



File: 292-30/OGC2019-033

October 29, 2019

VIA ELECTRONIC MAIL:

Dear

**Re: Request for Information – Release
*Freedom of Information and Protection of Privacy Act (FOIPPA)***

I am writing further to your request received by the BC Oil and Gas Commission (Commission).

Please be advised that some of the records you requested contain information that is excepted from disclosure under FOIPPA. We have withheld the severed information pursuant to the following section 17 (Disclosure harmful to the financial or economic interests of a public body). A copy of the FOIPPA is available for access online: http://www.bclaws.ca/Recon/document/ID/freeside/96165_00

An electronic copy of the remainder of the records is being provided to you in accordance with FOIPPA. However, these records may be protected by copyright under the federal *Copyright Act*, pursuant to which unauthorized reproduction of works is forbidden. Permission of the copyright owner must be obtained prior to reproduction, dissemination or sale of these records.

Your file is now closed.

Pursuant to section 52 of the FOIPPA, you may ask the Office of the Information and Privacy Commissioner (OIPC) to review any decision, act, or failure to act with regard to your request under FOIPPA.

Please note that you have 30 business days to file your review with the OIPC. In order to request a review please write to:

*Information and Privacy Commissioner
PO Box 9038 Stn Prov Govt
4th Floor, 947 Fort Street
Victoria BC V8W 9A4
Phone: 250.387.5629 Fax: 250.387.1696
Email: info@oipc.bc.ca*

If you request a review, please provide the OIPC with a copy of your original request; a copy of the Commission's response; copies of correspondence with the Commission directly related to your request; and the reasons or grounds upon which you are requesting

the review. For more information on the complaint and review process, please visit the OIPC website: <https://www.oipc.bc.ca>

Please write FOIIntake@bcogc.ca, if you have any questions regarding your request or require any further clarification.

Yours truly,

Dana Keough
BC Oil and Gas Commission

From: O'Hanley, James G
Sent: Thursday, February 28, 2019 11:32 AM
To: 'Lew, Everett ALC:EX'
Subject: RE: OGC Decisions for 2018

Everett, our Agreement requires reporting on decisions but on a different timeframe and timeline than what you are asking for below. I can provide the list but normally maintain it by fiscal rather than calendar year.



James O'Hanley
Vice President, Applications
James.OHanley@bcogc.ca

Fort St John BC
[Office Address Directory](#)
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F. 250-419-4403
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From: Lew, Everett ALC:EX <Everett.Lew@gov.bc.ca>
Sent: Thursday, February 28, 2019 9:45 AM
To: O'Hanley, James G <James.OHanley@bcogc.ca>
Subject: FW: OGC Decisions for 2018

Mr. O'Hanley:

Are you still able to provide the information as requested earlier?

Thank you.

Everett Lew

ALC Auditor Agricultural Land Commission
#201-4940 Canada Way Burnaby BC V5G 4K6
Everett.Lew@gov.bc.ca

From: Lew, Everett ALC:EX
Sent: Monday, February 4, 2019 9:43 AM
To: 'O'Hanley, James G'
Subject: OGC Decisions for 2018

Good Day Mr. O'Hanley

I'm in the process of reconciling ALC decisions for the year 2018.

Would it be possible to receive the BC Oil and Gas Commission's list of decisions relating to the ALR for the year 2018?

Please include the OGC file number and type of use in the listing.

Thank you and trust a timely response will be forthcoming.

Everett Lew

ALC Auditor Agricultural Land Commission

#201-4940 Canada Way Burnaby BC V5G 4K6

Everett.Lew@gov.bc.ca

From: O'Hanley, James G
Sent: Friday, April 12, 2019 3:23 PM
To: 'Collins, Martin J ALC:EX'
Subject: RE: OGC maps
Attachments: Montney ALR 2.pdf

Trying again with a PDF version instead of the powerpoint slide. Hope it works.



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Vice President, Applications
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From: O'Hanley, James G
Sent: Friday, April 12, 2019 3:18 PM
To: 'Collins, Martin J ALC:EX'
Subject: FW: OGC maps

Martin, I have attached a short PP presentation with maps and data on the ALR in the northeast and specifically the Montney overlay. Please let me know if this covers what you need.



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Vice President, Applications
James.OHanley@bcogc.ca

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From: Collins, Martin J ALC:EX <Martin.Collins@gov.bc.ca>
Sent: Wednesday, April 10, 2019 3:01 PM

