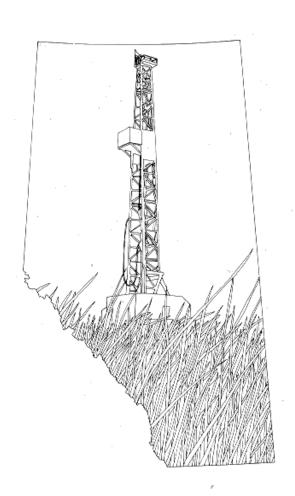
2020 FEBRUARY 05

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS





PUBLIC OFFERING CONTROL COUNTS FOR 2020.02.05

	From	To	Total	Area	
LEASES:	A0001	A0074	74	15,610.0000	ha.
LICENCES:	в0075	В0091	17	15,240.4000	ha.
			91	30,850.4000	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 2020 February 05.**

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 2020 February 05 in the afternoon on the Department'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.

LEASE	HECTARES	LAND DESCRIPTION			
PLAINS REGION					
A0001	128	4-14-005: 7W PETROLEUM AND NATURAL GAS			
A0002	43.6	4-16-015: 24SWP PORTION(S) LYING TO THE WEST OF THE LEFT BANK OF THE BOW RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1884/03/28. PETROLEUM AND NATURAL GAS			
A0003	64	4-14-019: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0004	256	4-08-020: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0005	192	4-08-020: 33N,L1,L4,L5,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0006	256	4-09-020: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0007	256	4-09-020: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0008	256				
TRACT	ONE	4-09-020: 15N,SW,L2,L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)		
TRACT	TWO	4-09-020: 15L1,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0009	256	4-09-020: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0010	256	4-08-021: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)		
A0011		4-18-025: 24P PORTION(S) DESIGNATED AS SA-OO LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1884/07/05. PETROLEUM AND NATURAL GAS			

LEASE	HECTARES	LAND DESCRIPTION	
A0012		4-18-025: 25SP,NEP PORTION(S) DESIGNATED AS SA-OO LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1884/07/05. PETROLEUM AND NATURAL GAS	
A0013	192		
TRACT	ONE	4-10-028: 7NE; 19NE PETROLEUM AND NATURAL GAS	
TRACT	TWO	4-10-028: 18SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0014	64	4-15-028: 15NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
 A0015	256		
		4-26-030: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0016		4-24-035: 32SE PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 6)
A0017	64	4-03-036: 5SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0018	192	4-04-036: 1NE; 12E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0019	64	4-25-036: 10NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
A0020		TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0021			(DRRZD 280) (DRRZD 4)
 A0022	256	4-25-036: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0023	64	4-25-036: 16SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE VIKING FM	(DRRZD 39) (DRRZD 6)

LEASE	HECTARES	LAND DESCRIPTION	
A0024	256	4-08-038: 20 PETROLEUM AND NATURAL GAS	
A0025	64		
TRACT	ONE	4-20-038: 29L7,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE WABAMUN GRP	(DRRZD 39) (DRRZD 277)
TRACT	TWO	4-20-038: 29L1,L2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0026	256	4-02-039: 24 PETROLEUM AND NATURAL GAS	
A0027	256	4-03-039: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0028	128	4-17-040: 36S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0029	256	5-01-040: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
A0030	88		(NAT015401) (SHA007201)
TRACT	ONE	4-01-041: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT	TWO	4-01-041: 33L1E,L5N,L8E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0031	192		(PRP008301) (SHA007201)
TRACT	ONE	4-01-041: 34SE,NW,L9N,L9SE,L10N,L10SW,L15N,L15SW, L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT	TWO	4-01-041: 34L9SW,L10SE,L15SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0032	64	4-01-042: 3SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0033	128	4-14-042: 16S PETROLEUM AND NATURAL GAS	
A0034		4-14-042: 20N PETROLEUM AND NATURAL GAS	

