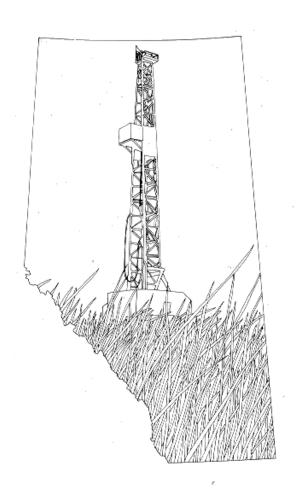
# 2015 AUGUST 19

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS





PUBLIC OFFERING CONTROL COUNTS FOR 2015.08.19

	From	То	Total	Area
LEASES:	A0258	A0311	54	16,525.9200 ha.
LICENCES:	В0312	в0333	22	24,896.0000 ha.
			76	41,421.9200 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 2015 August 19.** 

#### 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 2015 June 24 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.

2015 June 24 EDMONTON, Alberta

LEASE	HECTARES	LAND DESCRIPTION				
PLAINS REGION						
A0258	256	4-22-001: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)			
A0259	256	4-15-002: 20 PETROLEUM AND NATURAL GAS				
A0260	128	4-15-002: 31E PETROLEUM AND NATURAL GAS				
A0261	768	4-09-017: 20-22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(CFB001001) (CFB001002) (DRRZD 13)			
A0262	256	4-10-018: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)			
A0263	256	4-09-020: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(DRRZD 13)			
A0264		4-25-023: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE BASAL BELLY RIVER SD	(DRRZD 280) (DRRZD 39) (ZD 2368)			
A0265						
TRACT	ONE	4-15-029: 17SE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 48)			
TRACT	TWO	4-15-029: 17N,L3,L5,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)			
A0266	256	4-15-029: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)			
A0267	256	4-11-031: 19 PETROLEUM AND NATURAL GAS				
A0268	256	4-11-031: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 39) (DRRZD 11)			
A0269	256	4-26-031: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 280) (DRRZD 39)			

		LAND DESCRIPTION	
A0270	101.2	4-26-031: 25P PORTION(S) DESIGNATED AS LAKE NO. 2 ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1889/05/06. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 280) (DRRZD 39)
A0271	256	4-13-032: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(DRRZD 13)
A0272	512		
TRACI	ONE	4-16-032: 31S,NE PETROLEUM AND NATURAL GAS	
TRACI	TWO	4-16-032: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT	THREE	4-16-032: 31NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0273	49.52	4-23-035: 35NEP PORTION(S) DESIGNATED AS HUMMOCK LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1894/02/17. PETROLEUM AND NATURAL GAS TO THE BASE OF THE NISKU FM	(DRRZD 23)
A0274		4-04-036: 3 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	
A0275	256	4-04-036: 5 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	
A0276		4-04-036: 9 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	
A0277		4-04-036: 10 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0278	256	4-23-037: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0279	64	4-01-039: 4SE PETROLEUM AND NATURAL GAS	(DRRZD 4)
A0280		4-02-039: 11N,L5 PETROLEUM AND NATURAL GAS	
A0281		4-02-039: 12N PETROLEUM AND NATURAL GAS	

LEASE	HECTARES	LAND DESCRIPTION	
A0282	64	4-13-041: 22NE PETROLEUM AND NATURAL GAS	
A0283	64	4-16-044: 2SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0284	76.64	4-28-044: 16EF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	74.56	4-28-044: 28EF PETROLEUM AND NATURAL GAS	
A0286	64	4-08-047: 14NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0287	16	4-20-048: 4L10 PETROLEUM AND NATURAL GAS	
A0288	64	4-20-048: 18NE PETROLEUM AND NATURAL GAS	
A0289	16	4-25-049: 20L11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM	(DRRZD 4) (DRRZD 23)
A0290	64	4-26-049: 14NW PETROLEUM AND NATURAL GAS	
		NORTHERN REGION	
A0291	64	5-07-042: 34SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0292	256	5-20-051: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE CARDIUM FM EXCEPTING NATURAL GAS IN THE VIKING FM	(IR4000801) (PRA013601) (DRRZD 22) (ZD 3527-1-B) (ZD 3527-1)
A0293	256	5-19-052: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 6) (DRRZD 22)
A0294	64	5-17-053: 35NW PETROLEUM AND NATURAL GAS	
A0295	256	5-19-055: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

