders

Council prepared this Plan:

We depend upon and are depended upon by a host of diverse and multifaceted groups to build our community. We all share a common goal of growth and sustainability for our region and together we are stronger and more capable of achieving a sustainable, safe and healthy place to live. The following list of stakeholders was in the forefront of our minds as

Residents – those who live work and play in our community.

Municipalities within our boundaries – Towns of Grande Cache, Fox Creek, and Valleyview.

Adjacent Municipalities – the M.D.s, the urban communities that make up the region surrounding us.

Businesses – the various industries and commercial enterprises that conduct their affairs in and around the M.D.

Community Groups – the vast array of organizations that contribute to our quality of life.

Employees of the M.D. of Greenview – the staff who deliver the services provided by the M.D.

Other Orders of Government – the Province of Alberta and the Government of Canada.

Stakeholders, individually and collectively are what make our community what it is today and what it could be in the future.



Our Mission

Our purpose as a Council is to make decisions and take actions that result in the delivery of needed services for our stakeholders.

Our Mission Statement was developed a number of years ago and remains the same:

Providing strong, transparent leadership and quality services that are responsive to our communities' needs.

The Mission Statement speaks to the two distinct roles that local government must play:

Leadership – it is incumbent on local government, through its resolutions and actions, to provide the guidance and judgement that will lead to a safe, viable and healthy place to live, work and play.

Services - to the extent possible, local government should provide the services that are required by the stakeholders in a cost effective and sustainable manner.

The Role of Council

Council's role is to set direction, assign priorities and provide resources to carry out the mission. Council is responsible for the appropriate use of the M.D.'s resources and as such is accountable to the electors of the municipality.

The Role of Administration

Administration's role is to carry out the Plan developed by Council and to determine the most effective and efficient deployment of the resources allocated through the budgeting process.

These roles are mutually exclusive and legitimized through the Municipal Government Act of Alberta.

Our Vision and Guiding Principles

Vision

The Vision is a statement about a desired future; one that speaks to an ideal that is attainable through dedication and pursuit. The vision, unlike the Mission, will evolve over time. In an ever changing world, the needs and wants of our stakeholders will also evolve and the Vision must be adapted to reflect these realities.

The Vision Statement of the M.D. was re-crafted during the preparation of the Strategic Plan – 2017:

The Municipal District of Greenview #16 exemplifies sustainable, healthy and safe communities that enhance quality of life.

Guiding Principles

Council's guiding principles used in the preparation of the Strategic Plan and the on-going decisions that Council makes. These principles include:

Leadership – Council and Administration will act in an open and transparent manner that is characterized by respect, compassion and integrity towards all.

Regional Collaboration – the MD of Greenview and the Towns within its borders will continue to be viewed as a model for working together as a regional community.

Quality of Services – We will provide needed services that meet or exceed minimum standards, at a service level that is cost effective and sustainable.

Communities – We continue to support communities and groups that enhance the quality of life in the region.

Economic Development – We provide a positive environment for development as we continue to diversify the economic base of the region.

Environment – We are stewards of the environment and respect the need to balance growth and development with protection of this asset.

Strategic Goals

<u>Strategic Goals - 2017</u>

Council has identified five goal areas of strategic importance to the M.D. that form the focus of the Strategic Plan – 2017.

The Goals are all high priority areas necessary to achieve the Vision of the M.D.:

- Regional Co-Operation
- Infrastructure
- Development
- Quality of Life
- Inter-governmental Relations

Regional Co-Operation

The Municipal District of Greenview has played a leadership role in the region through its support of the Towns within its boundaries. The model we have developed is strength of the region and there is an opportunity to leverage this strength in the pursuit of development opportunities and in negotiating with other orders of government.

Similarly there is an opportunity to further expand this leadership role through cooperation with the municipalities that are adjacent to the M.D.

Strategic Goal: Be recognized as a model of reasonable and well-planned Regional Co-operation.

- Expand our model to include adjacent municipalities.
- Develop a strategy to effectively work with the City of Grande Prairie.
- Continue to develop clear partnership frameworks based on mutual benefit.
- Broadcast our "Brand" through the two municipal associations: AAMDC and AUMA.
- Work with the Towns to actively seek out recognition through vehicles such as awards offered by the Provincial Government.
- Communicate the success story through other media outlets such as 'Municipal World'.

Infrastructure

Infrastructure is a cornerstone of all municipalities. Whether it is the road network, the municipal buildings or the facilities that are built and maintained by the M.D., Infrastructure is what people see and use on a daily basis.

Infrastructure also includes the public utilities and the M.D. remains committed to up-grading and maintaining these facilities to a level that meets or exceeds established standards. There is a commitment to invest in these necessary services to ensure an appropriate quality of life.

Strategic Goal: We have well-built and well maintained infrastructure that is sustainable and contributes to quality of life in the region.

- Prioritized setting aside of funds for the future investment in infrastructure.
- Examine opportunities to partner with other municipalities and with the private sector to deliver needed services.
- Prioritize capital spending that balances quality of life with longterm sustainable preservation of infrastructure.
- Examine revenue generation opportunities when making infrastructure investments.
- Consider priority on investment in the Forestry Truck Road to support Industry in the M.D.

Development

The Municipal District of Greenview is open for business. We recognize that to grow and prosper we need to attract and retain business and industry that is well-planned and preserves the nature of the community. The Municipal District of Greenview will foster a development environment with clearly established processes and requirements for developers to follow that promote efficiency and understanding.

We have a wealth of natural assets as well as existing investments in infrastructure that provide significant opportunities to support development.

Strategic Goal: We will have a diverse economy that decreases our dependency on the petroleum industry.

- Foster start-ups through the development of support programs.
- Be viewed as being business friendly.
- Invest in infrastructure that will encourage and support startups.
- Develop and respond with a consistent, positive message to development opportunities.
- Be pro-active in broadcasting our message and seeking business opportunities in the marketplace.
- Introduce business ready planning and infrastructure development.

Development

While we currently depend upon the oil and gas industry to generate a significant portion of the M.D.'s revenue, we see opportunities to expand this base and to diversify into other sectors to further support the quality of life in this region. As well our spectacular natural attractions are an un-tapped resource that we need to evaluate and determine the best way to approach.

Strategic Goal: The Municipal District of Greenview is viewed as a destination to the Tourism Industry.

- Put in-house resources in place to evaluate economic development opportunities.
- Conduct a feasibility assessment of Tourism as a business opportunity.
- Develop a Tourism strategy based on the business opportunity assessment.

Quality of Life

The Municipal District of Greenview is an excellent place to live, work and play. The services we provide are designed to meet the needs of the people who live here and our mission and vision support this view. Our investments in infrastructure, recreation, and culture are a commitment to the future. Our support of social programs is constantly being evaluated to ensure that we are providing the right services and the right level of service.

We recognize the need to balance the needs and desires of our stakeholders, both in the present and in the future, if we are to continue to enjoy an un-paralleled quality of life that is inclusive of all.

Strategic Goal: Provide services that exceed the basic needs of our stakeholders and accommodates diverse life styles.

- Plan, Provide and Support a diverse set of community living options ranging from rural to urban.
- Continue to actively assess what services are needed by our stakeholders.
- Respond to stakeholder feedback on the quality and levels of service we provide.

Inter-government Relations

The Municipal District of Greenview views other orders of government as partners in the sustainability of region. The provincial government, in particular, is in a position to significantly affect our future and our prosperity. We believe it is vitally important that we have a say in the decisions that affect us.

With the recent change in governments both federally and provincially, we see a need to develop relationships that recognize us as equal partners.

Strategic Goal: Be recognized as an important contributor to decision making affecting the region.

- Pro-actively lobby the provincial government on local issues collectively through AAMDC and individually as representatives of the region.
- Develop position papers on important issues.
- Seek positive results by providing 'solutions' to issues.
- Participate in provincially sponsored boards and committees where local involvement is sought.
- Actively pursue opportunities to develop relationships both administratively and politically.

