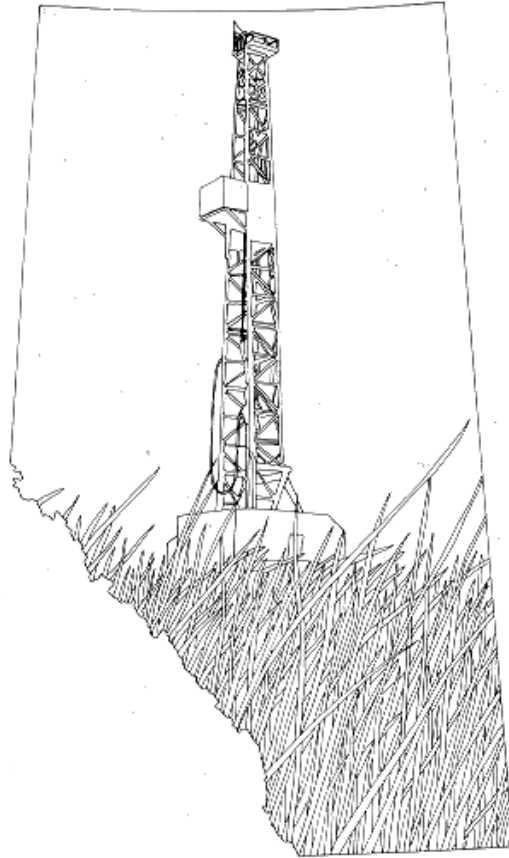


2018 MAY 02

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2018.05.02

From	To	Total	Area
LEASES: A0004	A0092	89	18,065.2400 ha.
LICENCES: B0093	B0104	12	12,096.0000 ha.
		-----	-----
		101	30,161.2400 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 2018 May 02**.

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 \$2.50/ha for a lease or \$1.25/ha for 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 in writing to the Financial Services Branch @ Fax No. (780) 422-4281.

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 acquiring Crown mineral rights. For information contact SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2018 May 02** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2018 MAY 02

LEASE	HECTARES	LAND DESCRIPTION
--- PLAINS REGION ---		
A0004	64	4-12-011: 19SE PETROLEUM AND NATURAL GAS
A0005	64	4-13-013: 20NW PETROLEUM AND NATURAL GAS
A0006	64	4-10-016: 19NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0007	256	4-21-019: 18 PETROLEUM AND NATURAL GAS
A0008	64	4-08-020: 21SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0009	64	TRACT ONE 4-08-020: 21L3S, L3NWSE, L3NWSW, L3NESE, L3NESW, L4, L5S, L5NW, L5NESE, L5NESW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD (DRRZD 8)
		TRACT TWO 4-08-020: 21L3NWNW, L3NWNW, L3NENE, L5NENW, L5NENE, L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0010	64	4-08-020: 21NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0011	64	4-08-020: 28SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0012	256	4-09-020: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0013	256	4-09-020: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0014	256	4-09-020: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0015	256	4-07-021: 14 PETROLEUM AND NATURAL GAS
A0016	256	4-07-021: 15 PETROLEUM AND NATURAL GAS

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LEASE	HECTARES	LAND DESCRIPTION	
A0017	256	4-07-021: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0018	256	4-07-021: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0019	256	4-08-021: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0020	256	4-08-021: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0021	192	4-08-021: 14S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0022	256	4-08-021: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0023	16	4-08-021: 23L4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE BOW ISLAND SD	(DRRZD 11) (ZD 196)
A0024	256	4-09-021: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0025	256	4-09-021: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0026	256	4-09-021: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0027	256	4-09-021: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0028	256	4-10-021: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0029	256	4-10-021: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0030	256	4-14-024: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)

PETROLEUM AND NATURAL GAS LEASES

2018 MAY 02

LEASE	HECTARES	LAND DESCRIPTION	
A0031	256	4-14-025: 5 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0032	256	4-14-025: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0033	51.6	4-15-025: 3SWP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/07/15. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0034	256	4-15-025: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0035	64	4-16-027: 3SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0036	64	4-17-027: 20SE NATURAL GAS IN THE BANFF FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(ZD 2773-A) (DRRZD 9)
A0037	256	4-17-027: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0038	256	4-17-028: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE SECOND WHITE SPECKS PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 13) (DRRZD 4)
A0039	256	4-17-028: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0040	256	4-18-028: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0041	256	4-18-028: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0042	57.64	4-19-028: 14SWP PORTION(S) LYING TO THE NORTH OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/03/03. PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0043	64	4-09-030: 17NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0044	256	TRACT ONE 4-22-031: 25SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE DUVERNAY FM EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 39) (DRRZD 286) (ZD 242)
		TRACT TWO 4-22-031: 25W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE DUVERNAY FM EXCEPTING NATURAL GAS IN THE BASAL BLAIRMORE	(DRRZD 39) (DRRZD 286) (ZD 78-1)
		TRACT THREE 4-22-031: 25NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 4) (DRRZD 286)
A0045	64	4-22-031: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TO THE BASE OF THE DUVERNAY FM	(DRRZD 9) (DRRZD 286)
A0046	256	TRACT ONE 4-22-031: 34W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 4) (DRRZD 286)
		TRACT TWO 4-22-031: 34E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TO THE BASE OF THE DUVERNAY FM	(DRRZD 9) (DRRZD 286)
A0047	256	4-23-031: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE DUVERNAY FM	(DRRZD 30) (DRRZD 286)
A0048	256	4-23-031: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 4) (DRRZD 286)
A0049	256	4-22-032: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 39) (DRRZD 286)
A0050	256	4-23-034: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0051	256	4-25-034: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE DUVERNAY FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(DRRZD 4) (DRRZD 286) (ZD 1090)

