November 16, 2012

Alberta Environment and Sustainable Resource Development
11th floor Petroleum Plaza ST
9915 – 108 Street
Edmonton, Alberta T5K 2G8

Attention: Mr. Glenn Selland
Commissioner, Land Use Secretariat
Integrated Resource Management Planning Division

Re: Christina Lake Thermal Project
Mineral Surface Lease No. MSL 083668
RD2 Padsite & Utility Corridor
Mineral Surface Lease No. MSL 083666
RD3 Wellsite (observation water well) and Access Road

As discussed by telephone on October 16, 2012, Cenovus FCCL Ltd., (Cenovus) respectfully requests Variance as per Section 15.1(1) of the Alberta Land Stewardship Act. The requested Variance is for existing attached MSL 083668 (RD2 Padsite & Utility Corridor) and MSL 083666 (RD3 Wellsite and Access Road).

The existing RD2 Padsite is located at 13-34-76-03 W4 and the existing RD3 Wellsite is located at 13-03-77-03 W4; both of which will be used for deep water disposal from Cenovus's Christina Lake SAGD Oil Sands project. RD2 and RD3 and a portion of the associated utility corridor and access road are now located within the Dillon River Conservation Area under the Lower Athabasca Regional Plan (survey attached). Changes to the LARP conservation area boundaries have put approximately 5.2 hectares of the 28.4 hectare development for RD2 inside the conservation area and all of the existing 4.24 hectares of RD3.

It is our understanding that you may grant variance for continued use of these lands as outlined in the attached form Application for Variance in a Regional Plan.
Your immediate attention to this matter would be very greatly appreciated.

Should you have any questions or concerns regarding this submittal please contact the undersigned at (403) 766-5416.

Sincerely,

Cenovus FCCL Ltd.

[Signature]

Kendall Dilling
Vice President, Regulatory Services and Community Relations

Attachments

(A) MSL 083668 (RD2 Padsite & Utility Corridor)
(B) MSL 083666 (RD3 Wellsite and Access Road)
(C) Application for Variance in the Lower Athabasca Regional Plan (LARP)
(D) Map of Christina Lake Remote Disposal Pads Locations
(E) Figure 1.2-2 Christina Lake Thermal Revised Project Footprint
(F) Figure 1.3-1 Christina Lake Thermal Project
(G) Section 3.8 Deep Well Disposal from CLTP 1E, 1F and 1G

cc: Mike Pittman, Cenovus
    Alan Reid, Cenovus
    Kim Clayton, ERCB, Manager Applications Branch
Part 1: Details of Application for Variance

Name of Regional Plan:

Lower Athabasca Regional Plan

If the application is with respect to a land area, provide the legal description (Township, Range, Meridian). If the application is with respect to an existing land use, provide a description of that land use.

Legal description: 13-34-76-03W4M and 13-03-77-03W4M

Existing land use:

Water disposal at 13-34-76-03W4M three (3) wells drilled and up to seven (7) future additional wells planned.

Water observation (and planned future disposal) at 13-03-77-03W4M, one (1) well drilled and up to 11 future additional wells planned.

A. Clearly Identify the restriction, limitation or requirement under the Regional Plan that has resulted in you applying for a variance.

The Dillon River Conservation Area was expanded and now includes the existing Cenovus remote disposal well pad (13-34-76-03W4M also referred to as RD2) and observation well pad 13-03-77-03W4M (RD3). A variance is required to allow for completion and tie-in of the disposal sites to Cenovus's existing Christina Lake SAGD facility.

B. Explain why the variance is necessary

Cenovus FCCL Ltd. has existing and planned operations within the newly expanded Dillon River Conservation Area. Specifically:

- In 2008 extensive consultation with industry and First Nation stakeholders was conducted in order to select the 13-34-76-03W4M (RD2) and 13-34-76-03W4M (RD3) disposal locations. Other disposal locations were considered, but RD2 and RD3 were ultimately selected to minimize potential bottom water zone pressure impacts to adjacent operators and were preferred by First Nation community members using the area.
- Since 2008, Cenovus has been progressing development plans for RD2 and RD3 including assessment of environmental impacts and in the case of RD2 (the first of the two pads planned to be developed) completion of a pre-disturbance assessment and receipt of a surface disposition for the proposed activities (MSL 083668).
- The RD2 pad site was constructed and three (3) wells were drilled prior to the establishment of the Dillon River Conservation Area (ERCB well license numbers are 424582, 427777 and 427778 pursuant to issuance MSL 083666).
- Future development of the RD2 pad site will include up to seven (7) additional wells, two pipelines, an all weather road to the pad (from the existing RD1 water disposal pad which resides outside of the Conservation Area) to RD2 and various pad surface facilities. The all weather road will require an incidental borrow pit as described in the attached disposition application. Please note that the current disposition does not allow for full development of RD2 (specifically it only provides for a large enough well pad for the first seven (7) of 10 disposal wells ultimately planned. A subsequent pad expansion (and associated disposition amendment) will be required to expand the pad to accommodate all of the planned future wells.
- Similarly the RD3 pad site was constructed and one (1) well was drilled prior to the establishment of the Dillon River Conservation Area (ERCB well license numbers is 0424583, pursuant to issuance of MSL 083666).
- Future development of the RD3 pad site will include up to eleven (11) additional wells, two (2) pipelines, an all weather road to the pad (from RD2 to RD3) and various pad surface facilities. The all weather road will leverage off of the aforementioned incidental borrow pit.
- Cenovus’s long-term plans for the RD2 and RD3 disposal locations were subsequently confirmed in 2009 through the commercial oil sands application submitted for Christina Lake Thermal Project Expansion Phases 1E, 1F & 1G (ERCB approval 8591Q, AESRD Approval #48522-00-09). Excerpts from the application have been attached. Please note the previous plans (in this 2009 filing) included a total of up to five (5) disposal well pads for the Christina Lake Thermal Project. Additional future pads, namely RD4 and RD5, also in the Dillon Conservation Area are no longer required due to increasing the planned well counts on the RD2 and RD3 pads as outlined above. Overall this represents a significant reduction of surface disturbance, in particular within the Conservation Area. The Christina Lake Phases F and G Amendment currently under review by regulators allows for elimination of the RD4 and RD5 pads.

In September 2012 Cenovus filed D56 Pipeline Applications 1739971 and 1739973 with the ERCB for the proposed RD2 pipelines. During the application review process, the ERCB identified that the RD2 disposal location was now within a Conservation Area and informed Cenovus that they would be unable to issue the pipeline licenses unless specific approval to allow those activities within the Conservation Area was granted by the Land Use Secretariat.

