

2022 JULY 27

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2022.07.27

From	To	Total	Area
LEASES: A0096	A0119	24	6,536.0000 ha.
LICENCES: B0120	B0150	31	27,968.0000 ha.
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		55	34,504.0000 ha.

PUBLIC OFFERING OF CROWN  
PETROLEUM AND NATURAL GAS RIGHTS

BIDDING DEADLINE

Offers to purchase petroleum and natural gas leases and licences (including any subsequent amendments) contained in this notice will **not** be accepted after **12 noon on 2022 July 27**.

HOW TO SUBMIT BIDS

1. E-Bidding is mandatory for the submission of bids for petroleum and natural gas leases and licences.
2. Bid requests must be submitted using the Department of Energy's Electronic Transfer System (ETS).

AMOUNT OF PAYMENT

1. Your total bid includes the bonus, rent at \$3.50/ha or \$50.00, whichever is greater, and a fee of \$625.00.
2. A bonus offer of less than \$35.00/ha for either a lease or a licence will not be considered.
3. The department reserves the right to reject any bid.

FORM OF PAYMENT

1. Payments must be made by electronic funds transfer (EFT) only.
2. Companies and individuals that do not have a GST registration number are liable for payment of the Goods and Services Tax on various charges. All registrants must ensure that they provide their GST registration number by email to [crownlanddatasupport@gov.ab.ca](mailto:crownlanddatasupport@gov.ab.ca).

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account by noon on the day of the sale. It can take up to midnight on the day following the sale to see your funds debited from your bank account for an accepted bid.
2. Requesters of parcels posted in this public offering are expected to bid on their parcels. If you are a requester of a parcel and fail to bid, you will be charged a penalty of \$625.00 (plus GST) for each parcel unless it is purchased by someone else.
3. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZDs) and Deeper Rights Reversion Zone Designations (DRRZDs) respectively (See IL 98-14), and APPENDIX 3 containing, where necessary, addenda relating to surface access and terms and conditions for acquisition of parcels within Metis Settlements (See IL 92-19).
4. Addenda do not cover every access situation. Before bidding ensure that the public land manager is contacted for specific access constraints and for standard operating guidelines for that region. On privately owned lands, access approval is a confidential matter between the landowner and the mineral lessee.
5. The Government of Alberta's "*First Nations Consultation Policy on Land Management and Resource Development*" may apply to surface activities proposed as a result of acquired Crown mineral rights. For information go to <https://www.alberta.ca/indigenous-consultations-in-alberta.aspx>.

RESULTS OF THE PUBLIC OFFERING

1. Every effort will be made to publish sales results on the afternoon of **2022 July 27** and results will be available on Alberta Energy's website at <https://content.energy.alberta.ca/Tenure/1314.asp>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2022 June 01  
EDMONTON, Alberta

HELP DESK  
780-644-2300



2022 JULY 27

LEASE	HECTARES	LAND DESCRIPTION	
A0102	64	4-04-039: 24NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE LEDUC FM	(SHA010201) (SHA010401)  (DRRZD 7)
A0103	32	4-01-049: 20L9,L16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA010401)  (DRRZD 4)
A0104	8	4-01-050: 32L4W PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA010401)  (DRRZD 4)
--- NORTHERN REGION ---			
A0105	256	5-22-057: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUNVEGAN FM	(SHA008201) (SHA009601)  (DRRZD 21) (DRRZD 38)
A0106	256	5-10-059: 33 PETROLEUM AND NATURAL GAS	(SHA006701)
A0107	512	5-21-061: 31; 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0108	768	TRACT ONE 5-22-061: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 22) (DRRZD 37)
		TRACT TWO 5-22-061: 25; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
A0109	256	5-21-062: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0110	512	5-22-062: 1; 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 22) (DRRZD 37)
A0111	128	5-22-062: 29W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0112	512	5-22-064: 27; 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 207)

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0113	128	5-22-065: 17S PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 207)
A0114	256	5-22-065: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 38) (DRRZD 207)
A0115	384	TRACT ONE 6-06-069: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NIKANASSIN FM TO THE TOP OF THE MONTNEY FM	(DRRZD 34) (DRRZD 264)
		TRACT TWO 6-06-069: 6W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP TO THE TOP OF THE MONTNEY FM	(DRRZD 276) (DRRZD 264)
A0116	256	6-07-074: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0117	256	6-07-074: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0118	256	6-08-084: 27 PETROLEUM AND NATURAL GAS	(SHA006701)
A0119	192	5-23-085: 6N, SW PETROLEUM AND NATURAL GAS	(ADM001901)
24	6,536.00	HA TOTALS	<b>END</b>