Project Listing
Community Services - Recreation

		3	OHILLIAHILLY		Jei vices		ויכנו כמנוטוו	-					
#	Project Listing						Project	Project Delivery					
		Q1 - 17	Q2 - 17	Q3 - 17	Q4 - 17	Q1 - 18	Q2 - 18	Q3 - 18	Q4 - 18	Q1 - 19	Q2 - 19	Q3 - 19	Q4 - 19
1	Moody's Crossing												
2	Grovedale Fishpond Cookhouse												
3	Ridgevalley Walking Trails												
4	Johnson Park Phase 1&2												
2	Valleyview Walking Trails												
9	Grovedale Walking Trails												
7	DeBolt Walking Trails												
∞	Swan Lake Upgrades												
6	Narrows Boat Launch Lease												
10	Little Smoky Ski Hill Concept Plan												
11	Smoke Lake/losegan Feasibility Report												
12	AB AEP MOU												
13	DeBolt Playground Removal												
14	East Dollar Lake Signage Agreement												
15	Fox Creek ATV Club Agreement												
16	Golden Triangle Agreement												
17	Grande Cache Lake Upgrades												
18	Grande Cache Dinosaur Tracks												
19	669 Day Use Area												
20	Kakwa Recreation Area Upgrades												
21	Kakwa Wildland Agreement												
22	Recreation Master Plan												
23	Sasquatch and Friends Signage												
24	Southview Recreation Area Upgrades												
25	Willmore Wilderness Agreement												
	-												
	רפאפות												
	Quarter 1 (January - March)	.	Planned										
	Quarter 2 (April - June)	_	In Progress	Š									
	Quarter 3 (July - September)		Complete										
	Quarter 4 (October - December)	J	B 00 00										

			PROJECT
	T		<u> </u>
	RVWT17001	***************************************	Dept. Responsible
MUNICIPAL DISTRICT OF GREENVIEW No. 16	Ridgevalley Walki	ng Trails	Area Responsible
	Stacy Wabick		Start Date
Goals			
	Goals: This project	t will provide recrea	ation opportunities for Gr
Scope			
	This project will e	ncompass approxim	nately 2km of hardpacked
Project Milestones			
Start Date	1/2/2017		
End Date	08/31/17		
Stakeholders			
	Local landowner(s	s); Ridgevalley resid	ents
IAP 2			
Increasing Level of Public Impact	Inform		
Public Participation	To provide balanc	ed and objective in	formation
Promise to the Public	Will keep public ir	nformed	_
Budget			
	\$50,000.00		
Constraints			
	NA		_
Assumptions			
	Landowner sign-o	ff is required. Two r	months has been allotted
	control.		
Risks			
	NA		

CHARTER	
	Corporate Services
	Recreation
	2/1/2017
reenview residents in	the Ridgevalley community.
l granular surface tra	il suitable for non-motorized users
for this to occur; ho	wever, it is outside of Administration's



REQUEST FOR DECISION

SUBJECT: Town of Fox Creek – Top Priorities

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: July 13, 2017 CAO: MH MANAGER: DEPARTMENT: CAO SERVICES GM: PRESENTER:

RELEVANT LEGISLATION:

Provincial (cite) - NA

Council Bylaw/Policy (cite) - NA

RECOMMENDED ACTION:

MOTION: That Council direct Administration to respond to the Town of Fox Creek indicating Greenview's willingness to partner on the construction of a helipad up to the lower amount of 50% or \$250,000.00 in the Town of Fox Creek subject to an approved memorandum of understanding being signed by the Greenview and Fox Creek.

MOTION: That Council direct Administration to respond to the Town of Fox Creek indicating that Greenview is willing to have partnership discussions regarding residential development but will not partner on the development of acreage lots within the Town of Fox Creek.

BACKGROUND/PROPOSAL:

Please see the attached letter from the Town of Fox Creek outlining their priority projects as requested by Greenview.

The Town outlines that their top priority is the development of residential lots within the Town. This is outlined as both residential subdivision and acreage development. Council has previously stated that Greenview would be willing to consider partnership in the development of lots within Fox Creek. To date, no concrete discussions have taken place.

Administration recommends that Greenview have discussions about this partnership; however, does recommend that Council consider two issues. The first is that any development comes with inherent risk. In this case, the risk is that the lands do not sell. It is Council's decision as to what level of risk tolerance Council is willing to accept. Simply entering into a discussion does not commit Greenview to any course of action.

The second issue relates to the development of acreage properties within the Town. As Greenview is currently investigating the development of country estate properties – acreages – outside of Fox Creek, Council may wish to not pursue this type of development within the Town and thus avoid competing with itself. Administration's recommended motion is based on this idea.

The second priority is development of a helipad at the Fox Creek Hospital. Administration is recommending that Council confirm Greenview's willingness to partner on this project based on similar participation with the Town of Valleyview. In order to see this partnership progress smoothly, Administration is recommending that a memorandum of understanding outlining the partnership, costs, and deliverables is signed prior to any construction taking place or funding being provided. Funding for this project could be taken from Reserves.

BENEFITS OF THE RECOMMENDED ACTION:

1. The recommended actions would allow Administration to enter into discussions with the Town with confidence in Council's direction.

DISADVANTAGES OF THE RECOMMENDED ACTION:

- 1. Given Council's previous willingness to discuss potential development partnerships, there is no perceived disadvantage to discussing residential development.
- 2. Development of a helipad will require funding from Greenview. This is not seen as a significant disadvantage as Greenview is able to contribute funding and has entered into a similar partnership with the Town of Valleyview in the past.

ALTERNATIVES CONSIDERED:

Alternative #1: Council may opt to respond to the Town indicating that Greenview is not interested in one or more of the partnerships proposed.

Alternative #2: Council may opt to alter the motions to indicate that Greenview is interested in the proposed partnerships on terms other than those recommended by Administration.

FINANCIAL IMPLICATION:

Direct Costs: Staff time is the only cost associated with the recommended motions.

Ongoing / Future Costs: Any future costs can be funded from Reserves.

STAFFING IMPLICATION:

Staff time will be required to engage the Town. This can be done as part of normal operations.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will prepare and send a response to the Town of Fox Creek.

ATTACHMENT(S):

• Town of Fox Creek Letter – May 2, 2017

Re: Top Priorities from the Town of Fox Creek

At the Joint Council meeting held on April 12, 2017 it was requested that the Fox Creek Council provide the top two priorities for funding assistance from the Municipal District of Greenview.

After some deliberation and discussion Council has outlined the following as the top priorities for the Town of Fox Creek.

1. Residential Development

TOH 3NO

In order to provide the amount of residential development that is required for the orderly growth of the Town of Fox Creek, Council is looking for assistance in the development of both a residential subdivision and acreage development.

Fox Creek is proposing a partnership with the Municipal District of Greenview on the development of a Residential Subdivision. The details of the partnership would require further discussion, but to move this item forward we would like to request that these discussions begin. Attached to this letter is the map from our Comprehensive Community Plan that outlines our future plan for the area we are requesting assistance for. The more of the area that we are able to develop at a time, the more affordable the development of these lands will be. We are requesting that a meeting be scheduled to begin moving this item forward and to discuss the details of a partnership.

Fox Creek is also requesting that the Municipal District of Greenview fast tracks the development of acreage properties in the surrounding area. We feel that this will provide an excellent addition to the community members that are looking for a larger lot and will complement the development within the community wonderfully.

Development of a Heli-Pad

In order to continue to move forward with the development of Retail/ Commercial at the current airport, Fox Creek is in need of the development of a new Heli-Pad to accommodate both Alberta Health Services and STARS. The proposed location for this Hel-Pad is at the Fox Creek Hospital. Fox Creek is requesting the financial support from the Municipal District of Greenview in the maximum amount of \$500,000 (depending on requirements) for the construction of the proposed Heli-Pad so our community an continue to move forward on the development of the current airport.

