

2016 AUGUST 03

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta  
Government

## PUBLIC OFFERING CONTROL COUNTS FOR 2016.08.03

From	To	Total	Area
LEASES: A0001	A0057	57	16,000.0000 ha.
LICENCES: B0058	B0077	20	37,409.4360 ha.
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		77	53,409.4360 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 2016 August 03**.

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 **2016 August 03** 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.

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LEASE	HECTARES	LAND DESCRIPTION
--- PLAINS REGION ---		
A0001	64	4-15-012: 24NE PETROLEUM AND NATURAL GAS
A0002	64	4-16-013: 25SE PETROLEUM AND NATURAL GAS
A0003	832	TRACT ONE 4-16-013: 26NE; 35 PETROLEUM AND NATURAL GAS  TRACT TWO 4-16-014: 2; 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD (DRRZD 48)
A0004	256	4-22-017: 15 PETROLEUM AND NATURAL GAS
A0005	64	4-18-027: 28NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12) EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM (DRRZD 6)
A0006	256	TRACT ONE 4-01-033: 3N, L5-L8 PETROLEUM AND NATURAL GAS  TRACT TWO 4-01-033: 3L1-L4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BAKKEN FM (DRRZD 53)
A0007	256	4-28-033: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0008	256	4-28-033: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0009	256	4-28-033: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0010	64	4-09-034: 31NW PETROLEUM AND NATURAL GAS
A0011	256	5-03-034: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0012	128	4-04-038: 36S PETROLEUM AND NATURAL GAS

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LEASE	HECTARES	LAND DESCRIPTION	
A0013	832		(HRV002501) (HRV003201)
TRACT ONE		4-28-038: 14; 22; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-28-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0014	64	4-27-041: 26NE PETROLEUM AND NATURAL GAS	
A0015	256	4-27-041: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0016	64	4-28-041: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0017	1280		(PPR000701) (SHA007201)
TRACT ONE		5-01-041: 11; 14N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		5-01-041: 14SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE		5-01-041: 10; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-01-041: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
A0018	256	4-25-046: 2 PETROLEUM AND NATURAL GAS	
A0019	256	4-25-046: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0020	256	4-25-046: 10 PETROLEUM AND NATURAL GAS	
A0021	256	4-27-047: 14 PETROLEUM AND NATURAL GAS	
A0022	256		
TRACT ONE		4-27-047: 16S,NE,L11,L12,L14 PETROLEUM AND NATURAL GAS	
TRACT TWO		4-27-047: 16L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 65)

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LEASE	HECTARES	LAND DESCRIPTION	
A0023	64	5-02-049: 26NE PETROLEUM AND NATURAL GAS	
A0024	256	5-02-050: 4 PETROLEUM AND NATURAL GAS	(PDM001501)
A0025	256	5-02-050: 34 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0026	64	5-07-039: 25NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
A0027	256	TRACT ONE 5-05-042: 2W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
		TRACT TWO 5-05-042: 2NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SS	(DRRZD 90)
		TRACT THREE 5-05-042: 2SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0028	128	5-16-046: 26S PETROLEUM AND NATURAL GAS TO THE TOP OF THE CARDIUM FM	(SHA006701) (SHA007901) (DRRZD 3)
A0029	128	5-16-046: 36E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP	(SHA006701) (SHA007901) (DRRZD 280) (DRRZD 39)
A0030	256	5-20-054: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(TSH003301) (DRRZD 3) (DRRZD 22)
A0031	256	5-19-055: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 6) (DRRZD 22)
A0032	256	5-20-063: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (DRRZD 21)
A0033	256	5-20-063: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(SHA006701) (DRRZD 37)