2022 JULY 27

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0120	1280		(SHA008201)
	TRACT ONE	5-24-064: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUNVEGAN FM	(DRRZD 207) (DRRZD 38)
	TRACT TWO	5-24-064: 3; 4; 10; 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 38) (DRRZD 207)
B0121	4352		(SHA006701) (SHA007001) (SHA008001)
	TRACT ONE	5-17-065: 32 5-17-066: 2-5; 8-10; 14; 16-20 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-17-065: 33; 34 5-17-066: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0122	1280		
		5-22-065: 4-8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 207)
B0123	512		
	TRACT ONE	6-06-068: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE TOP OF THE MONTNEY FM	(DRRZD 22) (DRRZD 264)
	TRACT TWO	6-06-067: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE TOP OF THE MONTNEY FM	(DRRZD 21) (DRRZD 264)
B0124	256		(TSH003401) (TSH003501)
		6-07-068: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE DOIG FM	(DRRZD 38) (DRRZD 251)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0125	1280		(IRZ005201) (IRZ005601) (PNA021401) (SHA006701) (SHA007001) (TSH003501)
		TRACT ONE 6-05-070: 28 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-05-070: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT THREE 6-05-070: 26; 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TRACT FOUR 6-05-070: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
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B0126	512		(SHA006701)
		6-09-070: 2; 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM	(DRRZD 22) (DRRZD 251)
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B0127	256		(SHA006701) (SHA009601)
		6-10-070: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM	(DRRZD 22) (DRRZD 251)
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LICENCE	HECTARES	LAND DESCRIPTION	
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B0128	2368		(SHA007001)
TRACT ONE		6-07-076: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-07-076: 9; 10E; 14; 15; 23; 27N,SW PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT THREE		6-07-076: 4S,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM EXCEPTING NATURAL GAS IN THE CADOTTE MBR	(DRRZD 247) (ZD 106-1)
TRACT FOUR		6-07-076: 4NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE PEACE RIVER FM EXCEPTING NATURAL GAS IN THE CADOTTE MBR	(DRRZD 247) (DRRZD 40) (ZD 106-1)
TRACT FIVE		6-07-076: 33SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOE CREEK MBR PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 25) (DRRZD 21) (DRRZD 247)
TRACT SIX		6-07-076: 30NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT SEVEN		6-07-076: 33NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE DOE CREEK MBR PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 25) (DRRZD 21) (DRRZD 247)
TRACT EIGHT		6-07-076: 30SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE DOE CREEK MBR	(DRRZD 21) (DRRZD 25)
TRACT NINE		6-07-076: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 25) (DRRZD 247)
TRACT TEN		6-07-076: 33E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 21) (DRRZD 247)



