

2.0 Environmental Information

2.1 Land Use

2.1.1 List and describe all current activities and land uses located at or within the quarter section of the proposed development location.

2.1.2 Will the proposed development impact or conflict with any current land uses? Outline mitigation plan if applicable.

2.1.3 List and describe previous disturbances at or within the quarter section of the proposed development location.

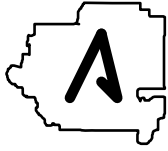
2.1.4 Can the proposed development be integrated with surrounding disturbances to minimize the project impact? Explain.

**2.1.5 Is the proposed development located at or within 1000 m of the following?
Government Road Allowance (within 100 m)**

Restricted Development Area

Red Deer River Corridor (within 150 m)

Environmentally Significant Area



Provincial or Municipal Park

2.2 Soils and Landscape

2.2.1 Landscape

Identify and describe the landscape characteristics at the proposed development location.

Identify and describe any eroded or bare areas at the proposed development location?

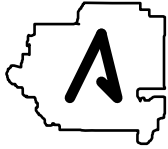
Are there any significant topographical features at or within 300 m of the proposed development location? Describe.

2.2.2 Soils

Classify soils to the subgroup level and series level at the proposed development location.

Identify the depth and texture of the topsoil and subsoil at the proposed development location.

Identify any problem soils at the proposed development location. Outline mitigation plan if applicable.



2.3 Vegetation

Identify the dominant vegetation at and within 300 m of the proposed development location.

Identify the dominant species composition at and within 300 m of the proposed development location.

Is the proposed development within a fescue grassland plant community?

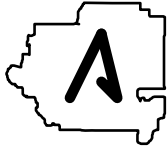
Yes, describe mitigation plan

No

Are any weeds, invasive plants or agronomic plant species located on or within 300 m of the proposed development location? Outline degree of infestation.

Describe any bare patches or areas of poor vegetation growth located on or within 300 m of the proposed development location?

Are any rare plants located on or within 300 m of the proposed development location? Describe conflict and proposed mitigation.



2.4 Fish and Wildlife

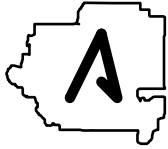
List the fish and wildlife species that are found or may be found at or within 500 m of the proposed development location for work on disturbed landscapes and within 1000 m of the proposed development location for work on native range.

Identify and describe the fish and wildlife habitat features that are found at or within 500 m of the proposed development location for work on disturbed landscapes and within 1000 m of the proposed development location for work on native range.

Are there any access or timing restrictions for the proposed development location? Explain.

2.5 Species at Risk

Are any species at risk located or potentially located on or within 500 m of the proposed development location for work on disturbed landscapes and within 1000 m of the proposed development location for work on native range? Outline status and describe conflict and proposed mitigation.



2.6 Wetlands and Water Bodies

Is the proposed development located within 100 m of the following features:

- river, stream, creek, lake or wetland,
- ephemeral draw, dry creek bed or dry wetland,
- man made waterbody,
- floodplain (1-in-100-year), or
- Ducks Unlimited Canada wetland.

Will any work be conducted within a water body or wetland, or will any water bodies be crossed?

Note SAB Policy 06-02: Access for Seismic Drill Lines and Well Site Development Near Water Bodies within the Special Areas under the Special Areas Disposition Regulation, prohibits wellsite establishment within 100 m of the historical water lines of named water bodies within the Special Areas. This policy is available at <http://www.specialareas.ab.ca/>.

No

Yes

Has a *Water Act* approval or licence been issued for the purposes of the proposed development?

No

Yes. Explain reason for obtaining the authorization.

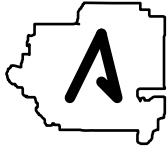
2.7 Cultural and Historical Resources

What is the Historical Resource Value (HRV) of the proposed development location?

Not Listed 1 2 3 4 5

If the HRV is between 1 and 5, has a *Historical Resources Act* Clearance been obtained from Alberta Culture and Community Spirit?

Yes



No, Explain.

3.0 Construction, Development and Reclamation

3.1 Construction

Outline the project description.

Describe the construction plan.

Describe the contingency plan for inclement weather or other reasons.

Is a water source required for construction?

No

Yes. Identify source location.

3.2 Project Development and Management

Outline project development and management should the proposed development remain in place following construction.

3.3 Final Reclamation

Describe the final reclamation plan.

4.0 Photographs

Include pre-disturbance photographs and a brief description of the photograph.