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LEASE	HECTARES	LAND DESCRIPTION	
A0034	192	5-18-065: 20NE; 29S PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0035	448	5-18-065: 22S; 23N,SE; 26S PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(SHA007001) (TSH003301)  (DRRZD 66)
A0036	256	5-18-065: 29N; 32SE; 33SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(TSH003301)  (DRRZD 66)
A0037	1792	5-18-066: 14; 25-28; 34; 35 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007001)
A0038	256	6-09-066: 28 PETROLEUM AND NATURAL GAS	
A0039	256	TRACT ONE 6-07-067: 30S,NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE CADOMIN FM	(ZD 3309-1) (ZD 3309-1-B)
		TRACT TWO 6-07-067: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0040	128	6-05-068: 18S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(PPR006101) (SHA006701)  (DRRZD 247)
A0041	256	6-05-068: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0042	256	6-05-068: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(DRRZD 21) (ZD 3577)
A0043	256	6-06-068: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0044	128	6-06-068: 32E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0045	64	6-06-069: 6NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE SPIRIT RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 38) (DRRZD 22)  (DRRZD 247)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE  
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LEASE	HECTARES	LAND DESCRIPTION	
A0046	256	6-06-069: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NIKANASSIN FM	(DRRZD 34)
A0047	256	6-08-071: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0048	512	TRACT ONE 6-08-072: 5E; 8E PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
		TRACT TWO 6-08-071: 33S PETROLEUM AND NATURAL GAS TO THE TOP OF THE DOIG FM	(DRRZD 251)
		TRACT THREE 6-08-071: 33N PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0049	256	5-25-072: 30 PETROLEUM AND NATURAL GAS TO THE TOP OF THE PEACE RIVER FM	(DRRZD 40)
A0050	128	6-09-074: 10E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(TSH003301) (DRRZD 21) (DRRZD 247)
A0051	256	6-07-075: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE MONTNEY FM EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(DRRZD 25) (DRRZD 264) (ZD 2800-1)
A0052	256	TRACT ONE 6-09-075: 29E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE HALFWAY FM	(DRRZD 21) (DRRZD 246)
		TRACT TWO 6-09-075: 29NW, L3, L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOUNDARY MBR TO THE BASE OF THE HALFWAY FM	(DRRZD 36) (DRRZD 246)
		TRACT THREE 6-09-075: 29L4, L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE HALFWAY FM	(DRRZD 247) (DRRZD 246)
A0053	64	6-10-075: 13NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 21) (DRRZD 247)
A0054	256	5-22-076: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE GRANITE WASH	(IRS000201) (SHA006701) (DRRZD 70)

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LEASE	HECTARES	LAND DESCRIPTION	
A0055	256	5-26-076: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(SHA007001)  (DRRZD 255)
A0056	256	6-09-076: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(TSH003301)  (DRRZD 21) (DRRZD 251)
A0057	256	TRACT ONE 6-08-077: 27N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(SHA007001)  (DRRZD 247)
		TRACT TWO 6-08-077: 27SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 21) (DRRZD 247)
57	16,000.00	HA TOTALS	<b>END</b>



2016 AUGUST 03

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0058	2145.44	<p>TRACT ONE</p> <p>4-27-039: 2S,NW; 3SEP                      PORTION(S) DESIGNATED AS RED DEER RIVER ON A TOWNSHIP                      PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL                      AT OTTAWA ON 1893/06/27.                      3SWP                      PORTION(S) LYING OUTSIDE RAILWAY PLAN C &amp; E NO. 1.                      3NWP                      PORTION(S) SHOWN AS A LAKE ON A TOWNSHIP PLAN                      APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT                      OTTAWA ON 1893/06/27.                      10S,NW; 16                      PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE                      EDMONTON GRP</p>	(DRRZD 280)
		<p>TRACT TWO</p> <p>4-27-039: 2NE; 10NE; 11; 12; 14; 15SEP,NWP                      PORTION(S) DESIGNATED AS BLINDMAN RIVER ON A TOWNSHIP                      PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL                      AT OTTAWA ON 1893/06/27.                      15NEP                      PORTION(S) DESIGNATED AS BLINDMAN RIVER ON A TOWNSHIP                      PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL                      AT OTTAWA ON 1885/04/17.                      22; 24                      PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE                      NISKU FM</p>	(DRRZD 23)
--- NORTHERN REGION ---			
B0059	256	<p>5-06-040: 5                      PETROLEUM AND NATURAL GAS</p>	
B0060	256	<p>5-06-040: 6                      PETROLEUM AND NATURAL GAS</p>	
B0061	768	<p>6-02-062: 31-33                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE BLUESKY-BULLHEAD</p>	(SHA008201) (DRRZD 21)
B0062	448	<p>6-07-066: 1N,SW; 12                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE HALFWAY FM</p>	(DRRZD 246)
B0063	2304	<p>5-05-076: 9; 10; 14-17; 19-21                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE MANNVILLE GRP</p>	(DRRZD 4)
B0064	1792	<p>TRACT ONE</p> <p>5-05-076: 28-33                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE MANNVILLE GRP</p> <p>TRACT TWO</p> <p>5-06-076: 36                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE BLUESKY-BULLHEAD</p>	(DRRZD 4) (DRRZD 21)
B0065	2304	<p>5-06-076: 16-22; 26; 35                      PETROLEUM AND NATURAL GAS                      TO THE BASE OF THE BLUESKY-BULLHEAD</p>	(DRRZD 21)