LEASE	HECTARES	LAND DESCRIPTION	
A0035	128		
		4-15-042: 12N PETROLEUM AND NATURAL GAS	
A0036	128	4-15-042: 24N PETROLEUM AND NATURAL GAS	
A0037	128	4-08-045: 4N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0038	256	4-04-046: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0039	256	4-24-046: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0040	64	4-26-049: 18SE PETROLEUM AND NATURAL GAS	
A0041	64	4-07-052: 26NE PETROLEUM AND NATURAL GAS	
A0042	247.2	4-27-056: 36N, SE, SWP PORTION(S) LYING OUTSIDE SURRENDERED INDIAN RESERVE NO 134. PETROLEUM AND NATURAL GAS	
A0043	128	4-21-063: 11s PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0044	128	4-21-063: 15S PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
		NORTHERN REGION	
A0045		5-07-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 3) (DRRZD 4)
A0046		5-12-045: 28	(IRZ004401) (SHA006701)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
A0047	256	5-09-046: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE TOP OF THE MANNVILLE GRP	(IRZ004401) (DRRZD 39) (DRRZD 4)

LEASE		LAND DESCRIPTION	
A0048	64		(IRZ003501) (PDR001001) (SHA006701)
		5-09-046: 14SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0049	384	5-16-047: 10; 16S PETROLEUM AND NATURAL GAS	(SHA007901)
		TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0050	256	5-16-047: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA007901) (DRRZD 39) (DRRZD 21)
A0051	256	5-19-053: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE BLUESKY-BULLHEAD	(TSH003501) (DRRZD 6) (DRRZD 21)
A0052	256	6-01-063: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0053	256	6-02-063: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(ESZ000301) (SHA006701) (SHA008201)
A0054	256	6-02-063: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0055	256	6-02-063: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(ESZ000301) (SHA006701) (SHA008201)
A0056	256	MONTNEY FM 6-02-063: 31	(DRRZD 264) (ESZ000301) (SHA006701) (SHA008201)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0057	256	6-02-063: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0058	256	6-02-063: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0059	256	6-03-063: 23	(ESZ000301) (SHA006701) (SHA008201)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

LEASE	HECTARES	LAND DESCRIPTION	
A0060	256	6-03-063: 24	(ESZ000301) (SHA006701) (SHA008201)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0061	256		(ESZ000301) (SHA006701) (SHA008201)
		6-03-063: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0062	256		(ESZ000301) (SHA006701) (SHA008201)
		6-03-063: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0063	256	5-16-064: 18	(SHA007001) (SHA008001)
 A0064	128	PETROLEUM AND NATURAL GAS	(SHA007001)
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0065	64	5-17-072: 11NW PETROLEUM AND NATURAL GAS	(SHA007001)
		TO THE BASE OF THE VIKING FM	(DRRZD 6)
99004	64	5-18-072: 24SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM EXCEPTING NATURAL GAS IN THE PEACE RIVER FM	(DRRZD 40) (ZD 2746)
A0067	2752		(NAT010701) (PNA022001)
TRACT	ONE	6-04-072: 26 PETROLEUM AND NATURAL GAS	
TRACT	TWO	6-04-072: 23S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACI	' THREE	6-04-072: 14; 20-22; 27-30 6-05-072: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
 A0068	256		(TSH003401) (TSH003501)
		6-10-072: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE TOP OF THE MONTNEY FM	(DRRZD 22) (DRRZD 264)
A0069	192	6-08-075: 35S,NE PETROLEUM AND NATURAL GAS	
		TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

LEASE	HECTARES	LAND DESCRIPTION	
A0070	64	5-11-076: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GILWOOD MBR	(DRRZD 10)
A0071	64	5-11-076: 12SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GILWOOD MBR	(DRRZD 10)
A0072	64	5-11-076: 12NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GILWOOD MBR	(DRRZD 10)
A0073	256	5-24-076: 31 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007001)
A0074	64	5-10-092: 18SW PETROLEUM AND NATURAL GAS	(ADM011501)
74	15,610.00	HA TOTALS	END

