

## 1 General Information

|                             |  |
|-----------------------------|--|
| Submission Date:            |  |
| Field Assessment #1 – Date: |  |
| Field Assessment #2 – Date: |  |
| Field Assessment #3 – Date: |  |

|                       |  |
|-----------------------|--|
| Applicant Information |  |
| Company Name:         |  |
| Contact Person:       |  |
| Address:              |  |
| Telephone:            |  |
| Email:                |  |

|                      |  |
|----------------------|--|
| Assessor Information |  |
| Company Name:        |  |
| Contact Person:      |  |
| Address:             |  |
| Telephone:           |  |
| Email:               |  |

|   |  |
|---|--|
| Name of Person Signing off Environmental Review:  |  |
| Professional Designation and Registration Number: |  |

## 2 Occupant(s) Interview

Describe engagement activities with the occupant(s) of the proposed project location.

|                                    |  |                          |  |
|------------------------------------|--|--------------------------|--|
| <b>Date:</b>                       |  | <b>Occupant Name(s):</b> |  |
| <b>LLD(s):</b>                     |  |                          |  |
| <b>Occupant Interview Summary:</b> |  |                          |  |
|                                    |  |                          |  |

Describe any other engagement activities, such as interviews with occupants or landowners adjacent to the proposed project.

|                           |  |                 |  |  |  |  |
|---------------------------|--|-----------------|--|--|--|--|
| <b>Date:</b>              |  | <b>Name(s):</b> |  |  |  |  |
| <b>LLD(s):</b>            |  |                 |  |  |  |  |
| <b>Interview Summary:</b> |  |                 |  |  |  |  |
|                           |  |                 |  |  |  |  |

### **3 Project Description**

- 3.1 Provide a description of the project including all proposed work and activities through the life of the project.

- 3.2 Describe the project schedule including estimated/planned start and completion dates of construction, interim or final reclamation, and anticipated project life. Consider seasonal restrictions (i.e. nesting and breeding breeding birds, unfrozen ground, wet conditions, etc.) when project activities are scheduled.

- 3.3 List and describe all primary land uses and any previous disturbances located in the project area.

- 3.4 Explain how the project has been planned to integrate with existing disturbances within the area to minimize the project impact.

## 4 Environmental Information

### 4.1 **Landscape**

Is the proposed project location:

- ☐ YES ☐ NO Within 150 meters of the Red Deer River Corridor
- ☐ YES ☐ NO Within 100 meters of an Environmentally Sensitive Area
- ☐ YES ☐ NO Within 100 meters of any other unique or significant feature (e.g. springs, groundwater resources, steep slopes, coulee breaks, unique landscape feature, etc.)
- ☐ YES ☐ NO Adjacent to the Hand Hills Ecological Reserve

***If you answered yes above, please refer to the Guide to Completion of the Environmental Review to ensure appropriate measures have been applied.***

**Any project proposed within the Special Areas Restricted Development Areas or Special Areas Municipal Parks will not be approved.**

### 4.2 **Soils**

4.2.1 At the proposed project location, classify soils to the subgroup and series level.

4.2.2 At the proposed project location, identify the depth and texture of the topsoil and subsoil.

4.2.3 At the proposed project location, describe any problem soils encountered.

- ☐ Attach a map or diagram which shows the location of soil inspections, landscape features, and other relevant soils information in relation to the project boundaries.

## 4.3 Vegetation

- 4.3.1 Identify the principal plant communities and species within the proposed project location.

- 4.3.2 Is the proposed project located within a fescue grassland plant community?

- ☐ Yes  
☐ No

**If any part of the proposed project will impact rough fescue plant communities, a detailed description of mitigation activities to effectively reduce impacts to the plant community is required in Section 6.**

- 4.3.3 Is the proposed project location within an area of native vegetation (i.e. native grassland, wetland, etc.)?

- ☐ Yes  
☐ No

**If Yes, a rare plant survey is required within the proposed project footprint. The project footprint must be selected to not contain populations of ACIMS tracked plants.**

4.3.4 Is the proposed project located within a Endangered or Threatened Plant Range?

- ☐ Yes  
☐ No

**If Yes, a rare plant survey is required which includes the area of the project footprint plus a buffer of 300 meters is required**

**The project must be located to meet the required setbacks from endangered and threatened plants.**

4.3.5 Within the proposed project location, are any weeds listed under the Alberta Weed Control Act located within the development and/or surrounding area?