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LICENCE	HECTARES	LAND DESCRIPTION	
B0076	2560		(ADM011601) (IRS000701) (IRS000704)
		4-09-098: 19-23; 26-30 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
----- --- Foothills Region --- -----			
B0077	256		(SHA008301)
		5-09-038: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
20	37,409.44	HA TOTALS	<b>END</b>

## ZONE DESIGNATIONS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

ZD: 2800-1                    ZONE: 2300 PADDY MBR  
INTERVAL: 3940.00 - 3975.00 FEET  
KEY WELL: 00/06-01-075-07W6/0  
LOG TYPE: INDUCTION ELECTROLOG

                              ZONE: 3050 BLUESKY-GETHING  
INTERVAL: 5310.00 - 5729.00 FEET  
KEY WELL: 00/06-01-075-07W6/0  
LOG TYPE: INDUCTION ELECTROLOG

                              ZONE: 3480 CADOMIN FM  
INTERVAL: 5729.00 - 5751.00 FEET  
KEY WELL: 00/06-01-075-07W6/0  
LOG TYPE: INDUCTION ELECTROLOG

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ZD: 3309-1                    ZONE: 2640 SPIRIT RIVER FM  
INTERVAL: 6986.00 - 8010.00 FEET  
KEY WELL: 00/07-05-067-07W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

                              ZONE: 4080 NIKANASSIN FM  
INTERVAL: 8478.00 - 8808.00 FEET  
KEY WELL: 00/07-05-067-07W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

                              ZONE: 5560 BELLOY FM  
INTERVAL: 10316.00 - 10404.00 FEET  
KEY WELL: 00/07-05-067-07W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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ZD: 3309-1-B                 ZONE: 3480 CADOMIN FM  
INTERVAL: 2827.00 - 2831.30 METRES  
KEY WELL: 00/11-13-066-08W6/0  
LOG TYPE: COMPENSATED DENSILOG COMPENSATED NEUTRON

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ZD: 3577                     ZONE: 6580 WABAMUN GRP  
INTERVAL: 3133.00 - 3358.00 METRES  
KEY WELL: 00/07-11-069-05W6/0  
LOG TYPE: DUAL INDUCTION SFL

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END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 AUGUST 03 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

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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: 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

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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

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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: 30                  ZONE: 6420    PEKISKO FM  
  
INTERVAL: 9232.00 - 9390.00 FEET  
KEY WELL: 00/07-13-033-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

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: 36                    ZONE: 5100 BOUNDARY MBR  
  
INTERVAL: 4347.00 - 4374.00 FEET  
KEY WELL: 00/16-02-084-13W6/0  
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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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: 41                    ZONE: 7975 GRANITE WASH  
  
INTERVAL: 4782.00 - 4904.00 FEET  
KEY WELL: 00/14-22-087-08W5/0  
LOG TYPE: ACOUSTILOG

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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: 53                    ZONE: 6460 BAKKEN FM  
  
INTERVAL: 2872.00 - 2945.00 FEET  
KEY WELL: 00/07-25-030-01W4/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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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

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DRRZD: 60                    ZONE: 4320 ROCK CREEK MBR  
  