LICENCE HECTARES	LAND DESCRIPTION	
	NORTHERN REGION	
B0075 2688		
TRACT ONE	5-11-054: 10; 12; 13; 14W; 16; 17; 20; 22S,NE; 24 PETROLEUM AND NATURAL GAS	
TRACT TWO	5-11-054: 7SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE	5-11-053: 31N PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE NORDEGG MBR	(DRRZD 280) (DRRZD 66)
TRACT FOUR	5-11-054: 5S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT FIVE	5-11-053: 31S PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE NORDEGG MBR	(DRRZD 66)
B0076 512		(SHA007001)
TRACT ONE	5-12-053: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 60)
TRACT TWO	5-12-053: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
в0077 256	5-13-053: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA007001) (DRRZD 4)
B0078 448		
TRACT ONE	5-11-054: 6N; 8N,SE PETROLEUM AND NATURAL GAS	
TRACT TWO	5-11-054: 6S PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE NORDEGG MBR	(DRRZD 280) (DRRZD 66)
в0079 704	5-11-054: 21; 27N,SW; 35 PETROLEUM AND NATURAL GAS	
B0080 256	5-12-054: 5 PETROLEUM AND NATURAL GAS	

LICENCE SCHEDULE PETROLEUM AND NATURAL GAS LICENCES

LICENCE I	HECTARES	LAND DESCRIPTION	
B0081	2304		(ESZ000101) (SHA006701) (SHA008201)
TRACT	ONE	6-01-063: 1-3; 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT	TWO	6-01-063: 11; 14; 15; 22; 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE MONTNEY FM	(DRRZD 21) (DRRZD 264)
В0082	256	5-23-064: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
в0083	1280	5-25-067: 16-18; 21 5-26-067: 13	(ESZ000101) (SHA006701) (TSH003401) (TSH003501)
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
в0084	1280		(ESZ000101) (SHA006701) (TSH003401) (TSH003501)
		5-25-067: 16-18; 21 5-26-067: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
в0085	1928.4	5-26-068: 7; 17; 19; 31 5-27-068: 11EF; 12; 13; 25; 26EF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(SHA006701)
		TRIASSIC SYSTEM	(DRRZD 37)
B0086	256	6-08-071: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE HALFWAY FM	(DRRZD 22) (DRRZD 246)
в0087	256	6-08-071: 21 PETROLEUM AND NATURAL GAS	(TSH003401) (TSH003501)
		TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
В0088	256	6-08-071: 25	(TSH003401) (TSH003501)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE HALFWAY FM	(DRRZD 25) (DRRZD 246)

	LAND DESCRIPTION	
воову 1536		(TSH003401) (TSH003501)
TRACT ONE	6-13-073: 14W; 15N,SE PETROLEUM AND NATURAL GAS	
TRACT TWO	6-13-073: 15SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 40) (DRRZD 21)
TRACT THREE	6-13-073: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT FOUR	6-13-072: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
TRACT FIVE	6-13-073: 2; 3; 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
воооо 768		(TSH003401) (TSH003501)
TRACT ONE	6-09-076: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE DOE CREEK MBR EXCEPTING NATURAL GAS IN THE FALHER MBR EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 2992-A)
TRACT TWO	6-09-076: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE DOE CREEK MBR EXCEPTING NATURAL GAS IN THE PADDY-CADOTTE EXCEPTING NATURAL GAS IN THE FALHER MBR EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(DRRZD 21) (ZD 2992-A) (ZD 2992) (ZD 2992-A) (ZD 2992-A)
TRACT THREE	PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
 в0091 256	6-08-077: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(SHA007001)

ZONE DESIGNATIONS APPLICABLE TO THE 2020 FEBRUARY 05 PUBLIC OFFERING NOTICE

ZD: 2746 ZONE: 2280 PEACE RIVER FM

INTERVAL: 2636.00 - 2748.00 FEET KEY WELL: 00/06-24-072-18W5/0 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE: 3260 GETHING FM

INTERVAL: 3692.00 - 3924.00 FEET KEY WELL: 00/06-24-072-18W5/0 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 2992 ZONE: 2301 PADDY-CADOTTE

INTERVAL: 3881.00 - 4056.00 FEET KEY WELL: 00/07-21-076-09W6/0 LOG TYPE: DUAL INDUCTION FOCUSED

ZD: 2992-A ZONE: 1900 DOE CREEK MBR

INTERVAL: 2293.00 - 2338.00 FEET KEY WELL: 00/10-19-076-09W6/0 LOG TYPE: DUAL INDUCTION FOCUSED

ZONE: 2715 FALHER MBR

INTERVAL: 4737.00 - 4790.00 FEET KEY WELL: 00/10-19-076-09W6/0 LOG TYPE: DUAL INDUCTION FOCUSED

ZONE: 3050 BLUESKY-GETHING

INTERVAL: 5282.00 - 5420.00 FEET KEY WELL: 00/10-19-076-09W6/0 LOG TYPE: DUAL INDUCTION FOCUSED

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2020 FEBRUARY 05 PUBLIC OFFERING NOTICE