Again, further discussion would need to take place on this item; however we are hoping to move forward with the construction of the Heli-pad as soon as possible.

We appreciate the continued support that we receive from the Municipal District of Greenview and hope to continue to move forward on development of our area and partnership opportunities.

We look forward to hearing from you shortly.

Sincerely,

Jim Ahn, Mayor Town of Fox Creek

Cc: Roy Dell, Chief Administrative Officer



REQUEST FOR DECISION

SUBJECT: 2017 Event Calendar

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER: DC DEPARTMENT: CAO SERVICES GM: PRESENTER: AP

RELEVANT LEGISLATION:

Provincial (cite) -N/A

Council Bylaw/Policy (cite) -N/A

RECOMMENDED ACTION:

MOTION: That Council provide direction to Administration regarding the proposed 2017 Event Calendar and direct Administration to attend the DeBolt Heritage Day and Canada Day activities in Grande Cache.

BACKGROUND/PROPOSAL:

Each year there are numerous events where Greenview may be present. Council has advised Administration that attending public events is a priority. Public outreach at community events is an opportunity to answer questions from residents, increase awareness of Greenview's programs and services, and seek public input. There are events that take place throughout the year in Greenview's communities and neighbouring urban municipalities. Spring and summer are peak event seasons. Due to time and staff limitations, events must be prioritized to ensure maximum impact. The planned public events list helps to identify which events are the best opportunity for targeted public engagement.

For events that take place in multiple communities at the same time (e.g. Canada Day), it is recommended that we alternate which communities we attend on an annual basis to ensure we are having equal contact with all areas of the municipality. Staff in the sub offices may also be requested to attend to ensure we have contact with each community. One important aspect of attending community events is that several take place on statutory holidays, participation will need to be requested well in advance and attendance will require staff overtime/time in lieu.

Communications currently organizes the Ratepayer BBQs and the Greenview Golf Tournament annually. Other events like the Petroleum Show, Peace Agriculture Show, local trade shows and a variety of community based events take place each year. Administration is approaching Council for direction on which additional events we will be involved in to balance our outreach and public engagement mandate with existing resources. In summer 2017 we recommend that Communications Staff will attend two additional events. DeBolt's Heritage Day and Grande Cache's Canada Day have been identified based on requests that we have received from the community for Greenview to participate.

As additional events are finalized by communities and organisations we will return to Council quarterly to update the planned events list to receive Council's direction on the recommended events for the quarter.

BENEFITS OF THE RECOMMENDED ACTION:

- 1. Staff will be able to attend events as prioritised and the public will have an opportunity to have questions answered and concerns noted.
- 2. The public will be able to interact with Greenview representatives in an open and welcoming environment.

DISADVANTAGES OF THE RECOMMENDED ACTION:

- 1. Time and resources need to be allocated to attend additional events. Budget and personnel hours used to attend events will not be available for other initiatives.
- 2. Events that occur concurrently cannot be simultaneously attended due to staffing limitations. Meaning for instance that only one of the communities' Canada Day celebrations can be attended.

ALTERNATIVES CONSIDERED:

Alternative #1: Council may choose to advise Administration that no extra events require staff attendance. This is disadvantageous to the public and the administration as it will not provide them with an opportunity to be contacted in a high traffic, ratepayer-centric setting.

Alternative #2: Council may choose not to accept the proposed events and direct efforts towards others. This is not recommended as the scheduling of staff needs to take place and doing so in advance is preferable.

FINANCIAL IMPLICATION:

Direct Costs: Funds will be taken from the Communications' Public Relations budget for event cost and staff will be paid for through the Communications budget.

- 1) Most public events take place out of regular working hours therefore, if we are to expand our outreach overtime will be involved including preparation and cleanup.
- 2) Events occur throughout Greenview therefore, travel costs will be incurred.

STAFFING IMPLICATION:

Staff or contracted personnel will be needed to attend the events including preparation and cleanup. Depending on size, typically one staff member will attend events to set up, speak to the public and provide information. Other staff members may be required if using the mascot or attending events which attract a larger crowd. A one day event often requires up to three days of staff time for planning, attendance, clean up, evaluation and follow up.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Consult

PUBLIC PARTICIPATION GOAL

Consult - To obtain public feedback on analysis, alternatives and/or decisions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

Public events are an opportunity for members of the community to interact with staff and council. It is an opportunity to obtain public feedback in an open and approachable setting. Staff at events are prepared to inform attendees about ongoing efforts by Greenview and answer questions.

FOLLOW UP ACTIONS:

Once Council makes a decision staff will proceed with plans to attend the events as directed.

ATTACHMENT:

• 2017 Event Calendar

SUNDAY 07	14 Mother's Day Brunch- DeBolt	21	28	04	
SATURDAY 06	13 Emergency Preparedness Week, Mother's Day Brunch -	20	27	03	
FRIDAY 05	12 Emergency Preparedness Week	19	26	02	
THURSDAY 04	11 Emergency Preparedness Week	18 Peace Region Petroleum Show	25	01	
WEDNESDAY 03	10 Emergency Preparedness Week	17 Peace Region Petroleum Show	24	31 Stompede- Grande Prairie, Canada 150 Mobile Pavillion-	Notes:
May TUESDAY 02	Emergency Preparedness Week	16	23	30	90
2017 MONDAY 01	80	15	22	29	90

	June 30 30	WEDNESDAY 31 07	THURSDAY 01 Stompede- Grande Prairie 08	PRIDAY 02 Stompede- Grande Prairie 09	SATURDAY 03 Stompede- Grande Prairie	Stompede-Grande Prairie
13 Ratepayer Valleyview	13 Ratepayer BBQ- Valleyview	4	15	16	17 Father's Day Pig Roast- Sunset House	18
20 Ratepayer Grovedale	20 Ratepayer BBQ- Grovedale	21	22	23 Cranberry Lake Rodeo- DeBolt	24 Cranberry Lake Rodeo- DeBolt	25 Cranberry Lake Rodeo- DeBolt
27		28	29	30	01	02
04		Notes:				

	SUNDAY 02	60	16	23	30	
	SATURDAY 01 Canada 150- Grande Cache, Valleyview	80	15	22	29	
	FRIDAY 30	07	14	21 Aboriginal Day - Grande Cache	28	
	THURSDAY 29	90	13	20 FCSS Day Camp- DeBolt	27	
	WEDNESDAY 28	05	12	19 FCSS Day Camp- DeBolt	26	Notes:
July	TUESDAY 27	04	11 Ratepayer BBQ- DeBolt	18 FCSS Day Camp- DeBolt, Ratepayer BBQ - Grande Cache	25	01
2017	Monday 26	03	10	17	24	31

	SUNDAY 06 Death Race & Death Fest - Grande Cache, Sunset House	13 Valleyview Ag Annual Rodeo- Valleyview	20	27	03	
	SATURDAY 05 Death Race & Death Fest - Grande Cache, Sunset House	12 Valleyview Ag Annual Rodeo- Valleyview	19 Heritage Day- DeBolt Canada 150 Grant Enhanced Event	26	02	
	FRIDAY 04	Valleyview Ag Annual Rodeo- Valleyview	18	25 Greenview Charity Golf Tournament -	01	
	THURSDAY 03	10	17	24 Corn Boil Week- Little Smokey, New Fish Creek, Sunset House,	21	
ust	WEDNESDAY 02	60	16	23 Corn Boil Week- Little Smokey, New Fish Creek, Sunset House,	30	Notes:
August	TUESDAY 01	80	15	22 Corn Boil Week- Little Smokey, New Fish Creek, Sunset House,	59	02
2017	MONDAY 31	07 Death Race & Death Fest - Grande Cache, Sunset House	14	21 Corn Boil Week- Little Smokey, New Fish Creek, Sunset House,	28	04

