

Metadata for BRFN SURFACE LAND USE PY



Purpose

The BRFN SLU Data Layer (BRFN_SURFACE_LAND_USE_PY) is a derivative version of the BC Energy Regulator's Land Use dataset that is designed to be used as part of the Blueberry River First Nations Implementation Agreement. The BRFN SLU Data Layer captures existing oil and gas disturbance and is used for determining the New Disturbance area of applications.

Background

The BC Energy Regulator (BCER) is the single window regulatory agency with responsibilities for regulating oil and gas activities in British Columbia. Surface Land Use is a mechanism to measure surface disturbances caused by oil and gas activity and identify the type and land area attributed to historical and current oil and gas activities.

Northeast British Columbia is the location of the majority of oil and gas activity in BC. In this area the BCER has created a dataset that represents existing oil and gas disturbance and assigns the area to 1 of 5 oil and gas activity groups, Well/Facility, Roads, Pipelines, Associated and Ancillary (Other Related) Activities and Geophysical (Seismic).

Spatial data for activities submitted prior to July 2016, have been collected and processed to create a static SLU base datasets. The BRFN SLU Data Layer (BRFN_SURFACE_LAND_USE_PY) is updated separately from the Annual SLU dataset in coordination with the Blueberry River First Nation.

As per the Blueberry River First Nations Implementation Agreement "New Disturbance" means, subject to any and all limitations and exclusions provided for in this definition, all (and only) Oil and Gas Activity-related disturbance on Crown land outside of any permitted and existing PNG footprint as identified in the Surface Land Use (SLU) Data Layer, including restored wells with a certificate of restoration but excluding: (i) restoration activities; (ii) health and safety activities; (iii) environmental protection activities; (iv) electricity transmission and distribution line rights-of-way outside of Area 1 or inside Area 1 with the consent of BRFN; (v) new operational activities within existing oil and gas related disturbances or other permanent road structures (including, without limitation, new wells on existing pads and pipelines within established rights of way); and (vi) conversion of non-status roads to oil and gas roads, so long as such conversion does not include any new construction or road modification. Full guidance can be found [here](#).

Data Properties

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
OBJECTID		Object ID		
SHAPE		Geometry (Polygon)		
CODE_OG	Surface Land Use Code	Text	5	Code Values 1 to 6
CODE_DESC	Surface Land Use Code Description	Text	25	1 – Well Site Facility 3 – Road 4 – Pipeline 5 – Ancillary 6 – Geophysical
SLU_DATE	Surface Land Use Date	Date		Date Surface Land Use Dataset was generated

Renewal Triggers and Service Levels

1. To be determined

Downstream Applications

Web Application	Map Service
REST SERVICE	https://geoweb-ags.bc-er.ca/arcgis/rest/services/PROJECT/BRFN_SURFACE_LAND_USE_PY/MapServer/0

Use Limitations

This data is for representation purposes only. The BC Energy Regulator provides this data "as is" with the understanding that it is not guaranteed to be accurate, correct or complete and conclusions drawn from such information are the responsibility of the user. It carries no guarantee of any kind, express or implied.

Please review the [BCER Open Data License](#) for complete details.

References

¹ “BRFN Agreement – Rules for Oil and Gas Development”. Ministry of Energy, Mines and Low Carbon Initiative, 26 Jan.2023, https://www.bc-er.ca/files/documents/20230126_FINAL-PNG-Info-Bulletin-detailed-document.pdf.

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