DRRZD:	3	ZONE:	1700 CARDIUM FM
		KEY WELL:	6303.00 - 6436.00 FEET 00/16-16-041-06W5/0 ELECTRICAL
DRRZD:	4	ZONE:	2480 MANNVILLE GRP
		KEY WELL:	2557.00 - 2985.00 FEET 00/06-16-041-08W4/0 INDUCTION ELECTRICAL
DRRZD:	5	ZONE:	7440 BEAVERHILL LAKE GRP
		KEY WELL:	8645.00 - 9118.00 FEET 00/10-22-068-11W5/0 INDUCTION ELECTRICAL
DRRZD:	6	ZONE:	2140 VIKING FM
		KEY WELL:	2600.00 - 2680.00 FEET 00/10-10-042-14W4/0 INDUCTION ELECTRICAL
DRRZD:	10	ZONE:	7655 GILWOOD MBR
		KEY WELL:	5693.00 - 5772.00 FEET 00/02-21-079-08W5/0 INDUCTION ELECTRIC
DRRZD:	13	ZONE:	1860 SECOND WHITE SPECKS
		KEY WELL:	1820.00 - 2030.00 FEET 00/10-17-014-09W4/0 INDUCTION ELECTRIC
DRRZD:	21	ZONE:	3052 BLUESKY-BULLHEAD
		KEY WELL:	2754.00 - 3043.00 FEET 00/10-32-081-01W6/0 DUAL INDUCTION SPHERICALLY FOCUSED
DRRZD:	22	ZONE:	2640 SPIRIT RIVER FM
		KEY WELL:	2004.00 - 3138.00 FEET 00/11-03-078-01W6/0 INDUCTION ELECTRIC
DRRZD:	23	ZONE:	6960 NISKU FM
		KEY WELL:	5023.00 - 5190.00 FEET 00/06-24-050-26W4/0 DUAL INDUCTION-LATEROLOG
DRRZD:	25	ZONE:	1900 DOE CREEK MBR
		KEY WELL:	2330.00 - 2393.00 FEET 00/07-04-075-10W6/0 DUAL INDUCTION-LATEROLOG
DRRZD:	29	ZONE:	6400 SHUNDA FM
		KEY WELL:	11048.00 - 11229.00 FEET 00/07-24-041-12W5/0 BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2020 FEBRUARY 05 PUBLIC OFFERING NOTICE

DRRZD: 37 ZONI	: 5000 TRIASSIC SYSTEM
	: 6948.00 - 7042.00 FEET
	u: 00/10-07-062-19W5/0
DRRZD: 39 ZONI	: 1260 BELLY RIVER GRP
	1: 1688.00 - 2453.00 FEET
	: 00/07-18-032-22W4/0 : INDUCTION ELECTRICAL
DDDED. 40	A. 2200 DEACE DIVED EM
DRRZD: 40 ZONI	: 2280 PEACE RIVER FM
	u: 3760.00 - 4008.00 FEET u: 00/07-09-076-08W6/0
	: BOREHOLE COMPENSATED SONIC
DRRZD: 60 ZONI	: 4320 ROCK CREEK MBR
	u: 2502.50 - 2531.50 METRES u: 00/10-35-049-13W5/2
	: DUAL LATEROLOG
DRRZD: 66 ZONI	2: 4440 NORDEGG MBR
INTERVA	.: 5610.00 - 5670.00 FEET
KEY WEL	: 00/10-12-055-09W5/0
LOG TYPI	: COMPENSATED NEUTRON-FORMATION DENSITY
DRRZD: 246 ZONI	: 5160 HALFWAY FM
	: 6344.00 - 6402.00 FEET
	u: 00/11-18-077-08W6/0
DRRZD: 247 ZONI	: 5080 CHARLIE LAKE FM
	u: 2372.00 - 2448.50 METRES u: 00/10-19-068-06W6/0
	C: DUAL INDUCTION SFL
DRRZD: 264 ZONI	: 5240 MONTNEY FM
INTERVA	: 2229.00 - 2491.50 METRES
KEY WELI	u: 00/06-32-076-11W6/0
LOG TYPI	BOREHOLE COMPENSATED SONIC
DRRZD: 277 ZONI	: 6580 WABAMUN GRP
	: 10452.00 - 11198.00 FEET
	: 00/03-10-063-26W5/0 : BOREHOLE COMPENSATED SONIC
DRRZD: 280 ZONI	E: 1060 EDMONTON GRP
	u: 335.00 - 962.00 METRES u: 00/06-24-044-04W5/0
	C: COMPENSATED NEUTRON-LITHO DENSITY
DRRZD: 284 ZONI	7635 ELK POINT GRP
Thimebuth	: 783.00 - 1370.00 METRES
	1. 783.00 - 1370.00 MEIRES 1: 02/06-13-063-08W4/0
LOG TYPI	C: COMPENSATED NEUTRON-LITHO DENSITY
	END