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LEASE	HECTARES	LAND DESCRIPTION	
A0052	256	TRACT ONE 4-25-034: 29SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE DUVERNAY FM EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(DRRZD 39) (DRRZD 286) (ZD 1090) (ZD 1090)
		TRACT TWO 4-25-034: 29N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE DUVERNAY FM	(DRRZD 30) (DRRZD 286)
A0053	256	4-25-035: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0054	256	4-22-036: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0055	512	4-26-036: 32 4-26-037: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0056	256	4-22-037: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0057	256	5-04-037: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0058	256	5-04-038: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0059	64	4-26-039: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE NISKU FM	(DRRZD 39) (DRRZD 23)
A0060	256	4-25-040: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NISKU FM	(DRRZD 6) (DRRZD 23)
A0061	256	4-08-041: 28 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(ZD 2183)
A0062	192	4-12-041: 30S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0063	128	4-13-041: 24S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0064	128	4-13-041: 24N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0065	256	4-15-045: 22 PETROLEUM AND NATURAL GAS	
A0066	256	4-15-045: 28 PETROLEUM AND NATURAL GAS	
A0067	256	5-03-045: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0068	256	4-09-046: 11 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2301)
A0069	256	4-15-046: 2 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 6)
A0070	256	4-15-046: 4 PETROLEUM AND NATURAL GAS	
A0071	192	TRACT ONE 5-03-046: 1NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM  TRACT TWO 5-02-046: 6N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 280) (DRRZD 39) (DRRZD 57)  (DRRZD 57)
A0072	192	5-02-046: 20N,SE PETROLEUM AND NATURAL GAS	(PNA006001)
A0073	256	5-02-046: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0074	256	5-02-046: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)



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LEASE	HECTARES	LAND DESCRIPTION	
A0075	256	5-03-046: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0076	20	4-27-048: 21L3,L4SE PETROLEUM AND NATURAL GAS	
A0077	64	4-05-051: 10SE PETROLEUM AND NATURAL GAS	
A0078	256	5-04-051: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0079	256	4-17-059: 17 PETROLEUM AND NATURAL GAS	
A0080	64	4-16-061: 6SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(SHA006701) (DRRZD 6)
A0081	256	5-01-062: 33 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0082	128	5-17-053: 12E PETROLEUM AND NATURAL GAS	
A0083	64	5-06-054: 28NW PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
A0084	256	5-18-060: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUNVEGAN FM	(FRP006001) (DRRZD 22) (DRRZD 38)
A0085	256	5-18-060: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0086	256	5-07-061: 18 PETROLEUM AND NATURAL GAS	(TSH003501)
A0087	64	5-09-062: 1SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0088	256	6-04-077: 18N; 19S PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0089	64	5-10-086: 4SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(DRRZD 18)

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LEASE	HECTARES	LAND DESCRIPTION	
A0090	64	5-10-086: 4NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0091	256	6-03-086: 36 PETROLEUM AND NATURAL GAS	(SHA007001) (SHA008401)
--- Foothills Region ---			
A0092	256	6-05-060: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
89	18,065.24	HA TOTALS	<b>END</b>

2018 MAY 02

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0093	2816		
	TRACT ONE	4-25-033: 4S,NW; 6 4-26-032: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 39) (DRRZD 286)
	TRACT TWO	4-25-033: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 4) (DRRZD 286)
	TRACT THREE	4-25-033: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE DUVERNAY FM	(DRRZD 30) (DRRZD 286)
	TRACT FOUR	4-25-032: 30 4-26-032: 2; 10-12; 14; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP TO THE BASE OF THE DUVERNAY FM	(DRRZD 277) (DRRZD 286)
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B0094	2240		
	TRACT ONE	4-25-034: 6 4-26-034: 12N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	4-25-033: 29 4-26-034: 11NE; 14E; 22NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT THREE	4-25-034: 4S,NE; 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FOUR	4-25-033: 32; 33 4-25-034: 4NW; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
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--- NORTHERN REGION ---			
B0095	768		(TSH003401) (TSH003501)
	TRACT ONE	5-19-063: 7; 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 21) (DRRZD 287)
	TRACT TWO	5-19-063: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 21) (DRRZD 37) (DRRZD 5)