To: O'Hanley, James G <James.OHanley@bcogc.ca>

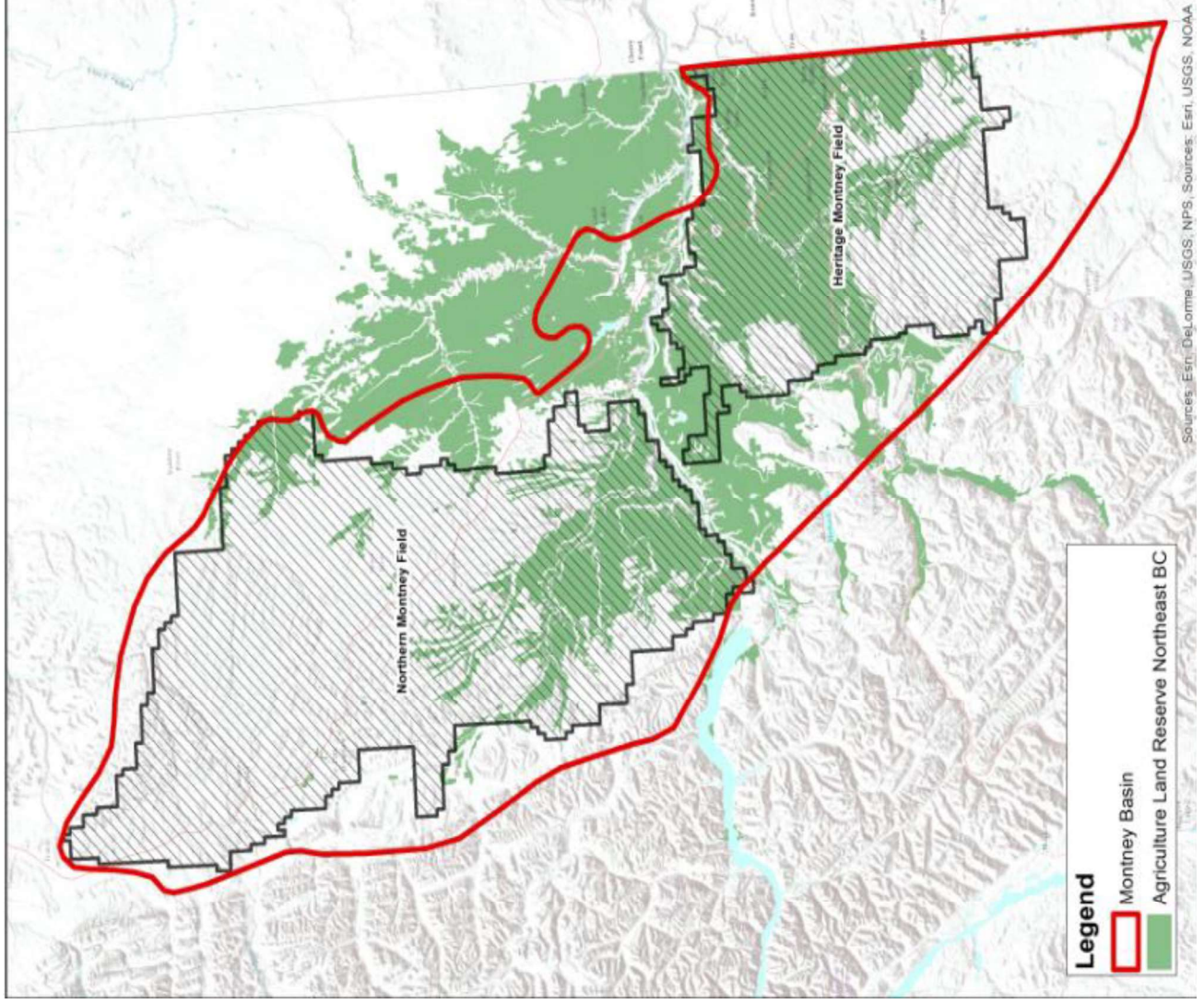
Subject: OGC maps

Hi James

Looking forward to your presentation to the ALC this May/June. However, I am tasked with providing a short presentation about the ALC/OGC delegation agreement to the Commission in a couple of weeks and wonder if you could provide some maps for incorporation into a PP presentation to the Commissioners. The map I am looking for is a map of the Montney formation showing the ALR overlay. Can you share it with me?

Martin Collins
Director of Policy and Planning
Agricultural Land Commission
#201, 4940 Canada Way, Burnaby, BC V5G 4K6
Phone: 604-660-2554
martin.collins@gov.bc.ca

Montney ALR – Location



From: Grout, Kim ALC:EX <Kim.Grout@gov.bc.ca>
Sent: Tuesday, May 21, 2019 4:36 PM
To: O'Hanley, James G; Collins, Martin J ALC:EX
Cc: Schaeffer, Michelle; Curry, Sean; Scheck, Devin C
Subject: RE: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

Thank you James.

Regards Kim

Kim Grout | CEO | Agricultural Land Commission
T 604-660-7028 | F 604-660-7033

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From: O'Hanley, James G [mailto:James.OHanley@bcogc.ca]
Sent: Tuesday, May 21, 2019 4:05 PM
To: Grout, Kim ALC:EX; Collins, Martin J ALC:EX
Cc: Schaeffer, Michelle OGC:EX; Curry, Sean OGC:EX; Scheck, Devin C OGC:IN
Subject: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

Kim and Martin, attached is the Delegation Agreement Annual Report for fiscal 2018-19. Apologies for the delay in getting it out. Please let me know if you have questions on it.