PEACE RIVER OIL SANDS DESIGNATED AREA #2 ADM011501

LEASE A0074

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

ESZ000101 EASTERN SLOPES POLICY ZONE 2

LAND DESCRIPTION

LICENCE B0081 6-01-063: 10P; 11P; 14P; 15; 22P LICENCE B0083 5-25-067: 21P

LICENCE B0084 5-25-067: 21P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER

GRANDE PRAIRIE OFFICE

GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE

RESOURCE DEV

10320 99 ST

GRANDE PRAIRIE AB T8V 6J4

(780) 538-5260

ESZ000301 EASTERN SLOPES POLICY ZONE 4

LAND DESCRIPTION LEASE A0053 6-02-063: 19NWP LEASE A0055 6-02-063: 30SP,NW,NEP LEASE A0056 6-02-063: 31N,SEP,SW LEASE A0059 6-03-063: 23N, SEP, SW LEASE A0060 6-03-063: 24NP,SWP LEASE A0061 LEASE A0062 6-03-063: 26S,NWP,NE

ALL LAND(S) IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER

GRANDE PRAIRIE OFFICE

GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE

RESOURCE DEV

10320 99 ST

GRANDE PRAIRIE AB T8V 6J4

(780) 538-5260

ADDENDA AND CONTACTS APPLICABLE TO THE 2020 FEBRUARY 05 PUBLIC OFFERING NOTICE

IRZ003501 ROCKY-NORTH SASKATCHEWAN ZONE 2

LAND DESCRIPTION

LEASE A0048 5-09-046: 14SEP

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER

ROCKY MOUNTAIN HOUSE OFFICE

ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF

SUSTAINABLE RESOURCE DEV

COURIER BOX 21

PO BOX 1720

ROCKY MOUNTAIN HOUSE AB T4T 1B3

(403) 845-8272

IRZ004401 BRAZEAU-PEMBINA ZONE 2

LAND DESCRIPTION

LEASE A0046 5-12-045: 28P LEASE A0047 5-09-046: 8P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER

DRAYTON VALLEY OFFICE

DRAYTON VALLEY OFFICE-LAND USE AREA -LANDS DIVISION DEPT. OF SUSTAINABLE

RESOURCE DEV

6521 50 AVE

PO BOX 6090

DRAYTON VALLEY AB T7A 1R6 (780) 542-6616

NAT010701 KLESKUN HILL

LAND DESCRIPTION

LEASE A0067 6-04-072: 26SWP

ALL LAND(S) IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE

PLANNING AND LAND USE TECHNOLOGIST

TOURISM, PARKS AND RECREATION $% \left(1\right) =\left(1\right) \left(1\right) \left($

PARKS AND PROTECTED AREAS DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6 (780) 644-5357

NAT015401 KILLARNEY - REFLEX LAKES

LAND DESCRIPTION

LEASE A0030 4-01-041: 33NEP

ALL LAND(S) IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6 (780) 644-5357