Cenovus has invested approximately $4 million in the RD2 and RD3 disposal locations to date. Construction of the access road, pad and pipeline required to complete RD2 was scheduled to commence in September 2012. As Cenovus was not aware of the conflict with the Dillon River Conservation Area until the issuance of the final LARP in late August 2012 construction planning was well underway and materials for the project have been purchased and transported to Christina Lake and contractors are sitting idle waiting for the project to commence. The seasonal construction window required to complete the RD2 project is fast closing. The RD2 disposal pad is an essential element of Christina Lake Thermal Project Phase 1E and if completion of RD2 is not allowed it would take at least one year to consult, select and receive approval for a new disposal location. Such a delay to the start of Phase E would have material impacts on existing Christina Lake operations and result in deferral of ~$50MM in incremental royalties to the Province.
Development of RD3 is planned to start in 2015 to support Christina Lake Phases F and G. Both these remote disposal pads are envisioned to be required for operation for the full operating life of the Christina Lake Thermal Project which is currently forecast to be to approximately 2045 or beyond. The pads will ultimately be reclaimed in accordance with the regulatory approvals.

**Part 2: Requested Relief**

Describe the specific variance that you are applying for, including any proposed terms and condition of that variance.

Specific Variance:

RD2: Cenovus is requesting a Variance to allow the completion of the RD2 access road, pad and pipelines within the Dillon River Conservation Area as contemplated under existing MSL 083668 as well as a future amendment to said MSL to support ultimate planned development to ten disposal wells.

RD3: Cenovus is requesting a Variance to allow the completion of the RD3 access road, pad and pipelines within the Dillon River Conservation Area as contemplated in the commercial oil sands application submitted for Christina Lake Thermal Project Expansion Phases Phase 1E, 1F & 1G (ERCB approval 8591Q, AESRD Approval #48522-00-09).

Cenovus will construct and operate the above noted facilities in accordance with all applicable regulations including any and all restrictions imposed by the ERCB license approvals and/or the requested Variance.

**Part 3: Other Applicable Information**

Please provide any additional information that may be relevant to this application.

Cenovus actively participated in consultation associated with the development of the Lower Athabasca Regional Plan (LARP) during 2011. The conservation area boundaries in the final LARP issued in August 2012 materially changed since the completion of industry consultations in 2011. The proposed Dillon River Conservation Area boundary as consulted on in 2011 did not include the RD and RD3 locations. For reasons currently unknown to Cenovus, the Dillon River Conservation area was expanded in the final version of LARP and now includes the existing RD2 and RD3 pad sites.

Please refer to the following attachments and excerpts from reference regulatory documents.
Attachment A

MSL 083668 (RD2 Padsite & Utility Corridor)
September 28, 2011

Cenovus FCCL Ltd.
Ste. 4000, 421 - 7th Ave SW
Calgary, Alberta
T2P 0M5

Attention: Land Department

Dear Sir/Madam:

RE: Mineral Surface Lease No. MSL 083668
Pt. ***See attached Schedule B*** (±4.24 acres)
Padsite & Utility Corridor
Christina Lake Project

AMENDED LETTER OF AUTHORITY

Further to your amendment applications dated September 15, 2009, December 10, 2010 and August 10, 2011; this is to advise that the department has completed its review of your request.

Pursuant to Section 20 of the Public Lands Act, authority is hereby granted to enter upon these portions of vacant or other public lands for which you have obtained the occupant’s consent, for the purpose of a padsite and utility corridor.

This is an amended authorization. All previously imposed conditions apply, plus:

1. 177 This authorization is approved subject to the methods and environmental conditions outlined in the Environmental Field Report Cover Document dated August 10, 2011 (revised).

2. The holder shall comply with all provisions and requirements set out in the approval issued on these lands in accordance with Division 2, Part 2, of the Alberta Environmental Protection and Enhancement Act, which forms part of this authority.

E.P.E.A No. 48522-01-00

.../2
Based on the information supplied with your amendment application, first year's charges for this authority are indicated below. Please remit this amount with 30 days. This account will be subject to a 12% interest charge if payment is not received within the time specified.

These charges are subject to review and amendment when your final plan is received and/or formal lease documents are prepared.

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The holder will be invoiced annually for the subsequent annual rental. For the first five years of the term of this authority, unless an amendment is approved during this period, the amount will be $360.00.

If you have any questions or concerns, please do not hesitate to contact the undersigned.

Sincerely

M.G. (Mel) White
Land Management Branch

Cc: Northeast Region
    Lac La Biche Area
    Lac La Biche Office
    Attention: Tyler Caddey

Convenus Energy Inc.
PO Box 766 Station “M”
Calgary, AB T2P 0M5
Attention: Demina Miller
**Amendment for Surface Dispositions**

**Confirmation #:** 2011086958

**Application Date:** 2011-08-10

**MSL083668**

**EFR attached?** Yes

**If No. AOA#?**

**Reason for Amendment:**

- [ ] Change Of Route
- [ ] Change of Location
- [ ] Plan Replacement

**Width of right-of-way:**

From: [**IRREGULAR**]

To: [**IRREGULAR**]

**Dimensions:**

From:

To:

**Purpose:**

From:

To:

**Applicant:** CENOVUS FCCL LTD.

**Address:** 421 7 AVE SW SUITE 4000

**City/Town:** CALGARY

**Province:** Alberta

**Postal Code:** T2P 0M5

**Fax:** (403)407-7083

**Client ID:** 8084944001

**Tel:** (403)706-2777

**Program/Project Name:** R02 PADSITE

**Contact/Agent:** Millar, Deanna

**E-mail:** deanna.millar@cenovus.com

**Organization:** CENOVUS ENERGY INC

**Address:** 421 7 AVE SW PO BOX 766 STN M

**City/Town:** CALGARY

**Province:** Alberta

**Postal Code:** T2P 0M5

**Fax:** (403)407-7083

**Contact File No:** 5448518 (REV 11)

**Contact Alternate Email:** sue.stendt@cenovus.com

**Consent:**

- [ ] Attached
- [ ] Not Required

**Number of Consent to Follow:** 1

**Lands Affected:**

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**Attachments:**

- EFR - Y
- Declaration - N
- Site Information - N
- Consent - N
- Code of Practice - N
- First Nations Consultation - N
- Other Documents - N

**Remarks:**

RMB1U PROJECT - ATTN MEL WHITE - AMENDED MSL WILL COVER DELETED LANDS FROM LOC 090176

**FOR DEPARTMENTAL USE ONLY**

Authorization is hereby granted to enter upon and manually occupy public land as described on this application and in accordance with the project submitted to the department subject to conditions specified in schedule N.

**Date:**

The Director, Public Lands Act

**Dept., Plan No:**
Environmental Field Report (EFR)
2.0 Completion of EFR Cover Document
For all Dispositions

The cover document and the appropriate supplement form must be submitted for each surface disposition application. All blanks must either be filled in or "N/A" noted where applicable. Failure to fill out the document and form(s) completely will result in the EFR being rejected.