- ☐ Yes  
☐ No

**If Yes, a detailed description of mitigation activities to prevent weed infestation of the proposed project at all stages is required in Section 6.**

☐ Attach a map(s) which shows the following:

- vegetation communities within the project footprint
- locations of identified *threatened* or *endangered* plants and/or ACIMS tracked plants shown in relation to the project footprint (if applicable)
- locations and degree of infestation of the regulated weed species (if applicable)



## 4.4 Wildlife

4.4.1 Is the proposed project located within any of the following ranges?

- ☐ YES ☐ NO Sensitive Raptor Range
- ☐ YES ☐ NO Sharp-tailed Grouse Range
- ☐ YES ☐ NO Sensitive Amphibian Range
- ☐ YES ☐ NO Burrowing Owl Range
- ☐ YES ☐ NO Sensitive Snake Range
- ☐ YES ☐ NO Ord's Kangaroo Rat Range
- ☐ YES ☐ NO Piping Plover Range
- ☐ YES ☐ NO Colonial Nesting Bird Range

4.4.2 Using *the Fisheries and Wildlife Management Information System (FWMIS)* and other relevant sources, have any of the above wildlife species been reported within the area of the proposed project?

- ☐ Yes
- ☐ No

**A wildlife survey must be completed for each species either with identified range and/or with a previous FWMIS occurrence as identified above.**

**The appropriate setback distance from species-at-risk habitat features (nests, dens, leks, hibernacula, overwintering & breeding habitat, etc.) for the level of project impact must be maintained.**

4.4.3 If the proposed project is located within habitat suitable for any migratory bird species, will any part of the project activities be planned to occur in the season when migratory birds are active?

- ☐ Yes
- ☐ No

**If Yes, a migratory bird nest sweep within 100 meters from the activity location must be within 7 days prior to project commencement within the migratory bird nesting period.**

**If a nest is found during the sweep, approval to commence activities must be obtained from an AEP Wildlife Biologist.**

- ☐ Attach a map which identifies locations of habitat features found (if applicable) in relation to the project footprint
- ☐ N/A

## 4.5 Wetlands and Waterbodies

4.5.1 Is a Water Act Approval required for any work related to the project location or project activities?

- ☐ Yes  
☐ No

4.5.2 Is the proposed project boundary located outside of the following setbacks:

☐ YES ☐ NO **45 meters** from bank of seasonal (S&K Class III) marshes or shallow open waterbodies? (or **15 meters** for pipeline or vehicle crossings)

☐ YES ☐ NO **100 meters** from the bank of semi-permanent (S&K Class IV) marshes and shallow open waterbodies and/or permanent (S&K Class V) shallow open waterbodies?

**If the project is in a location that cannot meet the above policy, identify activities within the proposed project location which could cause negative impacts to the proximal wetlands. A detailed description of mitigation activities is required in Section 6.**

**Special Areas Policy 06-02 prohibits the placement of well center within 100 meters of seasonal, semi-permanent and permanent (Class III-V) marshes and/or shallow open waterbodies.**

## 5 Cultural & Historical Resources

5.1 Identify the Historical Resource Value (HRV) of the proposed project location?

- ☐ Not Listed
- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5

**If the proposed project location has an HRV between 1 and 5, a *Historical Resources Act* Approval must be obtained.**

5.2 Is the proposed project located within Wildlife Management Unit (WMU) 200?

- ☐ Yes
- ☐ No

***Projects located within WMU 200 may require First Nations Consultation. Projects located within WMU 200 require project applicants to contact Alberta Municipal Affairs (Corporate Planning and Policy) to determine if consultation is required.***

**Disposition applications for project located within WMU 200 must have a no consultation required letter or consultation adequacy letter issued by Municipal Affairs (Corporate Planning and Policy).**

## **6 Project Development & Mitigation Activities**

- 6.1 Describe the potential impacts of the proposed project as outlined in sections 2 & 4.  
Consider the potential impacts of each project phase.

- 6.2 Describe the specific measures that will be taken to avoid, reduce, or mitigate the identified potential impacts.

6.3 Describe the construction plan including methods chosen to reduce impacts.

6.4 Describe how disturbed areas will be reclaimed. Provide specific details for scheduling, erosion control methods, seeding (seed mixes, seed source and quality, seeding methods and rates), fencing, weed control, monitoring and follow up measures

## **7 Photographs**

Attach any applicable photographs, ensuring photographs are properly labelled.