INTERVAL: 2502.50 - 2531.50 METRES  
KEY WELL: 00/10-35-049-13W5/2  
LOG TYPE: DUAL LATEROLOG

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

DRRZD: 65                      ZONE: 7200 LEDUC FM  
  
INTERVAL: 3167.00 - 4322.00 FEET  
KEY WELL: 00/07-17-056-21W4/0  
LOG TYPE: FORMATION DENSITY

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DRRZD: 66                      ZONE: 4440 NORDEGG MBR  
  
INTERVAL: 5610.00 - 5670.00 FEET  
KEY WELL: 00/10-12-055-09W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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DRRZD: 70                      ZONE: 7975 GRANITE WASH  
  
INTERVAL: 7806.00 - 7837.00 FEET  
KEY WELL: 00/09-16-075-19W5/0  
LOG TYPE: ELECTRICAL

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DRRZD: 90                      ZONE: 4000 JURASSIC SYSTEM  
  
INTERVAL: 7052.00 - 7148.00 FEET  
KEY WELL: 00/06-29-039-03W5/0  
LOG TYPE: INDUCTION ELECTROLOG

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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: 255                     ZONE: 6440 BANFF FM  
  
INTERVAL: 2690.00 - 2892.00 METRES  
KEY WELL: 00/01-18-066-26W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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: 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

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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

**ADM011601          ATHABASCA OIL SANDS DESIGNATED AREA**

LICENCE B0069  
 LICENCE B0071  
 LICENCE B0072  
 LICENCE B0073  
 LICENCE B0074  
 LICENCE B0075  
 LICENCE B0076

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

**CHR000101          CLEARWATER - CHRISTINA RIVERS**

LAND DESCRIPTION  
 LICENCE B0069 4-06-088: 31S,NP  
 4-06-088: 32S,NP  
 4-06-088: 33S,NP  
 4-06-088: 34S,NP  
 4-06-089: 3SEP  
 4-07-088: 13SEP  
 4-07-088: 13NP,SW; 24SP  
 4-07-088: 24N; 25; 36P

ALL LAND(S) IS/ARE WITHIN THE CANADIAN HERITAGE RIVERS SYSTEM.

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  
 PROVINCIAL BUILDING FLOOR 2  
 9503 BEAVERHILL ROAD  
 PO BOX 1019  
 LAC LA BICHE AB T0A 2C0 (780) 644-5357





## ADDENDA AND CONTACTS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

**IRS000704 FORT MCMURRAY - ATHABASCA OIL SANDS**

LAND DESCRIPTION  
 LICENCE B0076 4-09-098: 22; 23SEP  
 4-09-098: 23N,SW; 26

ALL LAND(S) IS/ARE WITHIN THE FORT MCMURRAY-ATHABASCA OIL SANDS INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

STEVEN STRYDE  
 LAND USE SPECIALIST  
 FORT MCMURRAY OFFICE-LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
 RESOURCE DEV  
 PROVINCIAL BUILDING  
 9915 FRANKLIN AVE FLOOR 3  
 BOX 35  
 FORT MCMURRAY AB T9H 2K4 (780) 743-7120

**IRS000706 FORT MCMURRAY - ATHABASCA OIL SANDS**

LAND DESCRIPTION  
 LICENCE B0069 4-07-088: 13P; 24SWP; 25NP,SEP; 36P

ALL LAND(S) IS/ARE WITHIN THE FORT MCMURRAY-ATHABASCA OIL SANDS INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

STEVEN STRYDE  
 LAND USE SPECIALIST  
 FORT MCMURRAY OFFICE-LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
 RESOURCE DEV  
 PROVINCIAL BUILDING  
 9915 FRANKLIN AVE FLOOR 3  
 BOX 35  
 FORT MCMURRAY AB T9H 2K4 (780) 743-7120

**PDM001501 CAPITAL POWER GP HOLDINGS INC GENESEE MINE #1788**

LEASE A0024

ALL LAND(S) IS/ARE WITHIN A PERMIT TO DEVELOP A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT. PROSPECTIVE PURCHASERS ARE ADVISED THAT LAND USE PROBLEMS RELATING TO THE MINE OPERATIONS MAY ARISE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS BARCLAY  
 GENERAL MANAGER GENESEE MINE  
 3850625 CANADA INC.  
 205 9 AVE SE SUITE 1000  
 CALGARY AB T2G 0R4 (780) 848-2130

**PPR000701 GULL LAKE**

LAND DESCRIPTION  
 LEASE A0017 5-01-041: 14NP,SEP

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED PROVINCIAL RECREATION AREA.