LEASE	HECTARES	LAND DESCRIPTION	
A0296	256	5-27-062: 34 PETROLEUM AND NATURAL GAS	(SHA006501)
A0297	448		
TRACT	ONE	6-07-067: 4SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE CADOMIN FM	(DRRZD 21) (ZD 3309-1) (ZD 3309-1-B)
TRACT	TWO	6-07-066: 32E PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE SPIRIT RIVER FM	(DRRZD 22) (ZD 3309-1)
TRACT	THREE	6-07-066: 33W PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT	FOUR	6-07-066: 28W PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0298	256	6-09-067: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(SHA006701)
		BLUESKY-BULLHEAD	(DRRZD 21)
A0299	512	6-03-068: 17;18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
A0300	 256		(SHA006701)
		6-05-068: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
A0301	256	6-05-068: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM TO THE BASE OF THE CHARLIE LAKE FM	(SHA006701) (DRRZD 40) (DRRZD 247)
A0302	256	6-05-068: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE MONTNEY FM	(SHA006701) (DRRZD 247) (DRRZD 264)
A0303	256	6-05-068: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(SHA006701) (DRRZD 264) (ZD 3577)
A0304		6-07-068: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0305		6-09-068: 28;33S  PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(TSH003301) (DRRZD 22)
A0306	256	6-07-069: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

LEASE	HECTARES	LAND DESCRIPTION	
A0307	128	6-06-072: 30N PETROLEUM AND NATURAL GAS	(TSH003301)
A0308	256	6-07-072: 1 PETROLEUM AND NATURAL GAS	(TSH003301)
A0309	192	6-08-072: 19S,NE PETROLEUM AND NATURAL GAS	
A0310	2304	5-11-090: 21-23;27;28;33-36 PETROLEUM AND NATURAL GAS	(ADM011501)
A0311	3072	5-11-091: 2-5;8-11;14-17 PETROLEUM AND NATURAL GAS	(ADM011501)
54	16,525.92	HA TOTALS	END

LICENCE H			
		PLAINS REGION	
в0312	2304		
TRACT	ONE	4-23-001: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 160)
TRACT	TWO	4-23-001: 1;12-14 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE WABAMUN GRP	(DRRZD 277)
TRACT		4-23-001: 2;4;9;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
в0313	3328		
TRACT	ONE	4-23-001: 16;17;20;21;29-32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 160)
TRACT	TWO	4-23-001: 5-7;18;19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
В0314	2048		
TRACT	ONE	4-23-001: 28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 160)
TRACT		4-23-001: 22;23;27;34-36 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE WABAMUN GRP	(DRRZD 277)
		NORTHERN REGION	
B0315	512		(SHA006501)
		5-10-041: 10	(81111000301)
TIVACT	ONE	PETROLEUM AND NATURAL GAS TO THE TOP OF THE CARDIUM FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	(DRRZD 3)
		SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4) (ZD 318-A)
TRACT	TWO	5-10-041: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(DRRZD 3) (DRRZD 4) (ZD 318-A)
в0316	512	5-11-042: 26;36	(SHA006501)
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)

## LICENCE SCHEDULE PETROLEUM AND NATURAL GAS LICENCES

LICENCE F	HECTARES	LAND DESCRIPTION	
в0317	1536		(IR2000201) (IR2000601) (SHA006501) (SHA006701)
TRACT	ONE	5-13-044: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT	TWO	5-13-043: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 4) (DRRZD 60)
TRACT	THREE	5-14-044: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 21) (DRRZD 60)
TRACT	FOUR	5-13-044: 8 5-14-044: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT	FIVE	5-14-043: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 39) (DRRZD 21) (DRRZD 60)
в0318	1280	5-14-043: 1;2;12;13;24 PETROLEUM AND NATURAL GAS	(SHA006501) (SHA006701)
		TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
в0319	768		(SHA006501) (SHA006701) (TSH003301)
TRACT	ONE	5-15-048: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT	TWO	5-15-048: 6;7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
в0320	768		(ES2000101) (IR2000601) (SHA006501) (SHA006701)
TRACT	ONE	5-15-048: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT	TWO	5-15-048: 18;19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)