James O'Hanley
Vice President, Applications
James.OHanley@bcogc.ca

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May 21, 2019

Kim Grout, Chief Executive Officer
 Provincial Agricultural Land Commission
 201-4940 Canada Way
 Burnaby, BC
 V5G 4K6

Re: 2018-19 ALC-OGC Delegation Agreement Annual Activity Report

Dear Kim Grout,

The information presented in this document represents the annual report as required under Section V of the Agricultural Land Commission (ALC) – BC Oil and Gas Commission (OGC) Delegation Agreement (Delegation Agreement) for fiscal year 2018-19.

Section V requires the OGC to report annually on the following elements:

1. The area of ALR in northeast BC affected by each type of oil and gas activity and ancillary activity and the total area affected – fiscal year 2018-19

Activity	Area (ha)		Total area (ha)
	Crown	Private	
Pipelines	157	302	459
Wellsites, facilities	80	77	157
Roads	104	23	127
Ancillary	174	335	509
Total	515	737	1252

2. The area of ALR in northeast BC affected by oil and gas activities and ancillary activities in each capability class according to the Land Capability Classification for Agriculture in British Columbia classification system – fiscal year 2018-19

Agricultural Land Capability	Area (ha)		Total Area (ha)
	Crown	Private	
0	3	0	3
1	0	0	0
2	1	137	138
3	183	114	297
4	178	299	477
5	142	182	324
6	2	2	4
7	5	4	9
Total	514	738	1252

3. The area of ALR in northeast BC affected by oil and gas activities and ancillary activities in each of the following land cover categories: cultivated / pasture, forested and shrub – fiscal year 2018-19

Activity	Land Cover Categories				Total Area (ha)
	Forested	Shrub	Cultivated / Pasture	Clearing	
Pipelines	206	32	219	0	457
Wellsites, facilities	87	32	39	0	158
Roads	92	17	18	0	127
Ancillary	234	25	248	1	508
Total	619	106	524	1	1250

Land cover categories *Rock* and *No Land* are not included in the above. This accounts for discrepancies in the total affected area between Tables 1 & 2 and this table.

4. The area of private land and crown land ALR in northeast BC developed for oil and gas activities and ancillary activities

The table under item 1 shows the breakdown of area developed for oil and gas activities on both Crown and private land.

5. A summary of the cumulative footprint of oil and gas activities and ancillary activities on the ALR in northeast BC in each of the categories and subcategories specified in 12.1-12.4 expressed in hectares and as a percentage of the overall area of ALR lands in each category and subcategory.

The following 3 tables identify the cumulative footprints specified above. These footprint summaries include all historic oil and gas related development and do not factor in reclaimed areas.

Cumulative footprint by oil and gas and ancillary activity type

Activity	Total Area (ha)	Area (ha)		Area (%) ¹		
		Crown	Private	Crown	Private	Total
Pipelines	8,777	4,508	4,269	0.34	0.32	0.66
Wells, facilities	10,682	3,713	6,969	0.28	0.52	0.80
Roads	3,256	2,308	949	0.17	0.07	0.24
Ancillary	3,250	1,366	1,884	0.11	0.14	0.25
Total Affected	25,965	11,895	14,070	0.89	1.05	1.95
Total ALR	1,333,213	617,930	741,248	45.46	54.54	100.00

1 - Percent area is calculated against Total (ALR) Area

Cumulative footprint by agricultural land capability classification

Land Capability	Total Area (ha)	Total Area Affected (ha)			Total Area Affected (%)
		Crown	Private	Total	
Organic (O)	14,426	67	18	85	0.58
1	440	0	2	2	0.45
2	114,463	70	1,582	1,651	1.44
3	397,128	3,003	3,763	6,766	1.70
4	456,339	4,551	4,959	9,510	2.08
5	304,498	3,914	3,497	7,411	2.43
6	15,841	51	108	159	1.00
7	30,078	239	141	380	1.26
Total	1,333,213	11,895	14,070	25,965	1.95

Cumulative footprint by land cover classification

Activity	Land Cover Categories (ha)						Total Area (ha)
	Forest	Shrub	Cultivated / Pasture	Clearing	Rock	No Class	
Pipelines	4,765	742	3,193	6	0	70	8,777
Wells, facilities	3,613	869	6,018	153	0	30	10,682
Roads	2,041	336	859	2	0	19	3,256
Ancillary	1,689	210	1,304	1	0	46	3,250
Total Affected	12,107	2,157	11,374	162	0	165	25,965
Affected (%)*	1.6	2.5	2.5	10.5	0.0	0.4	99.99

* Represents the proportion of each ALR land cover category affected by oil and gas activity.

6. The number of sections where the footprint of oil and gas and related activities exceeds 20 ha and the total number of sections within the Identified ALR Lands

Of the 3,644 sections in the Peace River Block that contain ALR land, 57 of these sections have more than 20 hectares of oil and gas and ancillary activities.

This measure follows Appendix I of Delegation Agreement in applying the 20 ha threshold.