[ ] New  [x] Revised

Date Submitted: 10/08/2011
Department Number: MSI 081668

Site/Project Name: Canada FCCL Ltd Disposal Well and Access Pipeline Corridor 12-34-76-3-W4
This revision is in support of removal of the overlap between MSI and the preexisting LOC on the south side of the corridor.

A. Communications

1. Applicant: Canada FCCL Ltd

2. Company contact person for EFR: Roberta Frank
   Phone: (403) 766-4035

3. E-mail: roberta.frank@canada.com
   Cell Phone: (403) 519-2450

4. 

5. Company representative who conducted the on-site assessment for the EFR:
   Bruce MacGregor, R.P.E.  John Hansie, P.A.
   Phone: (780) 559-6495
   Fax: (780) 559-6491
   E-mail: bruce.macgregor@canada.com
   Cell Phone: (780) 639-99


Note: SBD reserves the option to audit individual EFRs to ensure field visits have been conducted and information supplied is accurate.

B. Surface Location

LSD 15  Sec 35  Twp 76  Rge 4  W 4

LSD 13  Sec 34  Twp 76  Rge 3  W 4

1. Construction is proposed under the following soil conditions (check the box that applies):
   [x] Frozen
   [ ] Non-Frozen
   [ ] Other (If "Other", explain)

June 17, 2008  2.0 Cover Document - EFR
Proposed construction date: See notes above

2. Specify associated developments/dispositions that may be required as a result of this disposition.
   - Pipeline (X)
   - Compressor
   - Metering Station
   - Access (X)
   - Other: Pipeline and a portion of the access road (8 m) is included within the proposed disposition right of way.

   Existing 11 m from LOC 890178 will be utilized to access the well site.

1. SAS Review
   3. A complete Land Status Automated System (LSAS) check must be made on the proposed area.

   Date LSAS search was completed: 12/11/2010

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<tr>
<td>FMA 9100029</td>
<td>Alberta-Pacific Forest Industries Inc</td>
</tr>
<tr>
<td>TPA 615</td>
<td>Stuart Janvier</td>
</tr>
<tr>
<td>TPA 668</td>
<td>David Janvier</td>
</tr>
<tr>
<td>TPA 616</td>
<td>Ida Herman</td>
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a. Within a Provincial Grazing Reserve? [ ] Yes [X] No
   If 'Yes', complete the Provincial Grazing Reserve template and attach to the Environmental Field Report. (Refer to Appendix 1 in the instruction document.)

b. Within the Change Access Management Area? [ ] Yes [X] No

June 17, 2008

2.0 Cover Document - EFR
c. Within a FireSmart Community Zone? □ Yes ☒ No

If ‘Yes’, contact Forest Protection Division for additional hazard reduction requirements. Alberta SRD - Wildfires - FireSmart - Information & Projects

d. Follow the “FireSmart” program to reduce bear-human conflicts and increase public stewardship of black and grizzly bears in Alberta by providing strategies, information and education materials to its staff and contractors.

4. Are Permanent/Research Sample Plots/Rangeland Benchmarks located within 100 m of the boundary of the lands under application? □ Yes ☒ No

If ‘Yes’, indicate the legal land description and GPS coordinates for each plot/benchmark in relation to the disposition boundary (degree, decimal, minutes).

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PSP’s held by SRD appear as IRS or PNT reservations on the LSAS report. The forest industry also has sample plots, and if these are registered, they will appear as ISP’s on the LSAS report. If the forest industry sample plots are not registered, they will not appear on the LSAS report. The proponent is responsible for determining if there are any PSP’s or ISP’s on the land under application. PSP’s and ISP’s must not be disturbed.
Stakeholders, Other Land Users

5. Is there potential impact on or conflict with stakeholders and other land users?  □ Yes  □ No

If "Yes" to either, please list and explain mitigation:

Disposition holders: Alberta-Pacific Forest Industries Inc., Stuart Janvier, Eda Herman and David Janvier will be contacted and consulted.

6. What actions have been taken to integrate this disposition with other existing/planned activities and resources to minimize the impacts on the land base? (Check appropriate boxes.)

☐ Not applicable
☐ Use common corridor
☒ Parallel existing clearing/riparian
☒ Use existing clearing/riparian
☐ Other

Explain: Utilizing the existing 1 meter cleared right of way as part of the access/pipeline corridor for a combined maximum width of 3 meters with the exception of the trench around the timbercut cabin

7. Identify any aesthetic concerns related to the proposed activity (i.e., negative effects on the aesthetic/sensory aspects of the surrounding land including view, smell, noise, etc.).

☐ Not applicable
☐ From public access
☒ From residence
☐ From recreation facility
☐ Other

Explain: The Timbercut, David Janvier, was consulted during the project planning phase and Canwood has moved the right of way to the north of his cabin as requested by Mr. Janvier. There are no other public residences, or recreational facilities in the area. No aesthetic concerns are anticipated.

8. Are there any conflicts with Access Management Plans, Integrated Resource Plans or policy documents for the area?  □ Yes  □ No

If "Yes", explain mitigation strategy: N/A

9. Was First Nations (Aboriginal) consultation required by a SRD field office?  ☒ Yes  □ No

If "Yes", with whom: The following communities and groups have been consulted regarding this proposed disposition: Chipewyan Prairie Dane First Nation, Heart Lake First Nation, Beaver Lake Cree Nation, Fort McMurray First Nation.

C. Wildlife/Environmental Concerns

1. Within a Key/Critical Wildlife Zone?  □ Yes  □ No

If "Yes", provide information on mitigation strategies that will be implemented: Canwood will ensure that there will be no destruction of active migratory bird nests throughout the year. CWP submitted under OSP: 100610.

2. Wildlife Timing Constraint apply?  □ Yes  □ No

If "Yes", provide dates of restricted period: From N/A To N/A (See Provincial Timing Guidelines or FW referral maps.)

June 17, 2008  2.0 Cover Document - EFR 4
3. Fertilizer Timing Constraints? ☑ Yes ☐ No
   If 'Yes', provide dates of restricted periods: From April 15 to July 15 (See Provincial Watercourse Code of Practice for restricted periods.)

4. Within a Caribou Area? ☑ Yes ☐ No. If 'Yes', specify the Caribou Protection Plan number and name.
   NFI-002-Caribou Chr Lake-2010/11

Species at Risk (Plant/Animals)

5. Is it likely that a species at risk (not including Woodland Caribou in number 4 above) will be found in the area of the proposed development? ☑ Yes ☐ No
   If 'Yes', specify the status and protective strategy for each species: FWIS system was consulted and the species listed are Woodland Caribou, Bald Eagle, A sample of other species in the general area are Canada Lynx, Fisher, Black Bear, Grey Wolf, American Marten, Porcupine and Red Squirrel. No rare plants were found during on-site inspection and none were listed on the ACMS site. Golden and Associates found a Pitcher Plant near the proposed borrow pit in LSD 16-35-76-4-W4 during PDA work.