LICENCE 1	HECTARES	LAND DESCRIPTION	
B0321	2816		(SHA006501) (SHA006701) (SHA007001)
TRACT	ONE	5-16-065: 20;26-32 5-16-066: 6 PETROLEUM AND NATURAL GAS	
TRACT	TWO	5-16-065: 21;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
в0322	256	5-20-065: 29	(SHA006701) (TSH003301)
		PETROLEUM AND NATURAL GAS	
в0323	512		(SHA007001)
TRACT	ONE	6-08-078: 3S,NW PETROLEUM AND NATURAL GAS	
TRACT	TWO	6-08-078: 3NE;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
В0324	832		(ADM011501) (CRG001501)
TRACT	ONE	5-08-089: 20N,SE;28W;29 PETROLEUM AND NATURAL GAS	
TRACT	TWO	5-08-089: 32N,SE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR	(ZD 2838)
TRACT	THREE	5-08-089: 32SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
в0325	1536		(CRG001701) (SHA006501)
		6-09-089: 17-20 6-10-089: 13;24 PETROLEUM AND NATURAL GAS	
		FOOTHILLS REGION	
В0326	768		(PRA009001) (SHA006501) (SHA006701)
		5-11-041: 5-7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
в0327	1024	5-14-042: 1;2;9;10	(IR2000201) (SHA006501) (SHA006701)
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
в0328	1280	5-14-042: 27-29;32;34	(FRP000201) (SHA006501)
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)

## LICENCE SCHEDULE PETROLEUM AND NATURAL GAS LICENCES

	E HECTARES	LAND DESCRIPTION	
в0329	768	5-20-047: 8-10 PETROLEUM AND NATURAL GAS	(CML002401) (PDM000901) (SHA006501)
воззо	768	6-06-057: 36 6-06-058: 1;2 PETROLEUM AND NATURAL GAS	(SHA006501)
в0331	768	6-06-058: 3;9;10 PETROLEUM AND NATURAL GAS	(SHA006501)
в0332	256	6-06-058: 26 PETROLEUM AND NATURAL GAS	(SHA006501)
в0333	256	6-06-060: 15 PETROLEUM AND NATURAL GAS	(SHA006501) (SHA006701)
22	24,896.00	HA TOTALS	END

#### ZONE DESIGNATIONS APPLICABLE TO THE 2015 AUGUST 19 PUBLIC OFFERING NOTICE

ZD: 318-A ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 9450.00 - 9632.00 FEET KEY WELL: 00/09-11-041-10W5/0 LOG TYPE: INDUCTION ELECTRIC

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ZD: 1039-1 ZONE: 2140 VIKING FM

INTERVAL: 2189.00 - 2203.00 FEET KEY WELL: 00/10-34-036-04W4/0

LOG TYPE: ELECTRICAL

ZONE: 2460 UPPER BLAIRMORE

INTERVAL: 2338.00 - 2360.00 FEET KEY WELL: 00/10-34-036-04W4/0

LOG TYPE: ELECTRICAL

ZD: 2368 ZONE: 1340 BASAL BELLY RIVER SD

INTERVAL: 2940.00 - 3025.00 FEET KEY WELL: 00/10-15-024-25W4/0 LOG TYPE: INDUCTION ELECTRIC

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ZD: 2838 ZONE: 3060 WABISKAW MBR

INTERVAL: 1151.00 - 1200.00 FEET KEY WELL: 00/10-32-089-08W5/0

LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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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

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

ZD: 3527-1-B ZONE: 1700 CARDIUM FM

INTERVAL: 2120.00 - 2170.00 METRES KEY WELL: 00/05-16-052-19W5/0 LOG TYPE: DUAL INDUCTION-LATEROLOG

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#### APPENDIX 1 PAGE 2

#### ZONE DESIGNATIONS APPLICABLE TO THE 2015 AUGUST 19 PUBLIC OFFERING NOTICE

ZD: 3527-1 ZONE: 4440 NORDEGG MBR

INTERVAL: 3177.00 - 3217.00 METRES KEY WELL: 00/07-18-051-19W5/0 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE: 6380 ELKTON MBR

