



CanPacific's Project Albany

Proposed greenfield potash solution mine near Sedley, SK



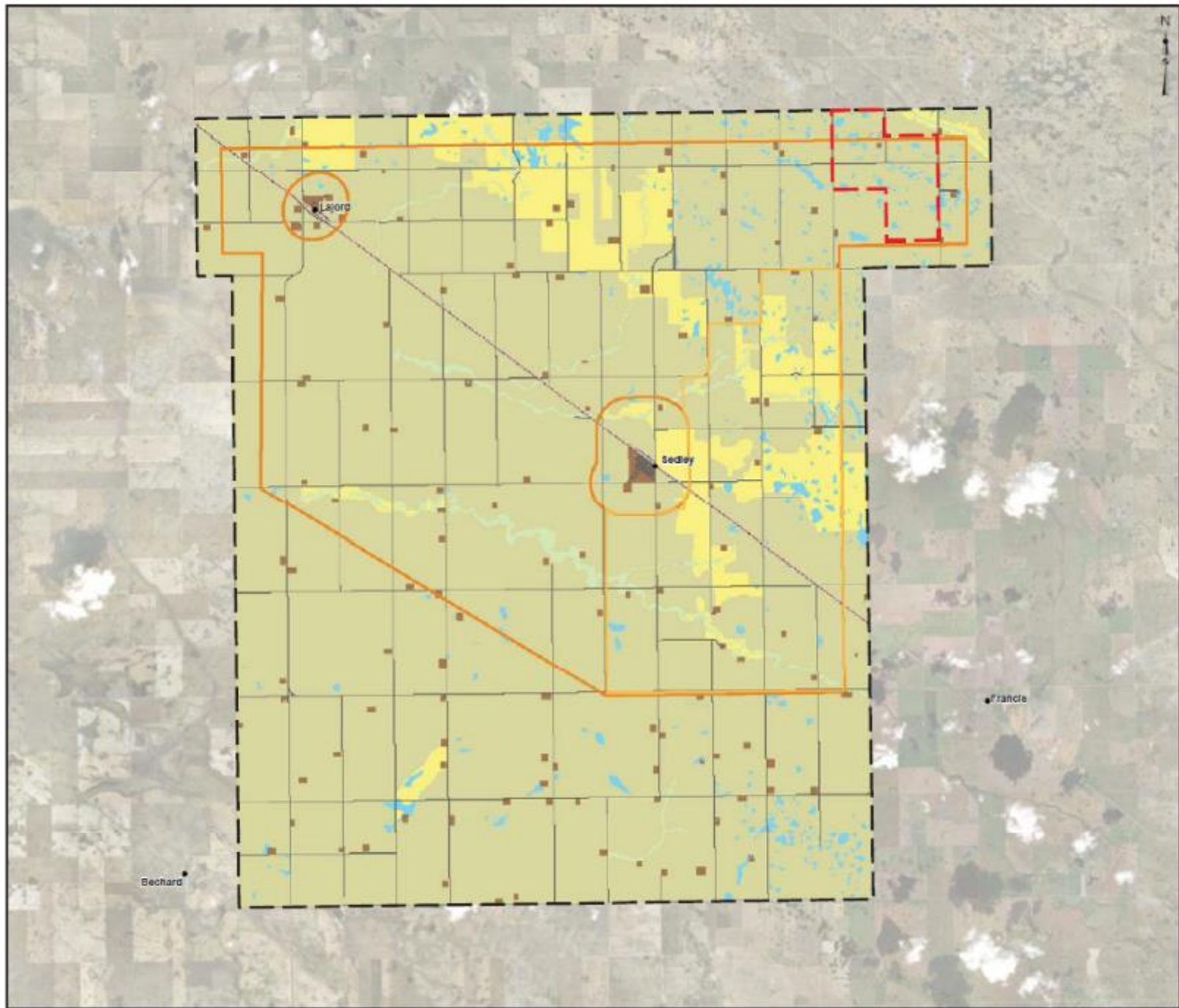
CanPacific's Project Albany

- Project Albany is a greenfield potash solution mine being proposed near Sedley, approximately 50 km SE of Regina.
- The proposed mine will include a plant site and a well field for potash extraction.
 - The plant site will include a processing plant, administration buildings, raw water and brine ponds, salt storage area, product storage, rail load-out, security and parking.
 - The mine well field will be developed in stages with four well pads being developed initially, followed by approximately one well pad every year of operation. Each well pad will include injection and recovery well heads, piping and valve stations.
 - Additional roadways and access roads will need to be constructed to support the plant site and well field.