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<tr>
<th>Species 1 Pitcher Plant</th>
<th>Species 2 Woodland Caribou</th>
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<tr>
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Explain any conflict and proposed mitigation:
Construction will occur during frozen ground conditions reducing the potential of disturbing this species to low.
Alberta Fish and Wildlife Division recommends pre-development inventory be conducted on all native grassland habitats within the Grassland Natural Region due to high concentration of Species at Risk and limited site-specific information on occurrences.

6. Has a pre-development Species at Risk inventory been completed to alert the applicant of any wildlife concerns related to this project? ☐ Yes (copy of inventory attached) ☑ No

If 'No', explain: The proposed wetland, access/pipeline corridor is located in the Boreal Forest Region, therefore no pre-development inventory is required. The species at risk has been checked on the Fish & Wildlife FWMS site and listed above.

Has the activity been assessed to ensure it does not negatively affect any species at risk? ☐ Yes ☑ No

If 'No', explain: Boreal Region and the species at risk has been checked on the Fish & Wildlife FWMS site and listed above.

8. If Access Restrictions apply, include legal land description and explain mitigation measures.

<table>
<thead>
<tr>
<th>LSD</th>
<th>N/A</th>
<th>Sec</th>
<th>N/A</th>
<th>Twp</th>
<th>N/A</th>
<th>Rge</th>
<th>N/A</th>
<th>W</th>
<th>N/A</th>
</tr>
</thead>
</table>

Explain mitigation strategy: N/A

9. If within or adjacent (within 100 m) to a Protected Area, indicate the type of protected area and explain what measures will be taken to avoid conflict with the protected area.

☐ Natural Area ☐ Ecological Reserve ☐ Park ☐ Other: N/A

Name of protected area:

Explain mitigation strategy: There are no protected areas within the proposed disposition area.

10. Are there any environmentally sensitive areas in the vicinity (within 100 m) of the proposed activity that will require special measures to protect? ☐ Yes ☑ No

If 'Yes', list and explain:

11. Is the proposed activity within a permafrost area? ☐ Yes ☑ No

If 'Yes', specify the Permafrost Protection Plan number and name: N/A

D. Historical Resources

Date search completed 23/11/2010

June 17, 2008 2.0 Cover Document - EFR
What is the Historical Resource Value (HRV) of the affected lands?
☐ Not Listed ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

If HRV is 1-5, an Application for Historical Resources Act Clearance must be submitted to the Cultural Facilities and Historical Resource Division (CFHRD) of Alberta Community Development.
Date submitted: N/A as not listed

Note: Activities on land that has an HRV or 4 or 5 may require a Historical Resources Impact Assessment (HRIA).

---

E. Vegetation and Timber Cover

Vegetation (check all that apply)
☐ Native grassland
☐ Tame pasture
☐ Cropland
☐ Sparingly or non-vegetated
☐ Cutblock - planted
☐ Natural regeneration >2 m
☐ Treed wetland
☐ Shrubby wetland
☐ Grass or grass-like wetland
☐ Native aspen parkland
☐ Other (specify) [Forest type]

Deciduous-dominant forest:
☐ (“D” less than 30% coniferous trees)
☐ (“E” more than 70% coniferous trees)

Coniferous-dominant forest:
☐ (“C” more than 70% coniferous trees)

Mixedwood forest:
☐ (“CD” 70% to 50% coniferous trees)
☐ (“DC” 50% to 30% coniferous trees)

Timber Salvage
1. Merchantable timber present? ☐ Yes ☐ No

Provide a volume inventory as follows:
Coniferous approx. volume __________ m³ or 7 __________ number of loads
Spruce 30 __________ %
Pine 70 __________ %
Other __________ %

Deciduous approx. volume __________ m³ or 10 __________ number of loads
Aspen 100 __________ %
Other __________ %

2. Specify the timber disposition or FMA(s) shown on LSAS.
☐ No disposition (Contact SHD field office)
☐ Disposition number of FMA: FMA91000019, holder name Alberta-Pacific Forest Industries Inc

3. Utilization standards:
Coniferous 15 ______ cm stump diameter to a 11 ______ cm top diameter.
Deciduous 15 ______ cm stump diameter to a 10 ______ cm top diameter.

4. Timber salvage waiver requested? ☐ Yes ☐ No

If ‘Yes’, provide justification: [N/A]

5. Provide the name of the salvage purchaser: _____________________________, or check one of the following:
☐ Not known at this time
☐ [FMH] by FMH (or equivalent)
☐ [Timber permit]

June 17, 2008 2.0 Cover Document - EFR
6. When will the salvage be removed/hauling from the site to a wood processing plant?

☐ Proposed date start: 01/01/2011

☐ Proposed date complete: 11/03/2011 2nd phase, all salvage to be completed in 2012

Notes: The operator is responsible for moving the salvage to a site that is accessible to ensure all the wood can be removed. This may require forwarding the wood on a site with all-weather access.

A copy of the TMRB or equivalent must be submitted to the SHD field office to ensure proper tracking of ownership, transport and manufacturing can occur.

F. Soil and Vegetation Management


Note: Projects on specific areas of public land may require a soil survey. The proponent is to identify such requirements during the planning process.

Are there soil sensitivities (i.e., shallow depth to water table; shallow depth to bedrock; soils are gravelly or stony, etc.)? ☐ Yes ☒ No

Explain: N/A

Surface expression (i.e., topography): The topography for the proposed access road, pipeline and wetland dispositions is generally undulating with some hummocks. The areas through muskegs are flat. At the well pad the area is hummocky. Site drainage (i.e., drainage is very poor, poor, imperfect, moderately well, well, rapid, or very rapid): The route varies from poorly drained to moderately well drained.

Are there problem vegetation/weeds/invasive species on or near site at time of assessment?

☐ Yes ☒ No Explain: No weeds evident at time of assessment. Weeds will be addressed as per “Cannons Point Best Practices for Vegetation Management”

Identification of species, degree of infestation and approximate amount of area infested per species.

☐ Trace (rare) Species 1 Species 2 Species 3

☐ Low (occasional) Species 1 Species 2 Species 3

☐ Moderate (scattered plants) Species 1 Species 2 Species 3

☐ High (fairly dense) Species 1 Species 2 Species 3

Is there a risk of weed spread to the site if development proceeds?

☐ High ☐ Moderate ☒ Low

June 17, 2008 2.0 Cover Document - FFR
G. Incidental Activities

The applicant is to identify and outline on the application plan any incidental activities required for temporary use.

Note: No additional approval is required for incidental activities that are applied for with the disposition and included in the plan. If the incidental activity is not approved under the disposition, a separate approval is required. Incidental activities approved in this manner are for temporary use only and are not part of the surface disposition.