	SUNDAY 03	10	17	24	01	
	SATURDAY 02	60	16	23	30 Fox Creek Municipal Library Art & Culture Day- Fox Creek	
	FRIDAY 01	08 Fall Festival- Valleyview	15	22	29	
	THURSDAY 31	07	14	21	28	
tembel	TUESDAY WEDNESDAY 29 30	90	13	20	27	Notes:
Sep	TUESDAY 29	05	12	19	26	03
2017	MONDAY 28	04		18	25	02

	SUNDAY 01	08 Fire Prevention Week	15 2017 Snow Show - Edmonton Edmonton Expo Centre	59	
	SATURDAY 30	07	14 Fire Prevention Week, 2017 Snow Show - Edmonton 21 Small Business	Week- Various 28	h (tentative)
	FRIDAY 29	90	13 Fire Prevention Week, 2017 Snow Show - Edmonton 20 Small Business	Week- Various 27	District members Harvesters Ball - October 28th (tentative)
	THURSDAY 28	02	12 Fire Prevention Week 19 Small Business	Week- Various 26	ct members Harveste
October	WEDNESDAY 27	04	T1 Fire Prevention Week 18 Small Business	Week- Various	Notes: Debolt and Distri
Oct	TUESDAY 26	03	10 Fire Prevention Week 17 Small Business	Week- Various 24	31
2017	MONDAY 25	05	Fire Prevention Week 16 Election Day	23	30

	SUNDAY 05	12	19	26	03	
	SATURDAY 04		8	25 Grande Prairie Festival of Trees (Grande Prairie Regional Hospital	02	
	FRIDAY 03	10	17 Festival of Trees- Valleyview	24 Grande Prairie Festival of Trees (Grande Prairie Regional Hospital	10	Notes: Farmers Market Christmas Craft Market Nov4th of 25th TBD
	THURSDAY 02	60	16	23	30	ristmas Craft Market
ember	WEDNESDAY 01	80	15	22	29	Notes: Farmers Market Ch
\Rightarrow	TUESDAY 31	07	14	21	28	05
2017	MONDAY 30	90	13	20	27	04

	SUNDAY 03	10	17	24	31	tale, VV, by Gospel light
	SATURDAY 02	60	16	23	30	Notes: Grande Prairie Santa Claus Parade - early December Community Christmas Markets (tentative - November & early December) - Grovedale, VV, Family Turkey Curl Dec 8th TBD Debolt Community Christmas Celebration hosted by Gospel light Church. Dec 27-9pm TBD
	FRIDAY 01	80	15	22	29	ly December e - November & early Community Christma
	THURSDAY 30	07	14	21	28	Notes: Grande Prairie Santa Claus Parade - early December Community Christmas Markets (tentative - November Family Turkey Curl Dec 8th TBD Debolt Community C Church. Dec 2 7-9pm TBD
mber	WEDNESDAY 29	90	13	20	27	Notes: Grande Prairie Santa Clau Community Christmas Mar Family Turkey Curl Dec 8t Church. Dec 2 7-9pm TBD
Decemb	TUESDAY 28	05	12	19	26	02
2017	MONDAY 27	04		18	25	01

	SUNDAY 07	14	21	28	04	
	SATURDAY 06	13	20	27	03	
	FRIDAY 05	12	19	26	02	ars Dance TBD
	THURSDAY 04	—	18	25	01	district ag society New years Dance TBD
Jary	WEDNESDAY 03	10	17	24	31	Notes: Debolt and distric
January	TUESDAY 02	60	16	23	30	90
2018	MONDAY 01	80	15	22	29	05

	SUNDAY 04	<u></u>	18	25	04	Jary
February	SATURDAY 03	10	17	24	03	Notes: • Growing the North Evergreen Park - Grande Prarie Usually third week of February
	FRIDAY 02	60	16	23	05	
	THURSDAY 01	80	72	22	10	
	WEDNESDAY 31	07	14	21	28	
	TUESDAY 30	90	13	20	27	90
2018	MONDAY 29	02	12	19	26	02

	SUNDAY 04		18	25	01	larch 2018)
March	saturday 03	10	17	24	31	Notes: • Peace Country Classic Agri Show - March 9 to 11, 2017 (tentative same dates March 2018)
	FRIDAY 02	60	16	23	30	
	THURSDAY 01	80	15	22	59	
	WEDNESDAY 28	07	14	21	28	
	TUESDAY 27	90	13	20	27	03
2018	MONDAY 26	05	12	19	26	02

	SUNDAY 01	80	15	22	29	
	SATURDAY 31	07	14	21	28	
	FRIDAY 30	90	13	20	27	
	THURSDAY 29	02	12	19	26	
=	WEDNESDAY 28	04		18	25	Notes:
April	TUESDAY 27	03	10	17	24	0
2018	MONDAY 26	05	60	16	23	30



REQUEST FOR DECISION

SUBJECT: Northern Alberta Development Council (NADC) Bursary Matching Funding Request

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER:

DEPARTMENT: COMMUNITY SERVICES GM: DM PRESENTER: DM

RELEVANT LEGISLATION:

Provincial (cite) - N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council sponsor Terrence Myers in the amount of \$12,000.00 in matching funds to the Northern Alberta Development Council (NADC) bursary for his third year in the program of Dentistry, with the condition that the applicant commits to reside and perform dentistry work in Greenview for a two year term, with funds to come from the Greenview Bursary Fund.

BACKGROUND/PROPOSAL:

The Northern Alberta Development Council (NADC) grants up to \$12,000.00 per eligible applicant annually in matched funds for the Dentistry Program. The applicants, if successful must sign a return service contract which commits the student to live and work in Northern Alberta upon graduation. The Northern Alberta boundary, according to NADC, runs along Grande Cache, Whitecourt, Athabasca, Bonnyville to St. Paul (map attached). Return service is based on one month of full time employment for every \$500 of total bursary support, example: a combined \$3,000 bursary has a return service commitment of 6 months. Greenview may ask the recipient to commit to a return service agreement with the requirement of working within Greenview.

Terrence Myers is requesting Greenview's sponsorship of \$12,000.00 matched Northern Alberta Development Council (NADC) funding for his third year dentistry program. After the completion of Terrence's dental studies, he intends on working in either the Town of Valleyview or Fox Creek. He has conducted research to determine that Fox Creek does not currently have a dentist practice established, thereby an opportunity for him may be available.

Terrence has recently completed his second year of Dental School at the University College Cork in Cork City, Ireland and will graduate in July of 2020. Terence reported that this dental program is fully accredited by the Canadian Dental Association and the Alberta Dental Association through a reciprocity agreement effective 2012 between the Canadian and Irish Dental School accrediting bodies.

Administration recommends supporting Terrence Myers application with a commitment to a return service agreement. Greenview has previously sponsored an applicant for the dentistry program.

The Greenview Bursary Fund has a balance of \$12,000.00 as of June 12, 2017.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of sponsoring Terrence Myers matching funds to the Northern Alberta Development Council Bursary Matching Sponsorship is that Greenview may receive the benefit of securing a dentist to perform dentistry work within Greenview.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to providing Terrence Myers the bursary funds with the condition of working within Greenview.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to deny providing Terence Myers with the matching Northern Alberta Development Council Bursary Matching Sponsorship, however, Greenview may miss an opportunity to support a future dentist for the community.

FINANCIAL IMPLICATION:

Direct Costs: N/A

Ongoing / Future Costs: N/A

STAFFING IMPLICATION: N/A

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

PUBLIC PARTICIPATION GOAL

PROMISE TO THE PUBLIC

FOLLOW UP ACTIONS:

Administration will provide follow-up information to Terrence Myers regarding Council's decision.

ATTACHMENT(S):

NADC Matching Bursary Request – Terence Myers

To Whom This May Concern,

My name is Terrence Myers; I am submitting this letter as I am interested in applying for the Northern Alberta Development Council (NADC) Matched Bursary for Dental Students from Greenview. I intend on working in either the town of Valleyview or Fox Creek; according to my research, Fox Creek does not have a Dentist which gives me an opportunity to provide service to the community.