INTERVAL: 2992.00 - 3018.00 METRES KEY WELL: 00/15-28-052-19W5/0

LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZONE: 3050 BLUESKY-GETHING

INTERVAL: 9780.00 - 10150.00 FEET
KEY WELL: 00/05-35-051-20W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

ZONE: 2140 VIKING FM

INTERVAL: 8806.00 - 8899.00 FEET KEY WELL: 00/09-13-052-20W5/0 LOG TYPE: DUAL INDUCTION-LATEROLOG

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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 2015 AUGUST 19 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:	6	ZONE:	2140 VIKING FM
		KEY WELL:	2600.00 - 2680.00 FEET 00/10-10-042-14W4/0 INDUCTION ELECTRICAL
DRRZD:	8	ZONE:	2130 BOW ISLAND SD
		KEY WELL:	2140.00 - 2472.00 FEET 00/11-31-011-10W4/0 INDUCTION ELECTRICAL
DRRZD:	9	ZONE:	6440 BANFF FM
		KEY WELL:	4513.00 - 4971.00 FEET 00/07-03-031-20W4/0 GAMMA RAY-SONIC
DRRZD:	11	ZONE:	1580 MILK RIVER FM
		KEY WELL:	677.00 - 972.00 FEET 00/15-02-014-05W4/0 ELECTRICAL
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:	38	ZONE:	1920 DUNVEGAN FM
		KEY WELL:	2566.00 - 3038.00 FEET 00/11-04-074-05W6/0 DUAL INDUCTION-LATEROLOG

## DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

## APPLICABLE TO THE 2015 AUGUST 19 PUBLIC OFFERING NOTICE

DRRZD: 39	ZONE:	1260 BELLY RIVER GRP	
	TNTERVAL.	1688.00 - 2453.00 FEET	
	KEY WELL:	00/07-18-032-22W4/0	
	LOG TYPE:	INDUCTION ELECTRICAL	
DRRZD: 40	ZONE:	2280 PEACE RIVER FM	
	INTERVAL:	3760.00 - 4008.00 FEET	
		00/07-09-076-08W6/0	
	LOG TYPE:	BOREHOLE COMPENSATED SONIC	
DRRZD: 48	ZONE:	2420 BASAL COLORADO SD	
	INTERVAL:	3004.00 - 3024.00 FEET	
		00/06-27-025-12W4/0 INDUCTION ELECTRICAL	
	LOG TIPE:	INDUCTION ELECTRICAL	
DRRZD: 60	ZONE:	4320 ROCK CREEK MBR	
		2502.50 - 2531.50 METRES	
		00/10-35-049-13W5/2 DUAL LATEROLOG	
DRRZD: 160	ZONE:	6440 BANFF FM	
		2863.00 - 2989.00 METRES	
		00/14-28-002-25W4/0 BOREHOLE COMPENSATED SONIC	
DRRZD: 247	ZONE:	5080 CHARLIE LAKE FM	
		2372.00 - 2448.50 METRES 00/10-19-068-06W6/0	
		DUAL INDUCTION SFL	
DRRZD: 264	ZONE •	5240 MONTNEY FM	
DINIAD. 204			
		2229.00 - 2491.50 METRES 00/06-32-076-11W6/0	
		BOREHOLE COMPENSATED SONIC	
DRRZD: 276	ZONE:	4140 FERNIE GRP	
		2048.00 - 2151.00 METRES	
		00/13-01-074-11W6/0	
	LOG TYPE:	BOREHOLE COMPENSATED SONIC	
DRRZD: 277	ZONE:	6580 WABAMUN GRP	
	INTERVAL:	10452.00 - 11198.00 FEET	
		00/03-10-063-26W5/0	
	LOG TYPE:	BOREHOLE COMPENSATED SONIC	
DRRZD: 280	ZONE:	1060 EDMONTON GRP	
	INTERVAL:	335.00 - 962.00 METRES	
		00/06-24-044-04W5/0 COMPENSATED NEUTRON-LITHO DENSITY	
	TOG TIPE:	CONTENSATED NEGITON-BILLO DENSILI	
DRRZD: 287	ZONE:	7285 DUVERNAY-MAJEAU LAKE FM	
		3274.00 - 3334.00 METRES	
		00/03-32-063-22W5/0 COMPENSATED NEUTRON LITHOLOGY DENSITY	
			END

ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2

LEASE A0310 LEASE A0311 LICENCE B0324

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:

DAVID WHEELER

MANAGER

ALBERTA DEPARTMENT OF ENERGY

9945 108 ST

EDMONTON AB T5K 2G6

(780) 644-3619

CFB001001 SUFFIELD

LAND DESCRIPTION

LEASE A0261 4-09-017: 22

ALL LAND(S) IS/ARE WITHIN CANADIAN FORCES BASE SUFFIELD. FOR INFORMATION CONCERNING SURFACE ACCESS PLEASE REFER TO ALBERTA ENERGY INFORMATION BULLETIN 99-6 AND INFORMATION LETTER 99-36.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

BOB BARON

SUPERVISOR, RANGE SAFETY

SUFFIELD INDUSTRY RANGE CONTROL LTD.

500 CENTRE ST SE

PO BOX 766

CALGARY AB T2P 0M5

(403) 544-4485

## CFB001002 SUFFIELD

LAND DESCRIPTION

LEASE A0261 4-09-017: 22

ALL LAND(S) IS/ARE WITHIN CANADIAN FORCES BASE SUFFIELD. ALL OIL AND GAS EXPLORATION AND DEVELOPMENT ACTIVITIES WITHIN THE SUFFIELD MILITARY BASE CAN ONLY BE CONDUCTED FOLLOWING JOINT EXECUTION OF A SURFACE ACCESS AGREEMENT BY THE ALBERTA DEPARTMENT OF ENERGY, SUFFIELD INDUSTRY RANGE CONTROL LTD. (RANGE SAFETY) AND THE LESSEE HOLDING THE P & NG RIGHTS AND WITH PRIOR APPROVAL OF RANGE SAFETY.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVID WHEELER

MANAGER

ALBERTA DEPARTMENT OF ENERGY

9945 108 ST

EDMONTON AB T5K 2G6

(780) 644-3619

CML002401 COAL VALLEY RESOURCES INC COAL VALLEY MINE #1778

LAND DESCRIPTION

LICENCE B0329 5-20-047: 9NE,L14;10SE,NW,L3,L5,L6,L9,L10

PAGE 2

#### ADDENDA AND CONTACTS APPLICABLE TO THE 2015 AUGUST 19 PUBLIC OFFERING NOTICE

ALL LAND(S) IS/ARE WITHIN A LICENCE TO OPERATE A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRENDA MASON

MANAGER, LAND ADMINISTRATION

COAL VALLEY RESOURCES INC.

10123 99 ST NW SUITE 1100

EDMONTON AB T5J 3H1 (780) 420-4092

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#### CRG001501 RED EARTH

LICENCE B0324

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. Specific area biologist contact information can be found at 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 STEPNISKY

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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# CRG001701 CHINCHAGA

LICENCE B0325

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. Specific area biologist contact information can be found at 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 STEPNISKY

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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## ES2000101 EASTERN SLOPES POLICY

LAND DESCRIPTION

LICENCE B0320 5-15-048: 19NP, SWP; 20P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HOBSON

WILDLIFE BIOLOGIST

EDSON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

111 54 ST SUITE 203

EDSON AB T7E 1T2 (780) 723-8518

#### FRP000201 NORDEGG DOUGLAS FIR PLANTATION

LAND DESCRIPTION

LICENCE B0328 5-14-042: 34L4-L6,L11,L12

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

FOR FURTHER INFORMATION, PLEASE CONTACT:

DON LIVINGSTON

LAND MANAGEMENT/PLANNING FORESTER

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) 845-8250

#### IR2000201 ROCKY-NORTH SASKATCHEWAN

LAND DESCRIPTION

LICENCE B0317 5-14-043: 36L1P LICENCE B0327 5-14-042: 1SP;2P;9P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS

SENIOR WILDLIFE BIOLOGIST

ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE

RESOURCE DEV

PO BOX 1720

ROCKY MOUNTAIN HOUSE AB T4T 1B3

(403) 845-8235

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#### BRAZEAU-PEMBINA

LAND DESCRIPTION

LICENCE B0317 5-14-044: 10SWP LICENCE B0320 5-15-048: 18NWP;19P;20P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE BRAZEAU-PEMBINA INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS

SENIOR WILDLIFE BIOLOGIST

ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE

RESOURCE DEV

PO BOX 1720

ROCKY MOUNTAIN HOUSE AB T4T 1B3

(403) 845-8235

### IR4000801 COAL BRANCH

LEASE A0292

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SHARAD KARMACHARYA

LAND MANAGEMENT PLANNER

HINTON OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE

RESOURCE DEV

131 CIVIC CENTRE RD FLOOR 3

(780) 865-8267 HINTON AB T7V 2E6

PDM000901 COAL VALLEY RESOURCES INC COAL VALLEY MINE #1778

9N, SE; 10

LAND DESCRIPTION LICENCE B0329 5-20-047:

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.

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRENDA MASON

MANAGER, LAND ADMINISTRATION

COAL VALLEY RESOURCES INC.

10123 99 ST NW SUITE 1100

EDMONTON AB T5J 3H1 (780) 420-4092

#### JACKFISH LAKE PRA009001

LAND DESCRIPTION

LICENCE B0326 5-11-041: 5L5, L12; 6SP, N

ALL LAND(S) IS/ARE WITHIN A 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 TOA 2CO

(780) 644-5357

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## PRA013601 FICKLE LAKE

LAND DESCRIPTION

LEASE A0292 5-20-051: 36NE,L7,L8

ALL LAND(S) IS/ARE WITHIN A 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

(780) 644-5357 LAC LA BICHE AB TOA 2CO

## SHA006501 GRIZZLY BEAR ZONE

LAND DESCRIPTION

LEASE A0296 LICENCE B0315

LICENCE B0316 5-11-042: 26S,NP LICENCE B0317 5-13-043: 32

5-13-044: 9SP

5-14-043: 36

5-14-044: 2S,NP

LICENCE B0318

LICENCE B0319

LICENCE B0320

LICENCE B0321 5-16-065: 20-22;26-32

5-16-066: 6S,NP

LICENCE B0325

LICENCE B0326

LICENCE B0327 LICENCE B0328

LICENCE B0329

LICENCE B0330

LICENCE B0331

LICENCE B0332

LICENCE B0333

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

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNISKY

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

KEY WILDLIFE AND BIODIVERSITY ZONES SHA006701 LAND DESCRIPTION A0298 A0298 6-09-067: 27SP,NW,NEP A0300 6-05-068: 29SEP LEASE LEASE LEASE A0301 6-05-068: 29SEP 29SEP LEASE A0302 6-05-068: LEASE A0303 6-05-068: 29SEP LICENCE B0317 5-13-043: 32SP, NEP

5-13-044: 9SEP 5-14-043: 36SEP 24NP LICENCE B0318 5-14-043: LICENCE B0319 5-15-048: 8NP

LICENCE B0320 5-15-048: LICENCE B0321 5-16-065: 18WP;19P;20P

21NP, SEP; 22N, SE, SWP; 26; 27; 28N, SE, SWP; 29SP, NWP, NE;

30NEP; 31SP, N; 32

5-16-066: 6

LICENCE B0322 5-20-065: 29SP, NWP, NE LICENCE B0326 5-11-041: 5NP, SEP, SW; 6; 7SP 1SP; 2SP, NWP; 9NP, SWP LICENCE B0327 5-14-042: LICENCE B0333 6-06-060: 15NP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNISKY

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

#### SPECIAL ACCESS ZONE SHA007001

LAND DESCRIPTION

LICENCE B0321 5-16-065: 20;21NP, SEP, SW;22SWP;28SWP;29SP, NWP;30S, NW, NEP;

31SP

LICENCE B0323 6-08-078: 3SP, NWP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNISKY

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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#### TSH003301 TRUMPETER SWAN HABITAT

LAND DESCRIPTION

LEASE A0305 6-09-068: 33SEP LEASE A0307 6-06-072: 30NWP LEASE A0308 6-07-072: 1P LICENCE B0319 5-15-048: 6NB

6NP, SEP, SW; 7SP

LICENCE B0322 5-20-065: 29SEP

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

## APPENDIX 3 PAGE 6

#### ADDENDA AND CONTACTS APPLICABLE TO THE 2015 AUGUST 19 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNISKY

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

END