1. According to field assessment, will additional incidental clearings be required? ☐ Yes ☑ No
   - If 'Yes', indicate the purpose:
     - ☐ Campsite
     - ☑ Borrow Pit
     - ☐ Salvage Deck
     - ☐ Temporary Workspace
     - ☐ Backslope
     - ☐ Temporary Access
     - ☐ Other (describe conditions below)

     (Note: If corrodor includes incidental borrow pits or salvage areas, it will be deducted from the corridor and listed out.)

2. Are any additional clearings planned in reforested areas? ☐ Yes ☑ No
   - If 'Yes', explain N/A

The Core Operating Conditions are standard practices that must be applied to all activities.

II. Core Operating Conditions

Prior to Entry - Confirmation Number

099 The holder shall contact and advise the departmental officer of its intentions:
- prior to entry upon the lands for a stated purpose,
- prior to any additional construction during the term of this authority,
- at the completion of operations or construction, and
- upon abandonment of this activity.

Upon contact prior to initial entry on the land, the departmental officer shall issue a confirmation number that shall be maintained on file by the holder and be provided to the departmental officer on request.

<Location & Telephone No.:> 1 ac at Hobe Forest Area (786) 623-5254

Adverse Ground Conditions

105 Any activity on the land during adverse ground conditions must be suspended if the activity is likely cause unacceptable damage to vegetation or soil, as may be determined by the holder or the department.

Sample Plots

108 No entry is allowed within the boundaries of any research or sample plot.

Reclamation - Interim

127 The holder shall reclaim all disturbed land surfaces within two growing seasons. Interim reclamation, including site and debris clean-up, slope stabilization, recontouring with subsoil, and spreading of topsoil shall be done progressively and concurrently with operations.

June 17, 2008
Reclamation - Final
128 Final surface reclamation must meet the requirements for the specific activity in place at the time of abandonment.

Noxious Weeds
131 The holder shall cut, keep down and destroy all noxious weeds and restricted weeds as per the Public Lands Act.

Waste Material Disposal
135 The holder shall remove all garbage and waste material from this site to the satisfaction of the department, in its sole discretion.

Watercourse/Water Body - No Material to be Deposited
148 The holder shall not deposit or push debris, soil or other deleterious materials into or through any watercourse or water body or on the ice of any watercourse/water body.

Erosion Prevention
158 The holder shall take all precautions and safeguards necessary to prevent soil and surface erosion to the satisfaction of the department in its sole discretion.

Natural Drainage - No Interruption
161 The holder shall not create any interruptions to natural drainage, including ephemeral draws that may result in blockage of water flow.
Environmental Field Report (EFR)
3.0 Completion of Supplement A
Sites and Installations

The cover document and the appropriate supplement form must be submitted for each surface disposition application. All blanks must either be filled in or 'N/A' noted where applicable. Failure to fill out the document and form(s) completely will result in the EFR being rejected.

☐ New  ☒ Revised

Date Submitted: 10/08/2011  MSL Number: 083608
PH Number:
Site/Project Name: Disposal Well and Access/Pipeline
Legal Land description: LSD 13, Sec 34, Twp 76, Rge 3, W4

A. Site Description

1. Stability concerns: ☐ Yes  ☒ No If 'Yes', explain mitigation: N/A

Questions 2, 3, 4 and 5 of section A apply to MSL only. The "Wellsite Spacing Recommendations" may be used as a guide at http://www.alberta.ca/hands/formspublication/leasepublish/default.aspx.

2. Well type: ☐ Oil  ☒ Sweet Gas  ☐ Sour Gas  ☐ Coalbed  ☐ Single Well pad  ☐ Multi-well pad
   ☒ Other This application is for a permanent disposition at a disposal well for the Christina Lake Thermal Plant.

3. Well depth: 900m

4. Flare requirements for drilling: ☐ 50 m  ☐ 35 m  ☒ 25 m
   ☐ Flare pit  ☒ Flare tank  ☐ Flare stack

5. Number of zones to be completed/produced: 0 Inter-well spacing: N/A m.

B. Vehicle/Equipment Access

How will the site be accessed? (Check boxes that apply)

☒ By an existing access held under disposition or jurisdiction (specify name, disposition number, and owner):
   Campus VCC, Ltd. L0S 9J0

☐ New application (LAC)
☒ New access included in this application.

Note: If access is part of the site and installation application, an access supplement must be submitted.
C. Contamination Prevention

1. Is the boundary of the site located within 100 m of a watercourse? □ Yes ☒ No
   If 'Yes', specify distance from edge of lease to top of breaks in meters N/A
   Explain mitigation strategy if within 100 meters N/A.

2. Will the site be diked during drilling? □ Yes ☒ No During production? □ Yes ☒ No
   If 'No', explain why not. Drilling muds and other fluids used during the drilling and completion process will be
   contained in tanks reducing the opportunity for any surface contamination.

Will other methods of on-site contamination prevention be required? Explain. Daily monitoring will be carried out
during the drilling phase to ensure that all contaminants are contained on-site. Drilling muds and other fluids used
during the drilling and completions process will be contained in tanks reducing the opportunity for any surface
contamination.

Applicable to MSL only

D. Sump

Type of sump (check appropriate box): □ On-site pit ☒ Above-ground tank on site
□ In-ground tank on site □ Remote sump

Remote sump location: LSD SI, Sec 7, Twp 76, Rge 6, W 4
□ Private land ☒ Public land (If location known, indicate on the survey plan)

GPS coordinates: (deg/minute/decimal) NAD83 Latitude 55.5981 Longitude 110.9212

Proposed mud type: □ Hydrocarbon: ________ □ Salt base: ________ ☒ Gel clean: ________
□ Other: ________

Applicable to MSL only

Disposal

Estimate volumes to be disposed of: Solids 45 m³ Liquids 180 m³

Proposed disposal methods: □ Mitigation/cover ☒ Land spreading ☒ Land farming □ Pump-off
□ Disposal on forested public land ☒ Other Land Use CCS: Approximately date of disposal July 2011
□ Private Land □ Public Land

Indicate land farming or land spreading location if off site on public land.
LSD SI, Sec 2, Twp 76, Rge 6, W 4

Applicable to MSL only

June 2006
E. Source of Water
1. Water Required: ☒ Yes ☐ No ☐ Water well on lease
2. Offsite source: ☒ Offsite water well ☐ Lake ☐ Stream ☐ River
☐ Other (specify type) .


3. Access required to water source? ☐ Yes ☒ No. If "Yes" attach a sketch.

---

F. Construction Strategy

1. Vegetation Removal
   Explain: Cenovus will salvage the merchantable timber and pile and burn non-merchantable timber

2. Brush Disposal
   Explain: Brush will either be piled and burned, brush burning will be completed by March 31, 2011. Burning will occur either on mineral soil or by utilizing a burning sloop.