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LICENCE	HECTARES	LAND DESCRIPTION	
B0129	2368		(SHA007001) (TSH003501)
TRACT ONE		6-08-077: 17E PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM EXCEPTING NATURAL GAS IN THE CADOTTE MBR EXCEPTING NATURAL GAS IN THE CADOMIN FM	(DRRZD 247) (DRRZD 264) (ZD 3263) (ZD 3263)
TRACT TWO		6-09-077: 7W PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE CHARLIE LAKE FM	(DRRZD 246) (DRRZD 32) (DRRZD 247)
TRACT THREE		6-09-076: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 25) (DRRZD 21) (DRRZD 264)
TRACT FOUR		6-08-077: 17W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM EXCEPTING NATURAL GAS IN THE HALFWAY FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 247) (ZD 3263) (DRRZD 264)
TRACT FIVE		6-09-076: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT SIX		6-09-077: 7E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
TRACT SEVEN		6-09-076: 36 6-09-077: 2; 3 PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT EIGHT		6-09-077: 1NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT NINE		6-09-076: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
TRACT TEN		6-09-077: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOE CREEK MBR	(DRRZD 25)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0130	6208		(SHA007001)
TRACT ONE		6-07-077: 7NW 6-08-077: 25N; 36S PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-07-077: 7SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25) (DRRZD 247)
		TO THE TOP OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT THREE		6-08-077: 36N 6-08-078: 11S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 264)
TRACT FOUR		6-07-078: 7 6-08-077: 25S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT FIVE		6-07-078: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE BELLOY FM	(DRRZD 32)
TRACT SIX		6-08-078: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
TRACT SEVEN		6-08-077: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE CHARLIE LAKE FM	(DRRZD 247)
TRACT EIGHT		6-06-078: 18W 6-07-077: 19 6-07-078: 11; 14W; 17N 6-08-077: 12; 13; 21; 24; 27N,SE; 29; 34 6-08-078: 2; 4; 9; 11NW; 16 PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT NINE		6-08-077: 28 6-08-078: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT TEN		6-07-078: 14E; 17S 6-08-077: 27SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0131	768		(TSH003501)
	TRACT ONE	6-09-077: 2 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE CHARLIE LAKE FM TO THE TOP OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 251) (DRRZD 264)
	TRACT TWO	6-09-077: 3 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE CHARLIE LAKE FM TO THE TOP OF THE HALFWAY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 246) (DRRZD 264)
	TRACT THREE	6-09-077: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0132	256	6-09-077: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM EXCEPTING NATURAL GAS IN THE HALFWAY FM	(DRRZD 247) (ZD 3263)
B0133	1408		
	TRACT ONE	6-06-078: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
	TRACT TWO	6-06-078: 28; 29S; 31 6-07-078: 34E PETROLEUM AND NATURAL GAS TO THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT THREE	6-07-078: 34W; 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0134	768		
	TRACT ONE	6-06-078: 28 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT TWO	6-06-078: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT THREE	6-06-078: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM TO THE BASE OF THE MONTNEY FM	(DRRZD 246) (DRRZD 264)
B0135	256	6-07-078: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 264)
B0136	256	6-09-078: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(TSH003501) (DRRZD 251)
B0137	256	6-09-078: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0138	256	5-25-079: 31 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
B0139	256	5-24-080: 29 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
B0140	256	5-24-080: 30 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
B0141	256	5-24-080: 32 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
B0142	256	5-25-080: 5 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701) (TSH003401) (TSH003501)
B0143	256	5-25-080: 6 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
B0144	256	5-24-084: 18 PETROLEUM AND NATURAL GAS	(ADM001901)
B0145	256	5-24-084: 19 PETROLEUM AND NATURAL GAS	(ADM001901)
B0146	256	5-25-084: 13 PETROLEUM AND NATURAL GAS	
B0147	256	5-23-085: 7 PETROLEUM AND NATURAL GAS	(ADM001901)
B0148	256	5-24-085: 1 PETROLEUM AND NATURAL GAS	(ADM001901)
B0149	256	5-24-085: 4 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA007001)
B0150	256	5-24-085: 9 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA007001)
31	27,968.00	HA TOTALS	<b>END</b>

ZONE DESIGNATIONS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

ZD: 58-1                      ZONE: 2140 VIKING FM  
  
INTERVAL: 2371.00 - 2488.00 FEET  
KEY WELL: 00/01-33-022-04W4/0  
LOG TYPE: ELECTRICAL

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ZD: 106-1                    ZONE: 3480 CADOMIN FM  
  
INTERVAL: 5790.00 - 5850.00 FEET  
KEY WELL: 00/06-22-075-07W6/0  
LOG TYPE: ELECTRICAL

                              ZONE: 2320 CADOTTE MBR  
  
INTERVAL: 3574.00 - 3700.00 FEET  
KEY WELL: 00/11-33-075-07W6/0  
LOG TYPE: ELECTRICAL

                              ZONE: 5600 PERMO-PENN SYSTEM  
  
INTERVAL: 6920.00 - 7070.00 FEET  
KEY WELL: 00/11-33-075-07W6/0  
LOG TYPE: ELECTRICAL

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ZD: 3263                    ZONE: 2320 CADOTTE MBR  
  
INTERVAL: 3776.00 - 3906.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

                              ZONE: 3480 CADOMIN FM  
  
INTERVAL: 5544.00 - 5598.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

                              ZONE: 5160 HALFWAY FM  
  
INTERVAL: 6336.00 - 6378.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

DRRZD: 4                    ZONE: 2480 MANNVILLE GRP  
  
INTERVAL: 2557.00 - 2985.00 FEET  
KEY WELL: 00/06-16-041-08W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 6                    ZONE: 2140 VIKING FM  
  