2018 MAY 02

LICENCE	HECTARES	LAND DESCRIPTION	
B0096	768		(TSH003401) (TSH003501)
	TRACT ONE	5-20-063: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 6) (DRRZD 22) (DRRZD 21) (DRRZD 287)
	TRACT TWO	5-19-063: 19 5-20-063: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 21) (DRRZD 287)
B0097	1536		(SHA006701) (SHA008201)
	TRACT ONE	6-07-064: 16; 21; 29; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-08-065: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP TO THE BASE OF THE HALFWAY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 38) (DRRZD 276) (DRRZD 246) (DRRZD 32)
	TRACT THREE	6-07-065: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP TO THE BASE OF THE HALFWAY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 276) (DRRZD 246) (DRRZD 264)
B0098	384		(SHA008001)
		5-10-070: 19N; 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0099	1024		
		5-14-073: 2; 3; 10; 11 PETROLEUM AND NATURAL GAS	
B0100	256		(TSH003401) (TSH003501)
		6-10-074: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM TO THE BASE OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 246) (DRRZD 251) (DRRZD 264)
B0101	256		(SHA007001)
		6-07-075: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE BELLOY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GRANITE WASH EXCEPTING NATURAL GAS IN THE PERMO-PENN SYSTEM	(DRRZD 247) (DRRZD 32) (DRRZD 222) (ZD 106-1)
B0102	256		(ADM011501)
		5-10-091: 28 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION
B0103	1024	
	TRACT ONE	6-09-109: 14; 22; 23; 26N,SW PETROLEUM AND NATURAL GAS
	TRACT TWO	6-09-109: 26SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM (DRRZD 18)
B0104	768	6-09-109: 27; 35; 36 PETROLEUM AND NATURAL GAS
12	12,096.00	HA TOTALS

END

ZONE DESIGNATIONS APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

ZD: 78-1                    ZONE: 3180 BASAL BLAIRMORE  
  
INTERVAL: 4710.00 - 4913.00 FEET  
KEY WELL: 00/15-14-031-22W4/0  
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: 196                    ZONE: 2130 BOW ISLAND SD  
  
INTERVAL: 2434.00 - 2647.00 FEET  
KEY WELL: 00/07-13-022-08W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 242                    ZONE: 3000 GLAUCONITIC SS  
  
INTERVAL: 4695.00 - 4795.00 FEET  
KEY WELL: 00/11-10-031-22W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 1090                   ZONE: 2140 VIKING FM  
  
INTERVAL: 4958.00 - 5075.00 FEET  
KEY WELL: 00/06-06-035-25W4/0  
LOG TYPE: NOT IDENTIFIED

                            ZONE: 6100 RUNDLE GRP  
  
INTERVAL: 5595.00 - 5735.00 FEET  
KEY WELL: 00/06-06-035-25W4/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 2183                   ZONE: 3000 GLAUCONITIC SS  
  
INTERVAL: 2660.00 - 2765.00 FEET  
KEY WELL: 00/10-28-041-08W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2301                   ZONE: 2140 VIKING FM  
  