3. Topsoil handling: (Check appropriate boxes) ☒ No stripping ☐ Minimum surface disturbance
   ☒ Stripping ☐ Single Lift ☒ Two Lift ☐ Other (Explain) In areas with less than 40cm of post (organic horizons) all organic materials will be salvaged. Where post is greater than 40cm in thickness post will not be salvaged. All topsoil (A/B horizon) will be salvaged in undisturbed areas, sub-soil will be salvaged separately from the top soil to a minimum distance of 50cm in upland areas.

   Additional details: Two lift soil salvage with individual stripping of horizons.

4. Will paddling of the website be required? ☐ Yes ☐ No.
   If "Yes" Explain: Well pad is upland.

---

G. Reclamation Strategy

Revegetation strategy: (Check appropriate boxes) ☒ Natural Recovery ☒ Native Seed
☐ Non-native Seed ☐ Other.

Interim: A natural reclamation approach to revegetation, supplemented with tree and shrub planting if needed will be adopted. Grasses and forbs species are expected to establish naturally from soil seed banks and for invasion from adjacent natural areas. Trees and shrubs are expected to regenerate naturally.

Production/Operations: Cenovus will progressively reclaim areas that are not being used by decontaminating, deep ripping, contouring, replacing salvaged sub-soil and top soil, and seeding with an approved mixes seed mix will be conducted as required.

Applicable to MSL only
See Appendix III - Lease Description and Website Sizing Information

Note: Complete and attach the lease description and website sizing template (in the Appendix) if a non-standard website is required as per the lease description and website sizing document (see instructions).

June 2008 1B Supplement A Site A Instructions
Operating Condition

Contamination Prevention

1.36 In addition to complying with Federal, provincial and local laws and regulations respecting the environment, including release of substances, the holder shall, to the department's satisfaction, take necessary precautions to prevent contamination of land, water bodies and the air with particulate and gaseous matter, which, in the opinion of the department in its sole discretion, is or may be harmful.
Environmental Field Report (EFR)
4.0 Supplement B - Access

The cover document and the appropriate supplement form must be submitted for each surface disposition application. All blanks must either be filled in or "N/A" noted where applicable. Failure to fill out the document and form(s) completely will result in the EFR being rejected.

☐ New  ☒ Revised

Date Submitted 10/08/2011
LOC Number

To: LSD 13  Sec 34  Twp 76  Rge 3  W4.

Note: The Pre-disturbance Planning and Surface Access Management sections of the Public Lands Operational Handbook should be consulted when dealing with new access development, extensions or upgrading existing access. Before a road is approved, the applicant may be requested to present the advantages and disadvantages on any alternate proposals, the rationale for selecting a particular route and the trade-offs made.

A. Type of Access/Dimensions

1. Initial access width 8 m and type of access:
   ☐ undeveloped dry
   ☒ undeveloped frozen
   ☐ dry weather
   ☐ all-weather (permanent)
   ☐ NA

   Explain: [Insert] Access is being extended for access/pipeline corridor.

2. Final access width 5.5 m as applied for and type of access:
   ☐ undeveloped dry
   ☐ undeveloped frozen
   ☐ dry weather
   ☒ all-weather (permanent)

   Explain: All weather access to include access and pipeline to disposal well in LSD 13-34-76-3-W4

Notes: For winter access it is recommended that existing seismic lines be used for initial access to a location. Widening of these lines should be minimized. Minimal widths for initial access are to be used wherever possible. Where a well or development is considered viable, the applicant generally plans to move to a wider ROW (e.g. 20m) for development of a high grade road. In this case, the 20m width can be applied for with the understanding there will be no additional clearing beyond the 8-10m width indicated until the development is proven viable.

If the entire ROW is cleared initially and then not required for the development, it will be treated as Unauthorized use of public land and appropriate enforcement action will be taken.

If electricity is required at a facility, the ROW must be planned to ensure the power line is located on the downhill side. This is required to minimize the tree-free area adjacent to the power lines, thus reducing
the potential of falling trees hitting the power line and possibly starting a wildfire, as well as, cutting off power to the facility.

Where a road, pipeline, and power line ROW are required, it is recommended the power line be located between the road and pipeline. This greatly reduces the clearing requirements and keeps the power line safe from falling trees.

B. Topography

1. Mark more than one box to show range:
   - ☒ Level (0-3%)
   - ☐ Gentle (3-10%)
   - ☐ Moderate (11-15%)
   - ☐ Steep (16-30%)
   - ☐ Very steep (over 30%)
   
   Explain: Route is flat to undulating with hummocks.

C. Watercourse Crossings

Avoidance, Minimizing and Mitigation/Compensation, in that order, are considerations for watercourse crossings. See the instructions for additional explanation.

1. Will watercourse crossings be installed? ☒ Yes ☐ No. (If 'No', go to next section).
   If 'Yes', number the watercourse crossings on the survey plan and complete the table below.

   Note: Alllicences, authorizations and approvals issued by Alberta Sustainable Resource Development under the Public Lands Act and Forests Act, and by Alberta Environment under the Environmental Protection and Enhancement Act and Water Act, should not be taken to mean the proponent (applicant) has complied with federal legislation. Proponents should contact Fisheries and Oceans Canada in the location nearest to them (Peace River, Edmonton, Calgary, Lethbridge) in relation to the application of federal laws, including but not limited to the Navigable Water Protection Act and the Fisheries Act (Canada).

<table>
<thead>
<tr>
<th>Crossing Number</th>
<th>Crossing Method</th>
<th>Culvert/Bridge Size Diameter (mm) x length (m)</th>
<th>Watercourse Size Class (A-B)</th>
<th>LSD</th>
<th>Sec</th>
<th>Twp</th>
<th>Rge</th>
<th>Mer</th>
<th>Specify if restricted activity period (dd/mm/yyyy)</th>
<th>Class of Waterbody From COP (A,B,C,D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial bridge</td>
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<td>X</td>
<td>1</td>
<td>13</td>
<td>76</td>
<td>3</td>
<td>4</td>
<td>From 15/04/2011 To 15/07/2011</td>
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<tr>
<td>Final bridge</td>
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<td>From To</td>
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<td>Initial</td>
<td>X</td>
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</tbody>
</table>

2. Temporary watercourse crossings will be removed by 31/03/2011

June 2008

4.0 Supplement B - Access
Note: Temporary crossings must not be installed or existing ones removed during restricted activity periods unless clear flow can be maintained. Crossings installed during winter work should be removed prior to spring break up.

D. Construction Strategy

☐ Plan attached (include all areas of existing clearing(s) and new clearing(s) to be used, and their dimensions)

1. Vegetation removal: Explain: Cenovus will salvage the merchantable timber and pile and burn non-merchantable timber. Cenovus is to use the Grabbing to remove vegetation to avoid potential erosion.

2. Brush disposal: Explain: Brush will either be piled and burned. Brush burning will be completed by March 31, 2012. Brush burning will occur either on mineral soil or by utilizing a burning sled.