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  
 PROVINCIAL BUILDING FLOOR 2  
 9503 BEAVERHILL ROAD  
 PO BOX 1019  
 LAC LA BICHE AB T0A 2C0 (780) 644-5357

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

**PPR006101 BIG MOUNTAIN CREEK PROPOSED EXPANSION AREA**

LAND DESCRIPTION  
LEASE A0040 6-05-068: 18SE

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE  
PLANNING AND LAND USE TECHNOLOGIST  
TOURISM, PARKS AND RECREATION  
PARKS AND PROTECTED AREAS  
PROVINCIAL BUILDING FLOOR 2  
9503 BEAVERHILL ROAD  
PO BOX 1019  
LAC LA BICHE AB T0A 2C0 (780) 644-5357

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**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**

LAND DESCRIPTION  
LEASE A0028  
LEASE A0029  
LEASE A0032  
LEASE A0033  
LEASE A0037 5-18-066: 14; 25-28; 34; 35S,NP  
LEASE A0040  
LEASE A0054  
LICENCE B0068 6-11-083: 18; 19S,NWP  
6-11-083: 19NE  
LICENCE B0069 4-06-088: 31S,NP  
4-06-088: 32S,NP  
4-06-088: 33S,NP  
4-06-088: 34S,NWP  
4-06-088: 34NE  
4-06-089: 3SP  
4-07-088: 13S,NW,NEP; 24SEP  
4-07-088: 24W,NEP  
4-07-088: 25; 36S,NP  
LICENCE B0075

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**SHA007001 SPECIAL ACCESS ZONE**

LAND DESCRIPTION  
LEASE A0035 5-18-065: 23NP,SEP; 26SEP  
5-18-065: 26SW  
LEASE A0037 5-18-066: 35NP  
LEASE A0055  
LEASE A0057  
LICENCE B0070

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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ADDENDA AND CONTACTS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

**SHA007201 PIPING PLOVER**

LAND DESCRIPTION  
LEASE A0017 5-01-041: 12P; 14NP,SEP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE**

LEASE A0028  
LEASE A0029

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE**

LAND DESCRIPTION  
LICENCE B0061 6-02-062: 31P

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**SHA008301 CLEARWATER GRIZZLY BEAR ZONE**

LICENCE B0077

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**SHA008401 CHINCHAGA GRIZZLY BEAR ZONE**

LICENCE B0070

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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ADDENDA AND CONTACTS APPLICABLE TO THE 2016 AUGUST 03 PUBLIC OFFERING NOTICE

**TSH003301 TRUMPETER SWAN HABITAT**

		LAND DESCRIPTION	
LEASE	A0030	5-20-054:	8SP
LEASE	A0035	5-18-065:	22SE,SWP
		5-18-065:	23N,SE; 26S
LEASE	A0036	5-18-065:	33SWP
LEASE	A0050	6-09-074:	10SEP
LEASE	A0056	6-09-076:	20SEP
		6-09-076:	20NP,SW

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. Specific area biologist contact information can be found at [www.esrd.alberta.ca](http://www.esrd.alberta.ca) and then searching for 'Wildlife Management Area Contacts'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**WPP004701 GIPSY-GORDON CONSERVATION AREA**

		LAND DESCRIPTION	
LICENCE	B0069	4-06-088:	34P
		4-07-088:	13P; 25P

ALL LAND(S) IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE  
PLANNING AND LAND USE TECHNOLOGIST  
TOURISM, PARKS AND RECREATION  
PARKS AND PROTECTED AREAS  
PROVINCIAL BUILDING FLOOR 2  
9503 BEAVERHILL ROAD  
PO BOX 1019  
LAC LA BICHE AB T0A 2C0 (780) 644-5357

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END