INTERVAL: 2600.00 - 2680.00 FEET  
KEY WELL: 00/10-10-042-14W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 7                    ZONE: 7200 LEDUC FM  
  
INTERVAL: 6418.00 - 7033.00 FEET  
KEY WELL: 00/06-20-041-24W4/0  
LOG TYPE: GAMMA RAY-SONIC

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DRRZD: 8                    ZONE: 2130 BOW ISLAND SD  
  
INTERVAL: 2140.00 - 2472.00 FEET  
KEY WELL: 00/11-31-011-10W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 21                   ZONE: 3052 BLUESKY-BULLHEAD  
  
INTERVAL: 2754.00 - 3043.00 FEET  
KEY WELL: 00/10-32-081-01W6/0  
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

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DRRZD: 22                   ZONE: 2640 SPIRIT RIVER FM  
  
INTERVAL: 2004.00 - 3138.00 FEET  
KEY WELL: 00/11-03-078-01W6/0  
LOG TYPE: INDUCTION ELECTRIC

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DRRZD: 23                   ZONE: 6960 NISKU FM  
  
INTERVAL: 5023.00 - 5190.00 FEET  
KEY WELL: 00/06-24-050-26W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 25                   ZONE: 1900 DOE CREEK MBR  
  
INTERVAL: 2330.00 - 2393.00 FEET  
KEY WELL: 00/07-04-075-10W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 32                   ZONE: 5560 BELLOY FM  
  
INTERVAL: 2883.00 - 3105.00 FEET  
KEY WELL: 00/10-24-078-19W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 34                   ZONE: 4080 NIKANASSIN FM  
  
INTERVAL: 2555.00 - 2680.00 METRES  
KEY WELL: 00/10-01-068-09W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 37                   ZONE: 5000 TRIASSIC SYSTEM  
  
INTERVAL: 6948.00 - 7042.00 FEET  
KEY WELL: 00/10-07-062-19W5/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

DRRZD: 38                    ZONE: 1920   DUNVEGAN FM  
  
INTERVAL: 2566.00 - 3038.00 FEET  
KEY WELL: 00/11-04-074-05W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 39                    ZONE: 1260   BELLY RIVER GRP  
  
INTERVAL: 1688.00 - 2453.00 FEET  
KEY WELL: 00/07-18-032-22W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 40                    ZONE: 2280   PEACE RIVER FM  
  
INTERVAL: 3760.00 - 4008.00 FEET  
KEY WELL: 00/07-09-076-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 48                    ZONE: 2420   BASAL COLORADO SD  
  
INTERVAL: 3004.00 - 3024.00 FEET  
KEY WELL: 00/06-27-025-12W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 207                   ZONE: 4440   NORDEGG MBR  
  
INTERVAL: 2038.00 - 2063.00 METRES  
KEY WELL: 00/11-06-066-24W5/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 246                   ZONE: 5160   HALFWAY FM  
  
INTERVAL: 6344.00 - 6402.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 247                   ZONE: 5080   CHARLIE LAKE FM  
  
INTERVAL: 2372.00 - 2448.50 METRES  
KEY WELL: 00/10-19-068-06W6/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 251                   ZONE: 5200   DOIG FM  
  
INTERVAL: 1770.00 - 1853.00 METRES  
KEY WELL: 00/03-22-078-10W6/0  
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

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DRRZD: 264                   ZONE: 5240   MONTNEY FM  
  
INTERVAL: 2229.00 - 2491.50 METRES  
KEY WELL: 00/06-32-076-11W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 276                   ZONE: 4140   FERNIE GRP  
  
INTERVAL: 2048.00 - 2151.00 METRES  
KEY WELL: 00/13-01-074-11W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

**ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1**

LEASE A0119  
 LICENCE B0138  
 LICENCE B0139  
 LICENCE B0140  
 LICENCE B0141  
 LICENCE B0142  
 LICENCE B0143  
 LICENCE B0144  
 LICENCE B0145  
 LICENCE B0147  
 LICENCE B0148  
 LICENCE B0149  
 LICENCE B0150