I have recently completed my second year of Dental School at the University College Cork in Cork City, Ireland and I graduate in July of 2020. This program is fully accredited by the Canadian Dental Association and the Alberta Dental Association through a reciprocity agreement that was agreed upon in 2012 between the Canadian and Irish Dental School accrediting bodies.

After Graduation I am hoping to move back to the area and live on acreage outside of either Valleyview of Fox Creek. My Fiancée, Francine Gagnon, is from McLennan and is now working as a full time Registered Nurse in both the Valleyview and Fox Creek Hospitals. Living in this area would not only allow her to keep her current job in the hospitals, but also allow us to be closer to her family. I am hoping to live in the area as I have come to love all the outdoor activities and all the perks of living in a small town.

I sincerely thank you for the time you have taken in reading this letter and look forward to hearing from you.

Kind Regards,

Terrence Myers

Terrence Myers



REQUEST FOR DECISION

SUBJECT: May 23rd, 2017 - Grande Cache Physician Recruitment Motion

SUBMISSION TO: REGULAR COUNCIL MEETING REVIEWED AND APPROVED FOR SUBMISSION

MEETING DATE: June 13, 2017 CAO: MH MANAGER: DEPARTMENT: CAO SERVICES GM: PRESENTER:

RELEVANT LEGISLATION:

Provincial (cite) - N/A

Council Bylaw/Policy (cite) - N/A

RECOMMENDED ACTION:

MOTION: That Council defeat motion 17.05.207 from the May 23rd, 2017 Regular Council Meeting.

BACKGROUND/PROPOSAL:

At the May 23rd, 2017 Regular Council meeting Council moved motion 17.05.207 regarding the Grande Cache Physician Recruitment. Conversation ensued regarding the content of the RFD and Council opted to go In Camera. As a result motion 17.05.207 was left unresolved.

Administration spoke with a Municipal Advisor, who recommended bringing the above mentioned motion forward at the next Regular Council Meeting to close the loop.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended motion is that there will be closure to the Minutes.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommended motion.

ALTERNATIVES CONSIDERED:

Alternative #1: Council has the alternative to bring back the original motion for discussion and vote accordingly, this is not recommended by Administration as a motion was brought forward later in the May 23rd, 2017 meeting with an amendment.

Alternative #2: Council has the alternative to vote against the recommended motion, this is not recommended by Administration as that would leave the original motion from May 23rd, 2017 left unresolved.

FINANCIAL IMPLICATION:

There is no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no Staffing Implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

There are no follow up actions by Administration.

ATTACHMENT(S):

Excerpt from May 23rd, 2017 Unadopted Minutes

8.4 GRANDE CACHE PHYSICIAN RECRUITMENT

GRANDE CACHE MOTION: 17.05.207. Moved by: REEVE DALE GERVAIS

PHYSICIAN That Council accept for information the correspondence dated April 27, 2017 RECRUITMENT

from Dr. John Gillett physician representative Grande Cache Medical Centre.

IN CAMERA MOTION: 17.05.208. Moved by: REEVE DALE GERVAIS

> That the meeting go to In-Camera, at 2:20 p.m., pursuant to Section 197 of the Municipal Government Act, 2000, Chapter M-26 and amendments thereto, and Division 2 of Part 1 of the Freedom of Information and Protection of Privacy Act, Revised Statutes of Alberta 2000, Chapter F-25 and amendments thereto, to

discuss Privileged Information with regards to the In Camera.

CARRIED

MOTION: 17.05.209. Moved by: COUNCILLOR TOM BURTON OUT OF CAMERA

That, in compliance with Section 197(2) of the Municipal Government Act, this

meeting come Out of Camera at 2:33 p.m.

CARRIED

GRANDE CACHE MOTION: 17.05.210. Moved by: DEPUTY REEVE ROXIE RUTT

That Council direct Administration to reply to Dr. Gillett that Greenview will **PHYSICIAN**

RECRUITMENT consider incentives on a case by case basis.

CARRIED



MUNICIPAL DISTRICT OF GREENVIEW NO. 16

Manager's Report

Function: Infrastructure & Planning

Submitted by: Grant Gyurkovits, General Manager Infrastructure & Planning

Date: 5/31/2017

General Manager, Infrastructure & Planning, Grant Gyurkovits

Oil field reviews, 90% of which are temporary installed water lines. Review documentation for FTR Overview.

- **Letter to Council**; from Edward (Ted) Pratt and Family, received May 03, 2017 was reviewed on May 9th was investigate by Greenview's Construction & Maintenance Manager regarding their traffic and dust concerns on RR 83 located south off Hwy 666. The following notes were made:
 - -The road was in good condition with no visible truck damage, the dust was a 4 out of 5.
 - -There was an active rig at the end of the road 2 miles south of Hwy 666.
 - -NuVista had 50 km/hr signs posted for their employees.
 - -There was dust control placed on RR83 for approx. 40 meters on either side of the residence approach. unknown if it was completed by NuVista.
- Infrastructure & Planning has implemented an Invoicing Cycle procedure to help streamline efficiency and to stop invoices from coming in and demanding immediate payment or extremely late.
 - The Memo will be sent out to all consultants and hired contractors, this will implement a monthly cut-off date of the 5th of each month (i.e. contractor works June 1 to June 30, invoice is due on or before July 5th), for invoices to be paid in that month.

This procedure is needed to more efficiency manage all costs related to budgetary control. There will be a 30 day educational grace period to all that will be effected. Once the grace period is over and if the invoice is submitted after the monthly cut-off date of the 5th of each month, the invoice will not be processed until the following cut-off date.

Manager Construction & Maintenance, Kevin Sklapsky

- Greenview received the wetland approval for the Forestry Trunk road km 20 Economy Slide Realignment project. The contractor is planning on commencing work in early July.
- A pre-construction meeting was held for the Range Road 230 base paving project with the contractor to commence on May 29th.
- Working with consultants by reviewing costs so the updated scope of work can be signed. We will
 have to add approximately \$300,000 to the Twp. 672 budget for the work. We held an initialization
 meeting with consultants and the construction foreman and they are planning to commence by midJune.
- Administration is having discussions with consultant over the Old High Prairie road regarding the
 public tender for the road surface subgrade prep work on phase 1. Consultant will be re-connecting
 with adjacent landowners along the three phases to continue discussions on willingness to sell right
 of way to proceed with the re-construction of this road to classify as major collector route status.
- Administration proceeded with the Resource Road application after the announcement by the Provincial Government, meeting the application deadline of February 1, 2017.
 - Greenview was successful in receiving funding through a Resource Road application under the Strategic Transportation Infrastructure Program (STIP) for \$3,000,000 for the Forestry Trunk Road Phase IV project. With Council's approval to proceed the Grant funding would be for the realignment of km 129 to km 137 with a total estimated cost of \$9,600,000. A portion of the funding would be used to commence preliminary survey and design work in 2017. The remainder of the Grant funds to be dedicated to the construction in the 2018 approved budget.
- Twp. 721A project started and will also finish the grading work on the DeBolt Public Service Building access road, this work is expected to take approximately 2 weeks to complete.
- I & P held approach discussions, and with a local Greenview contractor to construct all future approach requests from applicants in hopes to standardize the construction and quality of future approaches.
- The remaining work on the Simonette Hill is scheduled to start by the end of May.
- The FTR stabilization works will resume by mid-June.

Supervisor, Facility Maintenance, Alfred Lindl

- 2 skid steers that were awarded last month have been delivered.
- The boiler and hot water tank and installation of the transfer switch and make-up air are in the progress of being installed at the operations building. Estimated to be completed in 2-3 weeks

Ongoing deficiencies being taken care of with Grovedale Public Service building and the DeBolt Public Service building.

Manager Operation, Gord Meaney

The following quotes listed below were approved through the 2017 Operations Budget.