7. The total number of activities by activity type exempted from requiring permission for non-farm use pursuant to Part II of this Agreement

The Delegation Agreement identifies oil and gas and ancillary activities that are exempt from the requirement of an application for permission for non-farm use under the ALC Act. These activities, specified in Appendix I, are as follows:

- Item 1 – the combined total area of existing and proposed oil and gas activities and ancillary activities is less than or equal to 20 ha;
- Item 3 – pipelines or electric powerlines that are buried; powerlines that are immediately adjacent to access roads;

Schedule A's must be submitted for most exempted activities.

There were **238 Schedule A's submitted** for exempted activities in fiscal year 2018-19.

Activities exempt from requiring permission for non-farm use – fiscal 2018-19

Activity	Total area (ha)
Pipelines	459
Wellsites, facilities	82
Roads	13
Ancillary	427
Total	981

8. The total number of applications for permission for non-farm use, by activity type, received by the OGC, the OGC Commissioner and/or the OGC Deputy Commissioner under the Delegation Agreement and the decision made on each application – fiscal year 2018-19

The Delegation Agreement identifies oil and gas and ancillary activities that require a decision from the OGC under the ALC Act.

These activities, specified in Appendix I of the Agreement are as follows:

- Item 2 – oil and gas and ancillary activity sites where the combined total area of existing and proposed activities on the section is > 20.0 hectares
- Item 4 – above ground electric power line not immediately adjacent to a road
- Item 5 – conversion or expansion of an existing oil and gas activity or ancillary activity, or a new oil and gas activity or ancillary activity that is listed in (i)-(v) (multi-well facilities, sumps, water reservoirs, produced water storage ponds, camps, borrow / aggregate pits), for which new land is required and the total project (lease) area is >3.0 hectares...
- Item 6 – oil and gas waste storage, treatment, and/or disposal facility that is operated by a person who is not a producer, or a conversion or expansion of such a site for which new land is required.

Summary of applications involving OGC decisions

Summary Activity	Total
Applications Submitted	25
Applications Approved	24
Total Area of Non-farm Use Approved (ha)	172
Applications Triggering Item 2 of Appendix I ¹	19
Applications Triggering Item 4 of Appendix I ¹	4
Applications Triggering Item 5 of Appendix I ¹	7
Applications Triggering Item 6 of Appendix I ¹	0

The Number of Application triggering individual items in Appendix I exceeds the total because some applications trigger more than one item.

9. The total number of Schedule B Reports received by the OGC under the Delegation Agreement and the total area identified as reclaimed in the reports – fiscal year 2018-19

Section 6.3.4 of the Delegation Agreement requires the proponent of an activity to submit a Schedule B Report to the OGC (and to the landowner, if other than Crown land ownership).

The Commission is responsible for evaluating and recording the Schedule B reports.

The total number of Schedule B reports received by the OGC – fiscal year 2018-19

Activity Type	Schedule B's Submitted	Area Reclaimed (ha)*
Pipelines	187	933
Wells	14	20
Total	201	953

* The total area reclaimed is an estimate based on the best available information at the time of the report.

10. The total number of inspections and investigations conducted by the OGC pursuant to Part IV of the Delegation Agreement - fiscal year 2018-19

Type	Total
Inspections	1262
Investigations	0
Total	1262

11. The total number of enforcement actions undertaken by the OGC pursuant to section 56(1) of the ALC Act.

There were no enforcement actions undertaken by the OGC pursuant to section 56(1) of the *ALC Act*.

This concludes the information required for reporting under Part V of the Delegation Agreement.

Please contact the undersigned should there be any questions about this report.

Sincerely,



James O'Hanley, Vice President Applications
BC Oil and Gas Commission

From: Anderson, Justin
Sent: Friday, May 24, 2019 12:04 PM
To: 'Lew, Everett ALC:EX'
Cc: O'Hanley, James G
Subject: FW: OGC Annual Report
Attachments: Copy of Fiscal 2018-2019 OGC Detailed Listing-Updated By OGC.xlsx

Hi Everett

I have reviewed the spreadsheet you provided and have identified a few corrections and several files that were missing as per the below:

- File 100106235 was a refusal and should not be included on the list as area disturbed in the ALR.
- File 100106406 was approved April 2, 2019 and should not be included on the list.
- 8 files where decisions were made by the Commission were missing. I will forward these to you in a separate email.
- Some files were miss categorized and I have placed them in the right category on your list.

I have updated the list you provided with the above information and attached it. The list now matches what the Commission made for decisions. All red text in the spreadsheet are updates/corrections I made.

If you have any questions, please let me know.

Justin



Justin Anderson
Authorizations Manager
Justin.Anderson@BCOGC.ca

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From: Lew, Everett ALC:EX <Everett.Lew@gov.bc.ca>
Sent: Thursday, May 23, 2019 1:46 PM
To: O'Hanley, James G <James.OHanley@bcogc.ca>
Cc: Collins, Martin J ALC:EX <Martin.Collins@gov.bc.ca>
Subject: OGC Annual Report

Mr. O'Hanley

In reviewing your Annual Report, a discrepancy was noted in the number of Applications submitted.

Our records list only 18 applications while your report indicates 25 (Page 5 of your report).

Please find attached a detailed summary of OGC applications that were received by the ALC for the Fiscal 2018-2019 (April 1, 2018 to March 31, 2019). All information was obtained from the OGC decision letter.