3. Topsoil handling/Topsoil stripping widths: (Check the appropriate boxes for initial and final access)
☐ Minimal surface disturbance (no stripping)
☐ Stripping ☐ Single Lift ☐ Two Lift ☐ Other

Explain if more than one box has been checked. In areas with less than 40cm of peat (organic horizon) all organic materials will be salvaged. Where peat is greater than 40cm in thickness peat will not be salvaged. All topsoil (A-horizon) will be salvaged in upland areas, sub-soil will be salvaged, separately from the top soil to a maximum thickness of 30cm in upland areas.

Additional details: Two lift soil salvage with individual stripping of horizons. Frozen clumps will be broken down prior to replacement.

E. Reclamation Strategy

Revegetation strategy: (Check appropriate boxes)
☐ Natural recovery ☒ Native seed ☐ Non-native seed ☐ Other

Interim: Natural recovery approach to revegetation, supplemented with tree and shrub planting if needed will be adopted. Grasses and forb species are expected to establish naturally, from soil seed banks and/or invasion from adjacent natural areas. Trees and shrubs are expected to regenerate naturally.

Production/Operation: Cenovus will progressively reclaim areas that are not being used by decontaminating, deep ripping, recontouring, replacing salvaged sub-soil and top soil, and seeding with an approved native seed mix, as required.

June 2008 4.0 Supplement B - Access 3
Environmental Field Report (EFR)
5.0 Supplement C - Pipeline

The cover document and the appropriate supplement form must be submitted for each surface disposition application. All blanks must either be filled in or 'N/A' noted where applicable. Failure to fill out the document and form(s) completely will result in the EFR being rejected.

☐ New  ☒ Revised

Date Submitted 10/08/2011  PLA Number

dd/mm/yyyy

Legal land description: From: LSD 15  Sec. 35  Twp 76  Rge 4  W 4
To: LSD 13  Sec. 34  Twp 76  Rge 3  W 4

A. Pipeline Description

1. Pipe outside diameter 101.6 to 152.4 mm

2. Pipeline product: ☐ Oil  ☐ Sweet gas  ☐ Sour gas (H2S)  ☐ Water
   ☒ Other (Diagonal pipeline for the Christina Lake Thermal Plant - erection in support of separation of MSI from precipitating LOC on south side of corridor)

B. Method of Vehicle/Equipment Watercourse Crossings

1. Type of access: (check the appropriate boxes)
   ☐ Undeveloped dry  ☒ Undeveloped frozen  ☐ Dry weather  ☐ N/A

2. Will watercourses be crossed by vehicle/equipment? ☒ Yes  ☐ No

Avoidance, Minimizing and Mitigation/Compensation, in that order, are considerations for watercourse crossings. See the instructions for additional explanation. Watercourse/water body crossings must meet the requirements of the Water Act Codes of Practice.

Will watercourse crossings be installed? ☒ Yes  ☐ No.

If 'No', go to the next section.

If 'Yes', number the watercourse crossings on the survey plan and complete the table below.
3. Temporary watercourse crossings will be removed by 11/03/2012.

During restricted activity periods, temporary crossings must not be installed or existing ones removed unless clean flow and fish passage can be maintained. Additional approvals will be required from the federal Department of Fisheries and Oceans if in-stream work is proposed during the restricted activity period. Crossings installed during winter work should be removed prior to spring break up.

Note: All licences, authorizations and approvals issued by Alberta Sustainable Resource Development under the Public Lands Act and Forests Act, and by Alberta Environment under the Environmental Protection and Enhancement Act and Water Act, should not be taken to mean the proponent (applicants) has complied with federal legislation. Proponents should contact Fisheries and Oceans Canada in the location nearest to them (Peace River, Edmonton, Calgary, Lethbridge) in relation to the application of federal laws, including but not limited to the Navigable Waters Protection Act and the Fisheries Act (Canada).

C. Construction Strategy

1. Vegetation removal: Explain Canvass will salvage the merchantable timber and pile and burn non-merchantable timber. Canvass is not to use the grubbing to remove vegetation to avoid potential erosion.

   Brush disposal: Explain Brush will be piled and burned. Brush burning will be completed by March 31, 2012. Burning will occur either on mineral soil or by utilizing a burning slope.

2. Pipeline installation (predominant method for pipeline ROW, check appropriate boxes):
   ☒ Trench (top of trench width 137.16 cm)
   □ Plough
   □ Above-ground

3. Direction of construction: Direction of construction will be determined by pipeline contractor.

4. Topsoil handling (check appropriate boxes):
   □ Minimal surface disturbance (no stripping)
   □ Stripplng
   ☒ Single lift
   □ Two lift
   □ Other

   Explain: Topsoil/peat stripping over the 1.5 meter trench area will be windrowed separately from ditch spoil. The ditch spoil will be placed in the trench, and then the topsoil/peat rolled back. Topsoil will be temporarily stored within the disposal boundary. Topsoil/peat less than 40cm will be salvaged. Frozen clumps will be broken down prior to replacement.

June 2008
5.0 Supplement C - Pipeline
5. Topsoil stripping width (in metres), (check appropriate boxes):
   - Trench and working side access ______ m
   - Trench and spoil ______ m
   - Entire ROW
   - Trench only

   If more than one box has been checked, explain: Topsoil/peat stripping over the 1.5 meter trench area will be windowed separately from ditch spoil. The ditch spoil will be replaced in the trench, and then the topsoil/peat refilled back. Topsoil will be temporarily stored within the disposal boundary. Topsoil/peat less than 40cm will be salvaged. Frozen clumps will be broken down prior to replacement.

   Additional details:  

   Method of Pipeline Watercourse Crossing

   Provide legal land description and crossing method:

<table>
<thead>
<tr>
<th>LSD</th>
<th>Sec</th>
<th>Twp</th>
<th>Rge</th>
<th>W</th>
<th>Open Cut</th>
<th>Directional Drill</th>
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</tbody>
</table>

   Note: The location and method of pipeline crossing must correspond with the Code of Practice notification and the locations listed in Section C.

   All licenses, authorizations and approvals issued by Alberta Sustainable Resource Development under the Public Lands Act and Forests Act, and by Alberta Environment under the Environmental Protection and Enhancement Act and Water Act, should not be taken to mean the proponent (applicant) has complied with federal legislation. Proponents should contact Fisheries and Oceans Canada in the location nearest to them (Peace River, Edmonton, Calgary, Lethbridge) in relation to the application of federal laws, including but not limited to the Navigable Water Protection Act and the Fisheries Act (Canada).

   D. Reclamation Strategy

   1. Revegetation strategy: (check appropriate boxes)
      - □ Natural recovery
      - □ Native seed
      - □ Non-native seed

   June 2008

   5.0 Supplement C - Pipeline
□ Other A natural recovery approach will be used for revegetation as grasses and forbs are expected to establish naturally from seed soil banks and/or invasion from adjacent natural areas. Approved native seed will be used to supplement where the natural process is not establishing sufficient vegetation.