Quotes

The Supply of Culvert quotes were posted on the APC and the results are listed below. Canada Culvert was awarded the quotes. There was no set funding for these quotes as the funding comes out of the 2017 approved Operations Budget.

Company	Quote # 1 Grovedale	Quote #2 Operations Valleyview	Quote #3 Construction and Maintenance	Total Price	Comments
Canada Culvert	\$39,901.90	\$70,484.05	\$54,152.15	\$164,538.10	Awarded
Atlantic Industries Ltd.	\$53,685.26	\$91,132.95	\$67,719.48	\$212,537.69	-
Frontier Construction	\$52,499.02	\$93,662.60	\$68,887.40	\$215,049.00	Option A 2.0 mm thickness
Frontier Construction	\$55,930.60	\$93,662.60	\$68,887.40	\$218,480.60	Option B 2.8 mm thickness

The Supply of Aggregate quotes were posted on the APC and the results are listed below. There was no set funding for these quotes as the funding comes out of the 2017 approved Operations Budget.

Company	Area 1 FTR Km 5 – 35	Area 1 FTR Km - 5 - 35	Area 2 FTR Km 150 - 170	Area 3 Bezanson	Comments
	25,000 t 2:25 1"	25,000 t 2:40 1/1/2"	30,000 t 2:25 1"	35,000 t 10mm winter sand	
Buffalo Rock and Resources Ltd.	-	-	-	\$19.25/t	Awarded
Inland Heidelberg Cement Group	\$11.25/t	-	-	-	-
Integrity Industries North	\$28.00/t	\$28.00/t	\$65.00/t	\$42.00/t	Prices included delivery
Ro-Dar Contracting Ltd.	\$14.50/t	\$15.00/t	\$14.50/t	\$25.00/t	-

Wanham Trucking	\$11.60/t	\$11.70/t	*\$11.80/t	*\$17.40/t	* haul price was not cheapest do to location
Murtron Hauling	\$11.20/t	\$10.90/t	-	-	Awarded
Wapiti Gravel Suppliers	-	-	<mark>\$12.36</mark>	-	Awarded

The total of all 3 quotes that were awarded totals \$1,597,050.00.

West Sector

- Completed street sweeping in Grovedale, DeBolt, and Landry Heights etc.
- Continuous monitoring of Seller's' property.
- Commenced calcium application in the Grovedale area.
- Applying a new product for stabilization and dust control called No Dust Solutions on the FTR between km. 93 -103.
- Beaver dam removals along roadways and culverts were completed at the south side of Twp. 700, RR72 north of Twp. 701A, RR 15 north of Hwy. 43, Twp. 752 east of RR 244, Hwy, 736 3 miles north of DeBolt, RR 73 north of Twp. 693, RR 10 north of Twp. 742, FTR km. 30 65, RR 23 South of Twp. 730 and RR 10 south of Twp. 720.
- Spot gravelling took place on RR 265 north of Hwy. 43, community hall access road in Grovedale, DeBolt transfer site and RR 11 south of Hwy. 43.
- Culvert repairs took place at RR 64A north of Hwy. 666, Twp. 692 east of RR 75, Twp. 692 west of RR 85, Twp. 694 east of RR 64, Twp. 722 west of RR 13, Twp. 722 east of Hwy. 736, RR 22 north of Twp. 722 and RR 260 north of Twp. 752.
- Keeping Twp. 690 watered for dust control until calcium is applied.
- The "No truck route" signs on RR65A were removed.
- Road side ditch cleanup has been completed.
- Dust control applications have been received and processed.

East Sector

- Beaver dam removals were completed at the following locations: Twp. 712 and RR 230, Twp. 722 north of Valleyview, Twp. 714 east of Old High Prairie Road, Twp. 725 west of Hunke stockpile, Twp. 670 on the west end, RR 235 and Twp. 683, RR 220 and Twp. 700, RR 225 and Twp. 714, Twp. 730 and RR 230, Twp. 690 and RR 203, RR 203 and Old High Prairie Road, Twp. 692 and RR 234, plus Twp. 692 and RR 230.
- Culvert repairs took place at Twp. 692 and RR 225, Twp. 714 and RR 202, Twp. 714 north of Valleyview and west of Hwy. 49, Twp. 715 west of Harper Creek Road, Twp. 692 and RR 225 along with multiple field approaches.
- Spot gravelling took place at the following locations: RR 221, Twp. 701 and Twp. 702.

- Exploration was done in the Mackie Pit located south and west of Ridgevalley.
- All road bans have been lifted.
- Prepping for calcium application.
- Contracts are being prepared for crushing in the Westview Pit at Km. 120 on the FTR and the Fox Creek SML 060086.
- Road side ditch cleanup has been completed.
- Dust control applications have been received and processed.

Shop

- Several trips were made to Grovedale for services and repairs.
- All decals have been ordered for new equipment and light trucks.
- Two safety orientations were held at the shop.

Manager Environmental Services, Gary Couch

Water and Distribution

- Reviewing water treatability assessment to determine treatment method preferred and proposed water line alignment for the new Grovedale water treatment system.
- The New Ridgevalley Water Treatment plant is going well. The building walls and roof are now up. The current well and/or well pump has failed and we are working around it until such time that we can bring the new well on line in approx. three weeks. Delivery of the RO treatment units is expected late June.
- Finishing up some small deficiencies with Crooked Creek and Little Smoky Water line installation projects from 2016.
- Electrical upgrades continue at the DeBolt water plant.
- Exploring best locations for a new Sturgeon Heights water well. Currently waiting on a response from property owners. The first site was ruled out as its location was too close to an abandoned landfill.
- Beginning preliminary work on the reclamation of 18 existing Greenview abandoned water wells in the Grande Cache area that were inherited from Province. Greenview will be working directly with the driller on this project in order to protect from potential contamination of ground water aquifers.

Wastewater

- Administration is currently working with a company for the re-use of the treated wastewater from the old Grovedale lagoon.
- The industrial Lagoon construction tenders closed on May 26th once reviewed administration will bring the recommendation to the next available council meeting on June 13th.

Solid Waste

The hook bin truck that was approved in the 2017 budget for hauling bins from the transfer stations was tendered, posted on APC and closed on April 28th. Western Star & Freightliner Trucks of Grande Prairie was awarded to supply the truck being the 2nd lowest bidder at \$199,190.00 as the lowest bidder withdrew their tender.

Project: One (1) New Tandem Truck Chassis and Multi Lift Attachment

1	Universal Handling Company (Red Deer) Ltd.	\$197,670.00
	Freightliner Model 114SD	With Drew Bid
2	Western Star & Freightliner trucks of Grande Prairie	\$199,190.00
	Freightliner 114SD	
3	Western Star & Freightliner trucks of Grande Prairie	\$208,075.13
4	Universal Handling Company (Red Deer) Ltd.	\$208,870.00
	Western Star 470p	
5	Universal Handling Company (Red Deer) Ltd.	\$209,770.00
	Freightliner 122SD	
6	Western Star & Freightliner trucks of Grande Prairie	\$210,390.00
	Western Star 4700	
7	Western Star & Freightliner trucks of Grande Prairie	\$211,290.00
	Freightliner 122SD	
8	Universal Handling Company (Red Deer) Ltd.	\$214,470.00
	Peterbuilt Model 567	
9	Universal Handling Company (Red Deer) Ltd.	\$217,970.00
	Western Star 4900	
10	Universal Handling Company (Red Deer) Ltd.	\$216,445.00
11	Calmont Truck Center	\$217,935.00
	Volvo VHD64TB	
12	Diamond International Trucks	\$217,935.00
	International HX615	

- A transfer station information brochure was developed for users/residents to assist in determining what
 is allowable and how to prepare waste and recyclables prior to visiting the transfer stations to minimize
 concerns.
- Will be working on completing the Sturgeon Heights Transfer station upgrades as soon as ground conditions improve.
- "Take It or Leave It" buildings are being built for all transfer stations that currently don't have one in place. To be completed by end of July.
- Administration has been meeting with AEP to have all transfer stations and landfills up to date on
 registrations and compliance. Greenview, possibly may not be using landfills once the existing cells are full
 at Sunset, New Fish Creek, and DeBolt.
- A Transfer Station clean-up has been done recently at DeBolt by the Ridgevalley grad class. The Harry
 Gray School Band is scheduled to do a clean-up at NFC and the Little Smoky Spurs 4-H club will be doing
 clean-up at the Regional landfill. We have not yet received any applications for the Grovedale transfer
 station clean-up. We have contacted the school in Grovedale to search out a group that may be
 interested.