PDR001001 BRAZEAU POWER DEVELOPMENT-BRAZEAU FORKS

LEASE A0048

ALL LAND(S) IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

LAND MANAGMENT TECHNOLOGIST

TECHNOLOGIST

ENVIRONMENT AND WATER, DEPARTMENT OF

SOUTHERN REGION

OPERATIONS

200 5 AVE S FLOOR 2

LETHBRIDGE AB T1J 4L1

(403) 381-5322

PNA022001 PROPOSED NATURAL AREA

LAND DESCRIPTION

LEASE A0067 6-04-072: 14NWP; 21; 22; 23SW,NE; 26SEP; 27S; 28S

ALL LAND(S) IS/ARE WITHIN A PROPOSED NATURAL 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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6

(780) 644-5357

PRP008301 DILLBERRY LAKE

LAND DESCRIPTION

LEASE A0031 4-01-041: 34SE

ALL LAND(S) IS/ARE WITHIN A 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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6

(780) 644-5357

SHA006701

KEY WILDLIFE AND BIODIVERSITY ZONES

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LAND DESCRIPTION
   LEASE A0045 5-07-038: 26NEP
   LEASE A0046 5-12-045: 28SP
LEASE A0048 5-09-046: 14SEP
   LEASE A0053 6-02-063: 19SP, NW, NEP
          A0055 6-02-063: 30EP,W
A0056 6-02-063: 31N,SEP,SW
   LEASE
   LEASE
          A0059
   LEASE
   LEASE
           A0060
   LEASE
           A0061
   LEASE A0062
   LEASE A0073 5-24-076: 31S,NP
   LICENCE B0081
                   6-01-063: 2NP, SWP; 3SP, N; 10; 11N, SEP, SW; 14; 15; 22S, NWP, NE;
                               27SP
   LICENCE B0083 5-25-067: 16N,SE,SWP; 17NP,SEP; 21
LICENCE B0084 5-25-067: 16N,SE,SWP; 17NP,SEP; 21
LICENCE B0085 5-26-068: 31SP,N
                   5-27-068: 11NEP; 13WP; 25N, SEP, SW; 26E
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
SHA007001 SPECIAL ACCESS ZONE
                   LAND DESCRIPTION
   LEASE A0063
   LEASE A0064
   LEASE
           A0065
   LEASE A0073 5-24-076: 31NP
   LICENCE B0076 5-12-053: 18SP, NWP
   LICENCE B0077 5-13-053: 28SWP
LICENCE B0091 6-08-077: 31N,SE,SWP
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
                PIPING PLOVER
SHA007201
                   LAND DESCRIPTION
   LEASE A0030 4-01-041: 33NEP, L1EP, L8EP
LEASE A0031 4-01-041: 34SEP, NWP, L9WP, L10SEP
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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SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

LEASE A0049 LEASE A0050

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

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

LEASE A0063

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

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE

LAND DESCRIPTION

LEASE A0053 6-02-063: 19P

LEASE A0055

LEASE A0056

LEASE A0059

LEASE A0060

LEASE A0061

LEASE A0062

LICENCE B0081

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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TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION

LEASE A0068 6-10-072: 36P

LICENCE B0083 5-25-067: 17P; 18P LICENCE B0084 5-25-067: 17P; 18P

LICENCE B0004 5-25-007: 17F,

LICENCE B0087 0-08-071: 21F

LICENCE B0089 6-13-073: 3P

LICENCE B0090 6-09-076: 19P; 20P

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

APPENDIX 3 PAGE 6

ADDENDA AND CONTACTS APPLICABLE TO THE 2020 FEBRUARY 05 PUBLIC OFFERING NOTICE

TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER

LAND DESCRIPTION
LEASE A0051 5-19-053: 22P
LEASE A0068 6-10-072: 36P
LICENCE B0083 5-25-067: 17P; 18P
LICENCE B0084 5-25-067: 17P; 18P
LICENCE B0087 6-08-071: 21P
LICENCE B0088 6-08-071: 25P
LICENCE B0089 6-13-073: 3P
LICENCE B0090 6-09-076: 19P; 20P

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 - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9920 108 ST NW FLOOR 2

EDMONTON AB T5K 2M4 (780) 422-3344

END