



Provincial Agricultural Land Commission - Staff Report

Application: 52220

Applicants: Canbriam Energy Inc, Talisman Energy Inc
Agent: Roy Northern Land Service Ltd.
Local Government: Peace River Regional District

Proposal: Transportation, Utility Corridor Use - Talisman and Canbriam Energy propose a 18 m x 23.7 km water pipeline ROW within the ALR. There will be associated temporary workspaces and log decks to allow for timber and soil storage during construction. The proposed project is to construct two water pipelines in the same ROW, one each for Talisman and Canbriam.

BACKGROUND INFORMATION

The purpose of the water pipeline is to transport water for fracturing formations containing petroleum hydrocarbons on lands for which Talisman and Canbriam have acquired mineral rights. The project will minimize environmental impacts by following an existing ROW.

PROPERTY INFORMATION

PID: 004-431-405
Legal Description: Block A District Lot 1255 Peace River District Except the Most Westerly 60 metres in Parallel Width Thereof
Property Area: 250.0 ha
Purchase Date: April 5, 1995
Location: North of Hudson's Hope
Owner:

PID: 014-775-255
Legal Description: District Lot 1252 Peace River District EXCEPT The South 80 feet and Plan PGP35612
Property Area: 130.0 ha
Purchase Date: October 1, 2010
Location: 25 Kilometres northwest of Hudson's Hope.
Owner:

PID: 014-920-867
Legal Description: The South 1/2 of District Lot 1215 Peace River District Except Plan 17222
Property Area: 130.0 ha
Purchase Date: February 15, 2005
Location:
Owner: James Vince

PID: 014-920-921
Legal Description: The North 1/2 of District Lot 1208 Peace River District
Property Area: 130.0 ha
Purchase Date: February 15, 2005
Location:
Owner:

PROPOSAL DETAILS

PROPERTY INFORMATION

PID: 015-012-034
Legal Description: Parcel A (R32032) of Distrit Lot 1220 Peace River District
Property Area: 130.0 ha
Purchase Date: September 29, 2004
Location:
Owner: Eagle-Eye Mountain Ltd

PID: 024-300-560
Legal Description: The North West 1/4 of District Lot 1215 Peace River District
Property Area: 65.0 ha
Purchase Date: September 29, 2004
Location:
Owner:

PID: 015-031-977
Legal Description: The South East 1/4 of District Lot 1227 Peace River District
Property Area: 65.0 ha
Purchase Date: August 28, 2003
Location:
Owner: David & Pamela Gunderson

PID: 015-031-969
Legal Description: The South West 1/4 of District Lot 1227 Peace River District
Property Area: 65.0 ha
Purchase Date: August 28, 2003
Location:
Owner:

PID: 025-360-370
Legal Description: District Lot 1264, Peace River District
Property Area: 260.0 ha
Purchase Date: March 18, 2002
Location: North of Hudson's Hope
Owner: Pieter Haagsman

PID: 017-461-669
Legal Description: Parcel A, District Lot 1252, Peace River District, Plan PGP35612
Property Area: 130.0 ha
Purchase Date: November 6, 2009
Location: North of the District of Hudson's Hope
Owner: Wild Horse Oilfield Services Ltd

PID: 012-609-862
Legal Description: The West 1/2 of District Lot 1244 Peace River District
Property Area: 130.0 ha
Purchase Date: April 5, 1995
Location:
Owner: Ridge View Ranch Ltd

PROPERTY INFORMATION

Legal Description: South West 1/4 District Lot 1203

Property Area: 65.0 ha

Location:

Owner: Province of British Columbia (Wood Lot)

Legal Description: North West 1/4 District Lot 1203

Property Area: 65.0 ha

Location:

Owner:

PID: 024-267-457

Legal Description: The South West 1/4 District Lot 1208 Peace River District

Property Area: 65.0 ha

Purchase Date: October 2, 1998

Location:

Owner: Ronald & Valerie Paice

PID: 014-913-712

Legal Description: Parcel A (R28068) District Lot 1232 Peace River District, Except Plan 18398

Property Area: 260.0 ha

Purchase Date: March 12, 1998

Location:

Owner: Robert & Terry Webster

PID: 014-898-845

Legal Description: Parcel A (P1961) of District Lot 1239 Peace River District

Property Area: 260.0 ha

Purchase Date: February 5, 1995

Location:

Owner: Ridge View Ranch Ltd

PID: 017-378-427

Legal Description: District Lot 1243 Peace River District

Property Area: 260.0 ha

Purchase Date: May 17, 2010

Location:

Owners: KPMG Inc, Shari Summer

Legal Description: Wood Lot W0279 - Within District Lot 1255

Property Area: 35.0 ha

Location:

Owner: Province of British Columbia (Wood Lot)

Total Land Area: 2,495.0 ha

LAND USE

Current Land Use:

Agricultural, residential

Surrounding Land Uses:

North: Agriculture / Forest Land
East: Agriculture / Forest Land / Pipeline ROW
South: Agriculture / Forest Land
West: Agriculture / Forest Land

PROPOSAL DETAILS

Non- Farm Use Area: 64.6 ha

Non- Farm Use Type: Transportation/Utilities: Water Distribution Systems

Agricultural Capability:

The majority of the area under application is rated as: Mixed Prime and Secondary

Source: CLI

Mapsheet: 94B/01

RELEVANT APPLICATIONS

Application ID: 52147

Applicant: Shell Canada Ltd

Proposal: Transportation, Utility Corridor Use - Shell Canada Ltd. proposes to construct a 49 km, 10 inch diameter, below ground water pipeline to transport reclaimed water for oil and gas purposes. The total area of the project is 131.8 ha; 87.9 ha are for the pipeline right-of-way, 41.8 ha are for temporary workspaces and 2.1 ha associated with decking sites. .

Note: Application in process

Application ID: 51976

Applicant: Shell Canada Ltd

Proposal: To use 22.40 ha of portions of four adjoining quarter sections for a water storage facility (Sunset Water Hub). The purpose of the Sunset Water Hub is to store and distribute water for Shell's oil and gas activities in the area, such as: hydraulic fracturing of wells, drilling of wells, dust control and hydrostatic pressure testing of pipelines and equipment.

The project will be phased. A ~40,000 cubic meter pond is proposed to be constructed early in 2011, with an option to construct an additional three 20,000 cubic meter ponds within the 22 ha footprint at an unspecified future date.

Note: Application in progress

Application ID: 50690

Applicant: Shell Canada Ltd

Proposal: To use 5.9 ha of Crown Land located in the Sunset Prairie Grazing reserve for a water storage facility. Eventually the facility would consist of two 1 ha water storage pits and several associated buildings (total area approximately 350 sq m).

Decision:

Resolution #	Decision Date	Decision Description
1625/2009	November 18, 2009	Allowed subject to the clearing of an equivalent area of land in the community pasture in consultation with the community pasture manager.

ALC STAFF COMMENTS

It is recommended that the Commission consider the following:

- 1) Applications for water access and use required for the fracking process of shale gas extraction are likely to become more common with expansion of oil and gas activities in the province.
- 2) The predominant CLI ratings of the lands traversed by the water pipeline ROW are classes 3,4,5, and 6. Limiting subclasses include P (stoniness), T (topography), W (excess water), and M (soil moisture deficiency).
- 3) The pipeline will be constructed over a three month period, and therefore the affected lands within the ALR may not be used for farming during one growing season. Reclamation of land will occur simultaneously with water pipeline installation.
- 4) The project will minimize environmental impacts by following an existing ROW (Spectra).
- 5) The water pipeline will be buried at a depth of 3 meters and will not affected agricultural activities once the pipeline is installed.
- 6) Topsoil is to be preserved as outlined in the Talisman and Canbriam Stripping Recommendations (See attached).
- 7) Talisman and Canbriam have provided a project profile addressing agricultural concerns and impacts (See attached).
- 8) Consultation with landowners has taken place since May 2010. Negotiations with some landowners are ongoing under the Surface Rights Board process.

ATTACHMENTS

52220_Stripping Recommendations.pdf
52220_Airphoto.pdf
52220_Context Map.pdf
52220_Project Profile.pdf
52220_Proposal Sketch Canbriam.pdf
52220_Proposal Sketch Talisman.pdf

END OF REPORT

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