Manager Planning & Development, Sally Rosson

• Planning Staff are in Grovedale regularly conducting scheduled appointments with ratepayers and required inspections. In regards to the complaint for the Grovedale Auto Wreckers, we are continuing enforcement on

- the property with follow-up inspection and conversing with the owner to update on required activities to address enforcement.
- Changes to the Draft Land Use Bylaw (LUB) 17-779 have been complete the majority by the contractor. Staff reviewed the changes and are providing additional comments.
- For the Grovedale Area Structure Plan, Planning staff have a scheduled conference call with our contractor tentatively scheduled for June 5, 2017 to review the required changes to the Plan. Open House will take place at the Grovedale Ratepayers Barbeque on June 20th for the public to have opportunity to review and ask questions.
- Following is a breakdown of the new Applications received in the various Planning & Development categories for the month of May 2017 including the total numbers showing the activity:

Type of Development:	Amount
Business Licenses:	Two
Development Permit Applications:	Forty Six
Lease Referrals:	Five
Land Use Amendments (re-designation):	Five
Subdivision Applications:	None



MUNICIPAL DISTRICT OF GREENVIEW No. 16

Manager's Report

Function: Community Services

Submitted by: Dennis Mueller, General Manager Community Services

Date: 6/13/2017

General Manager Community Services, Dennis Mueller

Greenview Regional Multiplex Sponsorship documentation has been prepared for companies considering sponsorship signage package participation. Companies signing a Letter of Intent will be authorized a tour of the Greenview Regional Multiplex prior to making a firm commitment.

A successful Greenview Regional Multiplex Sponsorship Event was held at the Memorial Hall on Tuesday, May 30th. The Greenview Fundraising Committee Chairperson, Greenview and Town of Valleyview municipal representatives, and approximately 20 individuals were in attendance for this event.

A tour of the Greenview Regional Multiplex will be arranged between mid-June to the end of July for the Greenview Regional Multiplex Committee and the Greenview and Town of Valleyview Councils.

Three Greenview Regional Multiplex board applications have been received with interest in representing Greenview as a Member-At-Large, deadline for entries is posted as June 12th, 2017.

Attended and represented Greenview with a Senior Week Commencement Celebration speech at the Red Willow Lodge on June 5, 2017. Greenview gifted a flowering plant and stand to the lodge for the Seniors Week Celebration.

Agricultural Services Manager, Quentin Bochar

Vegetation Management Program

Agricultural Services Administration attended a meeting in Grande Cache scheduled with Alberta Environment and Parks regarding invasive species control in the Willmore Wilderness Park. The regional Park Ecologist agrees that there is a major problem and something needs to be done to address it. We are working on a strategy to address this issue together. We also met with Alberta Transportation on how to deal with the 3 invasive phragmities (large perennial grasses found in wetlands) sites that have been identified along Highway 40 and Highway 43.

These two provincial agencies seem very keen on working with Greenview to solve some major issues with invasive species and a collaborative atmosphere with both provincial departments will be maintained.

Outdoor Recreation Facilities Maintenance

New seasonal staff have been hired and we are on our way to another busy season of maintaining the sites and installing improvements. Of particular note, the docks at Swan Lake are back in the water and the dock structures for the Grovedale Fish Pond and Grande Cache Lake are scheduled to be installed in the next couple of weeks.

Economic Development Officer, Kevin Keller

Tri-Municipal Industrial Partnership (TMIP)

Conducted two Tri-Municipal Industrial Partnership (TMIP) meetings in May. Contract for Project Manager has been posted with a revised closing date of June 15th, 2017. Special thanks to Greenview Human Resources department for their support.

Valleyview Economic Development Strategy

Greenview has been requested to provide ongoing input into the Valleyview Economic Development Strategic Plan which will be developed over the next year. This should help ensure alignment and awareness of both municipalities' economic development goals and allow for greater future collaboration.

Peace Petroleum Show

With the assistance of the Communications and Community Services departments, Administration was able to host two booths at the Peace Regional Petroleum Show on May 17th and 18th. Council and Administration BBQ chefs prepared over 400 hamburgers to attendees. This was an excellent opportunity for Greenview to interact with industry ratepayers.

Peace Region Economic Development Alliance (PREDA)

A meeting with the Peace Region Economic Development Alliance (PREDA) Executive Director on May 19th was held to gather past regional medical centre and airport viability study information.

Woodlands County

Administration met with Woodlands County Administration regarding future economic development collaboration opportunities and the support requirements of the Golden Triangle Snowmobile Club.

Upcoming Meetings

- West Yellowhead Community Futures 25th Anniversary on June 13th.
- Fox Creek Highway Alignment Committee Meeting on June 22nd.

Green View Family and Community Support Services (FCSS) Manager, Lisa Hannaford

The Family and Community Support Services (FCSS) Northwest Spring Regional meeting was hosted in Grande Cache on May 17th and 18th. Over fifty (50) board members and staff from Family and Community Support Services programs within the region attended the meeting.

The Summer Day Camp Coordinator is in place and camp dates and locations have been set. These camps are offered to children aged 6-12:

■ July 4-6 Grovedale Hall ■ July 11-13 Valleyview (Swanson Room) ■ July 18-20 DeBolt Centre ■ July 25-27 **FCSS Building** ■ August 1-3 Grovedale Hall New Fish Creek Community Hall August 15-17 August 22-24 Little Smoky Community Hall

Green View FCSS hosted its first 'Just in Case File" workshop on May 16th. The workshop allows participants to learn what documents are important to compile in case of a sudden death or emergency. This was an extremely popular event which received great feedback. There was enough people on the waiting list to fill two more workshops. The next workshop is planned for June 20th from 1:30 - 3:00 p.m. at the Community Resource Centre, registration for the event will be required.

Over thirty five (35) people registered to partake in the Blanket Exercise which will be hosted at the Memorial Hall on May 29th from 9:00-12:00. The Blanket Exercise is a participatory workshop in which participants will experience over 500 years of history by taking on the roles of indigenous people in Canada. Standing on blankets that represent the land, participants will travel through time and explore impacts of colonization, treaty making and modern legislation. By engaging participants on an emotional level, this workshop is a powerful tool for increasing empathy and understanding. The afternoon session will cover domestic violence, the cycle of abuse, effects on children, and trauma informed parenting.

Protective Services Manager, Jeff Francis

Fire Department

Greenview and the County of Grande Prairie Fire Services will be hosting the very first Grain Bin Extrication Training course in Canada on the weekend of June 24th. This will train the firefighters on the safe extrication of someone trapped in a grain bin.

Valleyview Fire Department and Greenview are hosting a hazardous materials course during the weekends of May $27^{th} - 28^{th}$ and June $3^{rd} - 4^{th}$ in Valleyview.

The new water tender for Grovedale Fire Department will be delivered approximately June 12th. This vehicle will replace Unit F-18 and was approved in the 2016 Protective Services Capital Budget (PS16004).

Both Grovedale and DeBolt Fire Departments have moved into the new public services buildings. Landscaping and dugout work has started and should be complete weather permitting, by the end of July. Grand Opening date proposals for both buildings are the end of August or beginning of September.

Health & Safety

The annual Greenview safety program audit will commence the week of June 26th. This year the audit is conducted by an external auditor.