Trees and shrubs are expected to regenerate naturally.

When will re-contouring of grade occur: After one complete year of settling, a site assessment will be conducted to determine what recontouring work is required. Work will be conducted as soon as ground conditions are favourable after the site assessment.

2. Topsoil replaced on active location (check appropriate box):
□ Concurrently □ Allow trench time to settle

3. Rollback of woody debris:
□ Yes □ No

If 'Yes', explain purpose: Roll back of any unburned woody debris will take place. The woody debris will be spread back and crushed on the ROW.
From: Alexios, Renee R. (mailto:reneea.alexios@cenovus.com)
Reply-To: Renee.Alexios@cenovus.com
Sent: Wednesday, June 22, 2011 8:19 AM
To: Frankow, Robert

Subject: FWS Chinook Lake Disposal Corridor - MSL 083689 and existing LOC 990178

Attachments: CENOVUS_Base_map.pdf

Frankow, Robert

From: Karen Scott [mailto:karen.Scott@gov.ab.ca]
Reply-To: Karen.Scott@gov.ab.ca
Sent: Thursday, June 23, 2011 9:37 AM
To: Alexios, Renee R.
Subject: RE: Christina Lake Disposal Corridor - MSL 083658 and existing LOC 990178

Hi

I am not sure who Cenovus has a road under MSL 083508 & will have double coverage with the LOC 990178 area mentioned (See attached)

All you need is Forest Off-rd approval on this piece to amend the road and leave a portion in place for the trigger

Can we do that?

Thanks
Karen

From: Alexios, Renee R. (mailto:reneea.alexios@cenovus.com)
Sent: Wednesday, June 22, 2011 8:19 AM
To: Karen Scott

Subject: RE: Christina Lake Disposal Corridor - MSL 083658 and existing LOC 990178

Hi,

Please confirm if we can have theトリガーで使用される部分を残すことが可能か。トリガーが道路を貫通する場合、その部分を残すことが可能か。

Thank you.

Renee

2011-06-23
From: Alessio, Renzo R.
Date: Thursday, June 02, 2011 12:52 PM
To: Karen Scott
Subject: FW: Christina Lake Disposal Corridor - MLS 609668 and existing ELC 800178

Hi,

Please send the attachment please for reference.

In regards to M and K's concern, we had a meeting with S, B and K. B and K have concerns for the proposed site, and also the proposed site has not been approved yet. We have attached for your review. It is extremely important to get this confirmed in writing before starting any construction.

We understand your concern for the proposed site. We have had discussions with the proposed site has been confirmed to be suitable for the proposed site. However, the proposed site has not been approved yet and there are still some concerns about the proposed site.

Please advise if there are any concerns with this.

Renzo Alessio P.Eng.
Environmental Advisor
Conexus Energy
431-7 Ave SE
PO Box 766
Calgary, Alberta
T2P 0A3
Office 403-776-8194
Cell 403-497-3324
Fax 403-497-3324
renzo.alessio@conexus.com

From: Frankow, Roberta
Date: Thursday, May 30, 2011 1:15 PM
To: Alessio, Renzo R.
Subject: FW: Christina Lake Disposal Corridor - MLS 609368 and existing ELC 800178

To: Renzo R. Alessio

Enclosed is your draft letter and merger draft with respect to preparing the existing ELC information, and requesting that

R. Roberta Frankow
Office: 403.778.4035 | Cell: 403.910.2450
Conexus offices are closed the 1st and 3rd Friday of each month.

From: Tyler Cadney [mailto:Tyler.Cadney@gov.ab.ca]
Date: Monday, May 30, 2011 3:12 PM

2011-06-23
From: Tyler Cadday [mailto:Tyler.Cadday@gov.ab.ca]
Sent: Monday, May 30, 2011 1:59 PM
To: Tyler Cadday
Subject: Christina Lake Disposal Corridor - MSL 083668 and existing LOC 890178

Dear Tyler,

Just to clarify, that portion of the LOC isn’t being reclassified because the trigger is using it? Am I correct?

From: Tyler Cadday [mailto:Tyler.Cadday@gov.ab.ca]
Sent: Monday, May 30, 2011 3:09 PM
To: Tyler Cadday
Subject: Christina Lake Disposal Corridor - MSL 083668 and existing LOC 890178

We finally have the revised plans in for this project - the Amendment for the Corridor MSL for the Pad, pad and pipe was referred to you last year, but I needed to file an As-Built of the LOC in order to amend the detailing bands.

Just need to confirm in writing that SRO and Cencovus are agreed that the portion of the pad that runs south past the Typosca’ canoe and today’s bridge will be accepted by the amendment to the LOC until such time as SRO requires us to reclassify it. I will need your approval on this, as that Karen Scott’s comments can be included in the submission.

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2011-06-23
### Approximate Areas

#### Top 17 - Rpg 4 - W4M

<table>
<thead>
<tr>
<th>Type of Way</th>
<th>Existing Cut</th>
<th>New Cut</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.99 ha (2.46 ac)</td>
<td>1.711 ha (4.23 ac)</td>
</tr>
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#### Approximate Areas

#### Top 76 - Rpg 4 - W4M

<table>
<thead>
<tr>
<th>Type of Way</th>
<th>Existing Cut</th>
<th>New Cut</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2.371 ha (6.00 ac)</td>
<td>5.655 ha (14.80 ac)</td>
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#### Approximate Areas

#### Top 76 - Rpg 3 - W4M

<table>
<thead>
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<th>Type of Way</th>
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<th>New Cut</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1.000 ha (4.05 ac)</td>
<td>5.636 ha (14.00 ac)</td>
</tr>
</tbody>
</table>

#### Approximate Areas

#### Top 73 - Rpg 3 - W4M

<table>
<thead>
<tr>
<th>Type of Way</th>
<th>Existing Cut</th>
<th>New Cut</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>10.822 ha (26.74 ac)</td>
<td>5.636 ha (14.00 ac)</td>
</tr>
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### Right of Way Per Width

#### Top 76 - Rpg 3 - W4M

<table>
<thead>
<tr>
<th>Width of Right of Way</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>25m Right of Way +</td>
<td>0.30 km</td>
</tr>
<tr>
<td>20m Right of Way +</td>
<td>0.25 km</td>
</tr>
<tr>
<td>15m Right of Way +</td>
<td>0.20 km</td>
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</table>

#### Top 73 - Rpg 3 - W4M

<table>
<thead>
<tr>
<th>Width of Right of Way</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>35m Right of Way +</td>
<td>0.40 km</td>
</tr>
<tr>
<td>30m Right of Way +</td>
<td>0.35 km</td>
</tr>
<tr>
<td>25m Right of Way +</td>
<td>0.30 km</td>
</tr>
</tbody>
</table>