It would be appreciated if our summary be reviewed and advise of any additional applications that we have omitted.

In addition, please note any errors that may be listed on our summary.

Thank you for your time and trust a timely response is forthcoming.

Everett Lew

ALC Auditor Agricultural Land Commission

#201-4940 Canada Way Burnaby BC V5G 4K6

Everett.Lew@gov.bc.ca

OGC Applications Fiscal 2018-2019

Applicant: BC Oil & Gas Commission

#	ALC ID	OGC File #	Company	Proposal	Area (ha) Disturbed Area	Date of OGC Letter
1	58022	100103902	Encana Corporation	wellsite, access and associated oil and gas activity	12.08	OGD / May 30, 2018
2		100103815	Shell Canada Limited	Wellsite and Associated Oil and Gas Activity	4.14	OGD / Jun 15, 2018
3	58005	100104360	Encana Corporation	Wellsite and Access Road	10.32	OGD / Jun 28, 2018
4		100105366	ARC Resources Ltd.	wellsite, access and associated oil and gas activity	13.65	OGD / Jun 28, 2018
5		100103843	Cambriam Energy Ltd.	Wellsite and Road	4.5	OGD / Aug 8, 2018
6	58119	100104630	ARC Resources Ltd.	Wellsite and Road	6.97	OGD / Aug 24, 2018
7	58320	100104054	Encana Corporation	Multi Well Pad Site	15.89	OGD / Nov 13, 2018
8	58860	100105746	ARC Resources Ltd.	Well	9.46	OGD / Dec 21, 2018
9		100107023	ARC Resources Ltd.	Wellsite	0.25	OGD / Feb 01, 2019
10	58612	100106116	ARC Resources Ltd.	Well	5.81	OGD / Feb 04, 2019
11	58615	100105598	Encana Corporation	Wellsite Expansion and Road Addition	3.32	OGD / Feb 04, 2019
12	58120	100105986	Encana Corporation	All Weather Road	1.11	OGD / Aug 24, 2018
13	58062	100105808	Encana Corporation	Road	1.59	OGD / Aug 31, 2018
14	58218	100105507	Shell Canada Limited	Road Amendment	2.77	OGD / Oct 16, 2018
15		100105487	Encana Corporation	Power line	0	OGD / Jun 6, 2018
16	58106	100105057	Encana Corporation	Power line	0	OGD / Aug 31, 2018
17		100105828	ARC Resources Ltd.	Power line	0	OGD / Sep 07, 2018
18		100107177	NorthRiver Midstream G and P Canada Inc.	Power line	0.1	OGD / Feb 04, 2019
19		100104792	Progress Energy Canada Ltd.	Fresh Water Storage Site	0.06	OGD / May 30, 2018
20	58138	100105755	Progress Energy Canada Ltd.	Fresh Water Storage Site	0.08	OGD / Aug 24, 2018
21	58373	100105828	ARC Resources Ltd.	Produced Water Hub	21.57	OGD / Sep 07, 2018
22	58861	100107277	ARC Resources Ltd.	Fresh Water Storage Site	15.06	OGD / Mar 19, 2019
23	58862	100107104	Murphy Oil Company Ltd.	Water Storage Site	14.8	OGD / Mar 19, 2019
24	57831	100105196	Coastal GasLink Pipeline Ltd.	camp site	27.97	OGD / May 30, 2018
Total Area					171.5	

Proposal by Type	Area (ha)
Wells (11)	86.39
Roads (3)	5.47
Facilities (1)	27.97
Power Lines (3)	0.1
Water Facilities, Reservoirs (5)	51.57
Total Types (18)	171.5
TOTAL (ha)	

From: Lew, Everett ALC:EX <Everett.Lew@gov.bc.ca>
Sent: Thursday, May 23, 2019 1:46 PM
To: O'Hanley, James G
Cc: Collins, Martin J ALC:EX
Subject: OGC Annual Report
Attachments: Fiscal 2018-2019 OGC Detailed Listing.xlsx

Mr. O'Hanley

In reviewing your Annual Report, a discrepancy was noted in the number of Applications submitted.

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In addition, please note any errors that may be listed on our summary.

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Everett Lew

ALC Auditor Agricultural Land Commission
#201-4940 Canada Way Burnaby BC V5G 4K6
Everett.Lew@gov.bc.ca

OGC Applications Fiscal 2018-2019

Applicant:

BC Oil & Gas Commission

#	ALC ID	OGC File #	Company	Proposal	Area (ha) Disturbed Area	Date of OGC Letter
1	58022	100103902	Encana Corporation	wellsite, access and associated oil and gas activity	12.08	OGD / May 30, 2018
2	58005	100104360	Encana Corporation	Wellsite and Access Road	10.32	OGD / Jun 28, 2018
3	58119	1000104630	ARC Resources Ltd.	Wellsite and Road	6.97	OGD / Aug 24, 2018
4	58320	100104054	Encana Corporation	Multi Well Pad Site	15.89	OGD / Nov 13, 2018
5	58860	100105746	ARC Resources Ltd.	Well	9.46	OGD / Dec 21, 2018
6	58612	100106116	ARC Resources Ltd.	Well	10.5	OGD / Feb 04, 2019
7	58615	100105598	Encana Corporation	Wellsite Expansion and Road Addition	3.32	OGD / Feb 04, 2019
8	58120	100105986	Encana Corporation	All Weather Road	1.11	OGD / Aug 24, 2018
9	58138	100105755	Progress Energy Canada Ltd.	spillway	0.08	OGD / Aug 24, 2018
10	58062	100105808	Encana Corporation	Road	1.59	OGD / Aug 31, 2018
11	58218	100105507-1	Shell Canada Limited	Road Amendment	2.767	OGD / Oct 16, 2018
12	58106	100105057	Encana Corporation	Power line	43.8	OGD / Aug 31, 2018
13	58373	100105828	ARC Resources Ltd.	Produced Water Hub	21.57	OGD / Sep 07, 2018
14	58318	100106235	ARC Resources Ltd.	Freshwater Storage Facility	15.06	OGD / Nov 13, 2018
15	58861	100107277	ARC Resources Ltd.	Fresh Water Storage Site	15.06	OGD / Mar 19, 2019
16	58862	100107104	Murphy Oil Company Ltd.	Water Storage Site	14.804	OGD / Mar 19, 2019
17	57831	100105196	Coastal GasLink Pipeline Ltd.	camp site	27.97	OGD / May 30, 2018
18	58992	100106406	ARC Resources Ltd.	Gas Processing Plant	28.65	OGD / Mar 21, 2019
Total Area					241.001	

Proposal by Type		Area (ha)
Wells (7)		68.54
Roads (4)		5.547
Facilities (2)		56.62
Power Lines (1)		43.8
Water Facilities, Reservoirs (4)		66.494
Total Types (18)	TOTAL (ha)	241.001

From: O'Hanley, James G
Sent: Tuesday, May 28, 2019 11:18 AM
To: 'Collins, Martin J ALC:EX'
Subject: RE: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

Martin, there were no investigations because there were no potential violations of the ALC Act identified. That is not to say there were no violations from oil and gas activities on ALR land however we normally apply our own legislation to those violations since we have more enforcement tools that we can use.



James O'Hanley
Vice President, Applications
James.OHanley@bcogc.ca

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From: Collins, Martin J ALC:EX
Sent: Tuesday, May 28, 2019 11:07 AM
To: O'Hanley, James G
Subject: RE: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

James

Thank you for the report. In reading it I note that there were no investigations? Is there any qualifier to this? Why is that?

Regards

Martin

From: O'Hanley, James G [<mailto:James.OHanley@bcogc.ca>]
Sent: Thursday, May 23, 2019 9:47 AM
To: Grout, Kim ALC:EX; Collins, Martin J ALC:EX
Cc: Schaeffer, Michelle OGC:EX; Curry, Sean OGC:EX; Scheck, Devin C OGC:IN
Subject: RE: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

Kim and Martin, we found 1 error in the report (1 item in the table under item 8) and have corrected it in this version.



James O'Hanley
Vice President, Applications
James.OHanley@bcogc.ca

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From: O'Hanley, James G
Sent: Tuesday, May 21, 2019 4:05 PM
To: Grout, Kim ALC:EX (Kim.Grout@gov.bc.ca) <Kim.Grout@gov.bc.ca>; 'martin.collins@gov.bc.ca' <martin.collins@gov.bc.ca>
Cc: Schaeffer, Michelle <Michelle.Schaeffer@BCOGC.ca>; Curry, Sean <Sean.Curry@BCOGC.ca>; Scheck, Devin C <Devin.Scheck@bcogc.ca>
Subject: ALC - OGC Delegation Agreement Annual Report Fiscal 2018-19

Kim and Martin, attached is the Delegation Agreement Annual Report for fiscal 2018-19. Apologies for the delay in getting it out. Please let me know if you have questions on it.



James O'Hanley
Vice President, Applications
James.OHanley@bcogc.ca

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May 23, 2019

Kim Grout, Chief Executive Officer
 Provincial Agricultural Land Commission
 201-4940 Canada Way
 Burnaby, BC
 V5G 4K6

Re: 2018-19 ALC-OGC Delegation Agreement Annual Activity Report

Dear Kim Grout,

The information presented in this document represents the annual report as required under Section V of the Agricultural Land Commission (ALC) – BC Oil and Gas Commission (OGC) Delegation Agreement (Delegation Agreement) for fiscal year 2018-19.