The annual staff training week will be complete the week of May 22nd.

Recreation Services Manager, Stacey Wabick

Sasquatch & Partners Initiative



The Sasquatch & Partners Initiative focuses on educating outdoor recreation enthusiasts of good land stewardship practices through the use of positive messaging.

This new initiative continues to progress through its implementation phase. A variety of program signs have been drafted that will remind users of good practices while enjoying Greenview's green spaces. Recreation staff are currently working on having the sign content and locations accepted by the Province of Alberta. Other progress includes the completed development of a children's activity book and promotional t-shirts.

Grovedale Fish Pond

This spring a new cookhouse was built at the Grovedale Fish Pond and this site addition is already becoming popular. Positive reviews have circulated through word of mouth resulting in this facility being used by groups and families as shelter from the sun or rain while visiting the site. A local mental health organization is planning to use the facility for a team building event this June.

This steel building has a unique roof design that accommodates open flame campfires while allowing smoke to dissipate. Therefore, Administration has ordered 4 picnic tables, 2 fire pits and 2 cooking grills to be installed this summer. Exterior work will also continue with landscaping around the building.

Ridgevalley Walking Trails

With Council's continued support for increased recreation and leisure opportunities through development and enhancement of community and regional facilities, Administration has been working collaboratively with four separate landowners in Ridgevalley to design a walking trail for the hamlet. This collaboration has now resulted in Greenview submitting offers to purchase small portions of each of the 4 landowners' property for this development.

The proposed trail is approximately two kilometers in length with a packed aggregate surface designed for non-motorized use with the exception of handicapped scooters.

losegun Lake and Smoke Lake Campgrounds

Administration has recently received a request from Council to examine the possibility of assuming the leases for the losegun Lake and Smoke Lake campgrounds from the Town of Fox Creek. Administration has requested information from the Town that will assist in the preparation of a feasibility report. Site visits will also be conducted to review the state of these facilities.



MUNICIPAL DISTRICT OF GREENVIEW No. 16

Manager's Report

Function: Corporate Services

Submitted by: Rosemary Offrey, General Manager Corporate Services

Date: 5/31/2017

General Manager Corporate Services, Rosemary Offrey

During the month of May, I attended the "All Staff Day" event, which I enjoyed tremendously. Kuddos to Tisha for taking the lead on organizing this annual event along with the many Greenview teammates who helped set up for the event and clean up after the event. I attended 2 days at the Certificate in Municipal Management Leadership program in Grande Prairie. This course is offered by U of A in collaboration with the County of Grande Prairie. I also attended the annual "Mountain Refresher - Society of Local Government Manager's" conference from May 15th to 18th. At this conference, I spent time in a Council Orientation session with Gord McIntosh and 25 other participants. With the upcoming general municipal elections, Administrations across Canada, are seeking new methods to provide adequate and memorable information for their Council's orientation. As many Councillors may recall, the first few days of being introduced to how the Administration works, has traditionally been a memory overload for Councillor during the initial orientation. We plan on revising how Greenview does orientation in the fall.

The Electronic Records Management System Project, led by our own Administrative Support, FOIP and Records Management specialist is coming along nicely. She, along with other valuable team members have boxed and shipped 320 boxes of records to the successful scanning company. These records have been scanned and will be returned to Greenview, early June. At which time, Greenview will ship another 320 boxes of files to be scanned. When these are scanned and returned, there will be a final shipment to be scanned in late June, early July. To create efficiencies and cost saving, each time a shipment is returned another shipment is ready for shipping. The final shipment should be returned to Greenview late July. Our team lead on this project with the assistance of the service provider has created an efficient and effective plan to ensure that this project is completed in a timely manner.

Greenview, Alberta

As Council is aware Administration signed a lease contract with QMS Ltd., for two apartments. These apartments should be available for occupancy on July 1^{st} . In the meantime, due to the current lack of apartments, there are two staff members (Municipal Engineer and Engineering Technologist) who are staying at the Paradise Inn until the apartments are ready on July 1^{st} .

Over the past couple of weeks, Administration became aware that the Council Board Remuneration Policy required COLA adjustments whenever a COLA was granted for the staff. However, these COLA adjustments for 2014 (2%), 2015 (3%) and 2016 (2%) were not applied to Council or Board Member honorariums. Administration has completed the calculations for this oversight and will be issuing payments to all affected. The oversight impacted about 42 Council and Board members throughout the organization. The payment due the Council and Board Members ranges from \$10.00 to \$10,000.00, over the three year period. Administration has requested input from the auditors to determine whether or not there will be a need to amend the prior year's T4s or if these adjustments may be added to the 2017 T4s.

Although this expenditure was not calculated in the 2017 budget, Administration is recommending that Council permit Administration to proceed without adding extra funds to the operational budget until such time as Administration can determine that there is a need to add these funds. Of course this will mean that the honorarium and benefits GLs for Council and Board members most likely will go over budget quickly, based on past experience, the overall departmental expenditures should be within the approved budget.

Finance & Administration Manager, Donna Ducharme

During the month of May, Donna has been working on finalizing the Greenview Regional Waste Management Commission Financial Statements, as well as bank reconciliations. She also deals with the organization's insurance, as such when the managers send her notice that they are receiving or have received an insurable item, she ensures the item is listed with the insurer. The insurer required more effort this time around and requested recent pictures of all insured buildings along with the legal land location/address.

Human Resources – Recruitment & Retention, Jocelyn Moe

Positions filled since last report: 1) Administrative Support, Reception – Corporate Services, 2) Outdoor Recreation Facility Labourer (Seasonal), and 3) Maintenance Technician, Grovedale. There are no positions at offer stage, at this time. Open Competitions are as follows; 1) Utility Operator, 2) Gravel Checker, Grovedale (Seasonal) and 3) Gravel Checker, Valleyview (Seasonal). There have been no resignations or terminations since last report.

Information Systems, Shane Goalder

Shane is pleased to report that the Nutanix Server Project is installed. He has also installed the new digital communication tools that were expended for the 2017 budget. During the month of May, he has setup of multiple new users and issued digital communication tools for:

- Maintenance Technician
- o FCSS Coordinator, Summer Programmer

- Municipal Intern
- **Outdoor Recreation Facility Labourer**

Shane assisted with video display setup for the Multiplex Fundraising Sponsorship Event on May 30th. Administration keeping up-to-date with technology, will annually update the financial system, Shane successfully supervised and implemented this update for the financial system.

Update – Install of acoustic panels in Council Chamber.

Due to delays with the manufacturing of the printed image acoustic panels, installation was not completed in May. The Information Systems Technician has a firm commitment from the installer to complete the work on June 23rd.



MUNICIPAL DISTRICT OF GREENVIEW No. 16

CAO's Report

Function: CAO

Date: June 13th, 2017 Submitted by: Mike Haugen

Grande Cache Medical Clinic

Work on resolving this issue continues to move forward. Contact has been made with both the landlord and the doctors and it appears that a workable solution may be present. Administration is waiting upon information from the landlord.

Municipal Intern

Ms. Lagemaat has started her time at Greenview in the Recreation Department. It is anticipated that Ms. Lagemaat will be providing a general overview of her activities and learnings to Council on a regular basis.

Municipal Elections

Preparation for the Municipal Election continues. Nomination packages will be available in the near future. Administration is looking at potential days for the internal Greenview Council Orientation to occur. November 9th and 10th are being considered, though staff would like Council's input regarding dates.

Y Squad

The Y squad wrapped up their sessions last week. Administration will be conducting a review of the program and make recommendations to Council about the program.

Wetlands

Mr. Wabick and Mrs. Zellers are compiling a report regarding municipalities and wetlands. It is intended that this will be presented to Council in July.

Upcoming Dates:

Ratepayer BBQ – Valleyview June 13th
Ratepayer BBQ - Grovedale June 20th
Ratepayer BBQ - DeBolt July 11th

Ratepayer BBQ - Grande Cache September 19th