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO ERCB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

PNG SALES AND CROWN LAND DATA  
 MANAGER  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 427-8933

**HRV003701 HISTORIC RESOURCES VALUE 3**

LAND DESCRIPTION  
 LEASE A0098 4-04-022: 19L3,L6

ALL LAND(S) IS/ARE WITHIN A HERITAGE RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GEORGE CHALUT  
 LAND USE PLANNER  
 CULTURE, DEPARTMENT OF  
 HISTORIC RESOURCE MANAGEMENT BRANCH  
 LAND USE PLANNING SECTION  
 OLD ST STEPHEN'S COLLEGE  
 8820 112 ST NW  
 EDMONTON AB T6G 2P8 (780) 431-2329





ADDENDA AND CONTACTS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**

	LAND DESCRIPTION
LEASE A0106	
LEASE A0118	
LICENCE B0121	5-17-066: 2SP,N; 3SP,NWP,NE; 4NP; 5NP; 8-10; 14-20
LICENCE B0125	6-05-070: 11EP,W; 23S,NP; 26SEP; 28SP,NWP
LICENCE B0126	
LICENCE B0127	6-10-070: 30NP,SEP,SW
LICENCE B0138	
LICENCE B0139	5-24-080: 29SP,NW,NEP
LICENCE B0140	
LICENCE B0141	
LICENCE B0142	
LICENCE B0143	

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA007001 SPECIAL ACCESS ZONE**

	LAND DESCRIPTION
LICENCE B0121	5-17-065: 32-34 5-17-066: 2SP; 3SP,NWP; 4S,NP; 5S,NP
LICENCE B0125	6-05-070: 11EP; 23NP; 26N,SEP,SW; 27; 28SP,NWP,NE
LICENCE B0128	6-07-076: 4SP
LICENCE B0129	6-08-077: 17SP,NWP,NE
LICENCE B0130	6-07-077: 7N,SWP; 19 6-08-077: 12SP,N; 13; 21; 22; 24; 25EP,W; 27-29; 34; 36EP,W 6-08-078: 2SP,NEP; 4S,NP; 6
LICENCE B0149	5-24-085: 4SP,N
LICENCE B0150	

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA008001 SWAN HILLS GRIZZLY BEAR ZONE**

	LAND DESCRIPTION
LICENCE B0121	5-17-065: 32-34 5-17-066: 2P; 3P; 4P; 5P; 8P

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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ADDENDA AND CONTACTS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

**SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE**

LAND DESCRIPTION

LEASE A0105  
LICENCE B0120 5-24-064: 4P; 9P

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA009201 SENSITIVE SNAKE HIBERNACULA RANGE**

LEASE A0098

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA009301 SENSITIVE SNAKE HABITAT**

LEASE A0098

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA009601 MOUNTAIN GOAT AND SHEEP AREA DISEASE BUFFER**

LEASE A0105  
LICENCE B0127

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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ADDENDA AND CONTACTS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

**SHA009801 BURROWING OWL RANGE**

LEASE A0097  
LEASE A0098  
LEASE A0099  
LEASE A0100

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA009901 ENDANGERED AND THREATENED PLANTS RANGE**

LAND DESCRIPTION  
LEASE A0098 4-05-022: 1SW,NWP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA010201 SENSITIVE AMPHIBIAN RANGE**

LEASE A0097  
LEASE A0098  
LEASE A0099  
LEASE A0102

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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ADDENDA AND CONTACTS APPLICABLE TO THE 2022 JULY 27 PUBLIC OFFERING NOTICE

**TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER**

	LAND DESCRIPTION
LICENCE B0124	6-07-068: 29P
LICENCE B0125	6-05-070: 11NEP; 26NWP; 27NP
LICENCE B0129	6-09-077: 3NWP
LICENCE B0131	6-09-077: 3NWP
LICENCE B0136	6-09-078: 18NEP
LICENCE B0142	5-25-080: 5NP,SWP

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 800 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 800 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK  
PROVINCIAL WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - RESOURCE STEWARDSHIP DIVISION - ALBERTA ENVIRONMENT AND  
PARKS  
FISH & WILDLIFE STEWARDSHIP  
9920 108 ST NW FLOOR 6  
EDMONTON AB T5K 2M4 (780) 422-3344

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END