Section V requires the OGC to report annually on the following elements:

1. The area of ALR in northeast BC affected by each type of oil and gas activity and ancillary activity and the total area affected – fiscal year 2018-19

Activity	Area (ha)		Total area (ha)
	Crown	Private	
Pipelines	157	302	459
Wellsites, facilities	80	77	157
Roads	104	23	127
Ancillary	174	335	509
Total	515	737	1252

2. The area of ALR in northeast BC affected by oil and gas activities and ancillary activities in each capability class according to the Land Capability Classification for Agriculture in British Columbia classification system – fiscal year 2018-19

Agricultural Land Capability	Area (ha)		Total Area (ha)
	Crown	Private	
0	3	0	3
1	0	0	0
2	1	137	138
3	183	114	297
4	178	299	477
5	142	182	324
6	2	2	4
7	5	4	9
Total	514	738	1252

3. The area of ALR in northeast BC affected by oil and gas activities and ancillary activities in each of the following land cover categories: cultivated / pasture, forested and shrub – fiscal year 2018-19

Activity	Land Cover Categories				Total Area (ha)
	Forested	Shrub	Cultivated / Pasture	Clearing	
Pipelines	206	32	219	0	457
Wellsites, facilities	87	32	39	0	158
Roads	92	17	18	0	127
Ancillary	234	25	248	1	508
Total	619	106	524	1	1250

Land cover categories *Rock* and *No Land* are not included in the above. This accounts for discrepancies in the total affected area between Tables 1 & 2 and this table.

4. The area of private land and crown land ALR in northeast BC developed for oil and gas activities and ancillary activities

The table under item 1 shows the breakdown of area developed for oil and gas activities on both Crown and private land.

5. A summary of the cumulative footprint of oil and gas activities and ancillary activities on the ALR in northeast BC in each of the categories and subcategories specified in 12.1-12.4 expressed in hectares and as a percentage of the overall area of ALR lands in each category and subcategory.

The following 3 tables identify the cumulative footprints specified above. These footprint summaries include all historic oil and gas related development and do not factor in reclaimed areas.

Cumulative footprint by oil and gas and ancillary activity type

Activity	Total Area (ha)	Area (ha)		Area (%) ¹		
		Crown	Private	Crown	Private	Total
Pipelines	8,777	4,508	4,269	0.34	0.32	0.66
Wells, facilities	10,682	3,713	6,969	0.28	0.52	0.80
Roads	3,256	2,308	949	0.17	0.07	0.24
Ancillary	3,250	1,366	1,884	0.11	0.14	0.25
Total Affected	25,965	11,895	14,070	0.89	1.05	1.95
Total ALR	1,333,213	617,930	741,248	45.46	54.54	100.00

1 - Percent area is calculated against Total (ALR) Area

Cumulative footprint by agricultural land capability classification

Land Capability	Total Area (ha)	Total Area Affected (ha)			Total Area Affected (%)
		Crown	Private	Total	
Organic (O)	14,426	67	18	85	0.58
1	440	0	2	2	0.45
2	114,463	70	1,582	1,651	1.44
3	397,128	3,003	3,763	6,766	1.70
4	456,339	4,551	4,959	9,510	2.08
5	304,498	3,914	3,497	7,411	2.43
6	15,841	51	108	159	1.00
7	30,078	239	141	380	1.26
Total	1,333,213	11,895	14,070	25,965	1.95

Cumulative footprint by land cover classification

Activity	Land Cover Categories (ha)						Total Area (ha)
	Forest	Shrub	Cultivated / Pasture	Clearing	Rock	No Class	
Pipelines	4,765	742	3,193	6	0	70	8,777
Wells, facilities	3,613	869	6,018	153	0	30	10,682
Roads	2,041	336	859	2	0	19	3,256
Ancillary	1,689	210	1,304	1	0	46	3,250
Total Affected	12,107	2,157	11,374	162	0	165	25,965
Affected (%)*	1.6	2.5	2.5	10.5	0.0	0.4	99.99

* Represents the proportion of each ALR land cover category affected by oil and gas activity.

6. The number of sections where the footprint of oil and gas and related activities exceeds 20 ha and the total number of sections within the Identified ALR Lands

Of the 3,644 sections in the Peace River Block that contain ALR land, 57 of these sections have more than 20 hectares of oil and gas and ancillary activities.

This measure follows Appendix I of Delegation Agreement in applying the 20 ha threshold.

7. The total number of activities by activity type exempted from requiring permission for non-farm use pursuant to Part II of this Agreement

The Delegation Agreement identifies oil and gas and ancillary activities that are exempt from the requirement of an application for permission for non-farm use under the ALC Act. These activities, specified in Appendix I, are as follows:

- Item 1 – the combined total area of existing and proposed oil and gas activities and ancillary activities is less than or equal to 20 ha;
- Item 3 – pipelines or electric powerlines that are buried; powerlines that are immediately adjacent to access roads;

Schedule A's must be submitted for most exempted activities.

There were **238 Schedule A's submitted** for exempted activities in fiscal year 2018-19.

Activities exempt from requiring permission for non-farm use – fiscal 2018-19

Activity	Total area (ha)
Pipelines	459
Wellsites, facilities	82
Roads	13
Ancillary	427
Total	981

8. The total number of applications for permission for non-farm use, by activity type, received by the OGC, the OGC Commissioner and/or the OGC Deputy Commissioner under the Delegation Agreement and the decision made on each application – fiscal year 2018-19

The Delegation Agreement identifies oil and gas and ancillary activities that require a decision from the OGC under the ALC Act.