INTERVAL: 2140.00 - 2265.00 FEET  
KEY WELL: 00/11-02-048-12W4/0  
LOG TYPE: INDUCTION ELECTRIC

---

ZD: 2773-A                 ZONE: 6440 BANFF FM  
  
INTERVAL: 3960.00 - 4002.00 FEET  
KEY WELL: 00/10-02-027-17W4/0  
LOG TYPE: DENSILOG

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

DRRZD: 3                    ZONE: 1700    CARDIUM FM  
  
INTERVAL: 6303.00 - 6436.00 FEET  
KEY WELL: 00/16-16-041-06W5/0  
LOG TYPE: ELECTRICAL

---

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

---

DRRZD: 5                    ZONE: 7440    BEAVERHILL LAKE GRP  
  
INTERVAL: 8645.00 - 9118.00 FEET  
KEY WELL: 00/10-22-068-11W5/0  
LOG TYPE: INDUCTION ELECTRICAL

---

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

---

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

---

DRRZD: 9                    ZONE: 6440    BANFF FM  
  
INTERVAL: 4513.00 - 4971.00 FEET  
KEY WELL: 00/07-03-031-20W4/0  
LOG TYPE: GAMMA RAY-SONIC

---

DRRZD: 11                   ZONE: 1580    MILK RIVER FM  
  
INTERVAL: 677.00 - 972.00 FEET  
KEY WELL: 00/15-02-014-05W4/0  
LOG TYPE: ELECTRICAL

---

DRRZD: 12                   ZONE: 1640    MEDICINE HAT SD  
  
INTERVAL: 1312.00 - 1582.00 FEET  
KEY WELL: 00/06-30-014-04W4/0  
LOG TYPE: INDUCTION GAMMA RAY

---

DRRZD: 13                   ZONE: 1860    SECOND WHITE SPECKS  
  
INTERVAL: 1820.00 - 2030.00 FEET  
KEY WELL: 00/10-17-014-09W4/0  
LOG TYPE: INDUCTION ELECTRIC

---

DRRZD: 18                   ZONE: 7580    SLAVE POINT FM  
  
INTERVAL: 4196.00 - 4336.00 FEET  
KEY WELL: 00/02-17-088-08W5/0  
LOG TYPE: GAMMA RAY-ACOUSTIC

---

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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

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

---

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

---

DRRZD: 30                    ZONE: 6420 PEKISKO FM

INTERVAL: 9232.00 - 9390.00 FEET  
KEY WELL: 00/07-13-033-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

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

---

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

---

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

---

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

---

DRRZD: 57                    ZONE: 6440 BANFF FM

INTERVAL: 4247.00 - 4776.00 FEET  
KEY WELL: 00/02-24-056-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 222                    ZONE: 7975 GRANITE WASH

INTERVAL: 3468.00 - 3587.50 METRES  
KEY WELL: 00/03-03-074-07W6/0  
LOG TYPE: DUAL INDUCTION

---

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

---

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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

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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DRRZD: 277                    ZONE: 6580 WABAMUN GRP  
  
INTERVAL: 10452.00 - 11198.00 FEET  
KEY WELL: 00/03-10-063-26W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 280                    ZONE: 1060 EDMONTON GRP  
  
INTERVAL: 335.00 - 962.00 METRES  
KEY WELL: 00/06-24-044-04W5/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

---

DRRZD: 286                    ZONE: 7280 DUVERNAY FM  
  
INTERVAL: 1553.30 - 1600.30 METRES  
KEY WELL: 00/07-14-048-21W4/0  
LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

---

DRRZD: 287                    ZONE: 7285 DUVERNAY-MAJEAU LAKE FM  
  
INTERVAL: 3274.00 - 3334.00 METRES  
KEY WELL: 00/03-32-063-22W5/0  
LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

**ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2**  
 LICENCE B0102

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:

DONNA CRAWFORD  
 MANAGER  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 427-8933

**FRP006001 FOREST RESEARCH PLOT**

LAND DESCRIPTION  
 LEASE A0084 5-18-060: 35SWP

ALL LAND(S) IS/ARE WITHIN A FOREST RESEARCH PLOT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER  
 WHITECOURT OFFICE  
 WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF  
 SUSTAINABLE RESOURCE DEV  
 5020 52 AVE SUITE 224  
 WHITECOURT AB T7S 1N2 (780) 778-7153

**PNA006001 MOUNT BUTTE**

LAND DESCRIPTION  
 LEASE A0072 5-02-046: 20NE

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE  
 PLANNING AND LAND USE TECHNOLOGIST  
 TOURISM, PARKS AND RECREATION  
 PARKS AND PROTECTED AREAS DIVISION  
 9820 106 ST NW FLOOR 2  
 EDMONTON AB T5K 2J6 (780) 644-5357

**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**

LAND DESCRIPTION  
LEASE A0080 4-16-061: 6SWP  
LEASE A0092 6-05-060: 22EP  
LICENCE B0097 6-07-064: 16NP,SE,SWP; 21SEP

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA007001 SPECIAL ACCESS ZONE**

LEASE A0091  
LICENCE B0101

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA008001 SWAN HILLS GRIZZLY BEAR ZONE**

LICENCE B0098

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 422-3344

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**SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE**

LEASE A0092  
LICENCE B0097

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 422-3344

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2018 MAY 02 PUBLIC OFFERING NOTICE

**SHA008401 CHINCHAGA GRIZZLY BEAR ZONE**

LEASE A0091

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9920 108 ST NW FLOOR 2

EDMONTON AB T5K 2M4

(780) 422-3344

**TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER**

LAND DESCRIPTION

LICENCE B0095 5-19-063: 17P

LICENCE B0096 5-19-063: 19P

5-20-063: 24P

LICENCE B0100 6-10-074: 26P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9920 108 ST NW FLOOR 2

EDMONTON AB T5K 2M4

(780) 422-3344

**TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER**

LAND DESCRIPTION

LEASE A0086 5-07-061: 18P

LICENCE B0095 5-19-063: 17P

LICENCE B0096 5-19-063: 19P

5-20-063: 24P

LICENCE B0100 6-10-074: 26P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9920 108 ST NW FLOOR 2

EDMONTON AB T5K 2M4

(780) 422-3344

END