These activities, specified in Appendix I of the Agreement are as follows:

- Item 2 – oil and gas and ancillary activity sites where the combined total area of existing and proposed activities on the section is > 20.0 hectares
- Item 4 – above ground electric power line not immediately adjacent to a road
- Item 5 – conversion or expansion of an existing oil and gas activity or ancillary activity, or a new oil and gas activity or ancillary activity that is listed in (i)-(v) (multi-well facilities, sumps, water reservoirs, produced water storage ponds, camps, borrow / aggregate pits), for which new land is required and the total project (lease) area is >3.0 hectares...
- Item 6 – oil and gas waste storage, treatment, and/or disposal facility that is operated by a person who is not a producer, or a conversion or expansion of such a site for which new land is required.

Summary of applications involving OGC decisions

Summary Activity	Total
Applications Submitted	25
Applications Approved	24
Total Area of Non-farm Use Approved (ha)	180
Applications Triggering Item 2 of Appendix I ¹	19
Applications Triggering Item 4 of Appendix I ¹	4
Applications Triggering Item 5 of Appendix I ¹	7
Applications Triggering Item 6 of Appendix I ¹	0

The Number of Application triggering individual items in Appendix I exceeds the total because some applications trigger more than one item.

9. The total number of Schedule B Reports received by the OGC under the Delegation Agreement and the total area identified as reclaimed in the reports – fiscal year 2018-19

Section 6.3.4 of the Delegation Agreement requires the proponent of an activity to submit a Schedule B Report to the OGC (and to the landowner, if other than Crown land ownership).

The Commission is responsible for evaluating and recording the Schedule B reports.

The total number of Schedule B reports received by the OGC – fiscal year 2018-19

Activity Type	Schedule B's Submitted	Area Reclaimed (ha)*
Pipelines	187	933
Wells	14	20
Total	201	953

* The total area reclaimed is an estimate based on the best available information at the time of the report.

10. The total number of inspections and investigations conducted by the OGC pursuant to Part IV of the Delegation Agreement - fiscal year 2018-19

Type	Total
Inspections	1262
Investigations	0
Total	1262

11. The total number of enforcement actions undertaken by the OGC pursuant to section 56(1) of the ALC Act.

There were no enforcement actions undertaken by the OGC pursuant to section 56(1) of the *ALC Act*.

This concludes the information required for reporting under Part V of the Delegation Agreement.

Please contact the undersigned should there be any questions about this report.

Sincerely,



James O'Hanley, Vice President Applications
BC Oil and Gas Commission

From: O'Hanley, James G
Sent: Tuesday, May 28, 2019 3:00 PM
To: 'Collins, Martin J ALC:EX'
Subject: RE: Farmington Oil and Gas development

Martin, we did a somewhat similar analysis a year ago. That analysis looked at the everything within a 15 km radius of Farmington so it extends beyond the area below north of the Kiskatinaw River up to the Tower Lake area. That analysis showed the following:

Data & Analysis – Oil and Gas Activity

ALR Impacts – Oil and Gas Footprint in the Farmington Area :

	Without Pipelines	Including Pipelines
End of 2016	2.6%	4.1%
End of 2017	2.8%	4.5%
Including Approved Unbuilt	3.4%	5.7%
Montney Play as Whole	1.3%	2.0%

Reasons Footprint in Farmington is higher:

- New and legacy development occurring on same area
- Tenure holders are more active – development phase more advanced
- Depth of the Montney formation in these areas requires more wells
- More water storage and transport infrastructure
- Pipeline corridor for transmission pipelines
- Numbers don't reflect significant reclamation of legacy development – reclamation focus by OGC will ramp up with new legislation.



35



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From: Collins, Martin J ALC:EX

Sent: Tuesday, May 28, 2019 2:50 PM

To: O'Hanley, James G

Subject: RE: Farmington Oil and Gas development

How about the area noted below in the airphoto. Could you provide an area of facilities, including pipeline rights of way that are encompassed by the photo edges and provide a % of the total area. Your Annual report indicates that in the PRRD the total area of affected ALR is less than 2%. How does this high intensity area compare?

Regards

Martin



From: O'Hanley, James G [<mailto:James.OHanley@bcogc.ca>]
Sent: Tuesday, May 28, 2019 2:47 PM
To: Collins, Martin J ALC:EX
Subject: RE: Farmington Oil and Gas development

Sure. All I will need is the area and we can summarize whatever information you are looking for.



James O'Hanley
Vice President, Applications
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From: Collins, Martin J ALC:EX <Martin.Collins@gov.bc.ca>
Sent: Tuesday, May 28, 2019 2:32 PM
To: O'Hanley, James G <James.OHanley@bcogc.ca>
Subject: Farmington Oil and Gas development

Hi James

Is there any possibility of the OGC providing information as to what oil and gas facilities lie within the Farmington Area.

I will provide a snapshot of the area I am interested in . We might pull back from this an include a larger area.

Regards



Martin Collins
Director of Policy and Planning
Agricultural Land Commission
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Phone: 604-660-2554
martin.collins@gov.bc.ca