Impacts to Grasslands and Wetlands

- ▶ The plant site will be constructed on cultivated quarters but will be in close proximity to native-grassland/native prairie and Wascana Creek.
- ▶ The well field includes a “20 year well field” and “ultimate well field”.
 - ▶ The majority of the “20 year well field” includes pasture quarters which are mainly native-dominant grasslands.
 - ▶ The “ultimate well field” includes additional pasture quarters many of which are also native-dominant grasslands.
- ▶ The project area includes:
 - ▶ ~4,394 ha of pasture/grassland
 - ▶ ~1,002 ha of wetland
 - ▶ ~802 ha of riparian



- LEGEND**
- COMMUNITY
 - PROPOSED PLANT SITE
 - KL 262
 - 30-YEAR WELL FIELD
 - ULTIMATE WELL FIELD
 - CROPLAND
 - FARMLAND/TOWN
 - PASTURELAND/GRASSLAND
 - RAILWAY
 - RIPARIAN
 - ROAD
 - WETLAND

NOTES

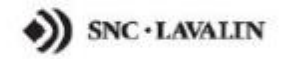
1. COORDINATE SYSTEM: NAD 83 UTM ZONE 18N
2. MAGERY (2016) - ESR AND ITS DATA SUPPLIERS

REFERENCE DRAWINGS

DWG No.	DESCRIPTION

REVISIONS

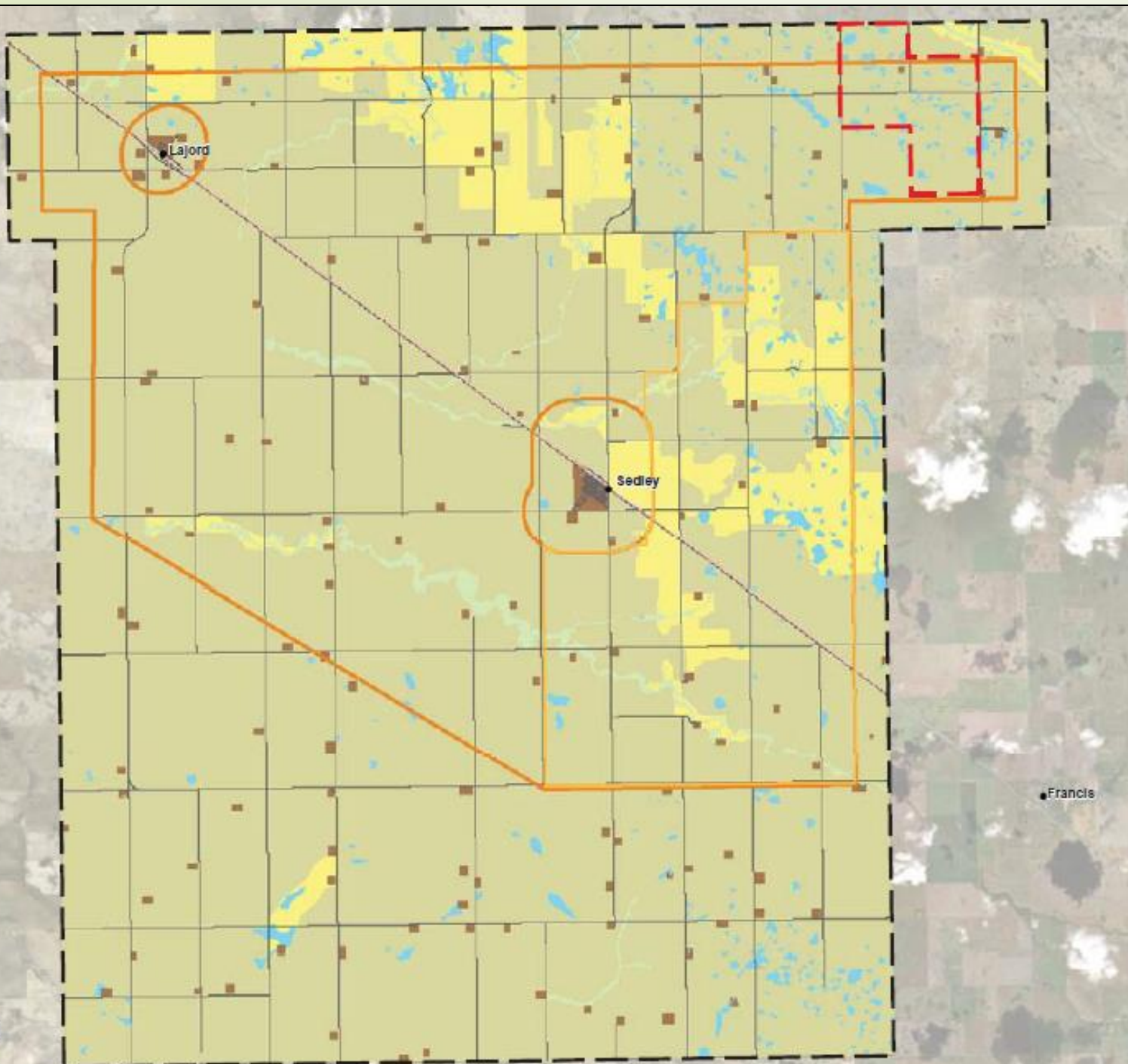
REV	DATE	DESCRIPTION	DES	DRN	APP
0	2018 05 04	ISSUED FOR CLIENT REVIEW	KH	WH	LM














CLIENT	PROJECT LOCATION
CANPACIFIC POTASH	ALBANY

TITLE
LAND USE WITHIN KL 262

DES BY	JM	DRN BY	WMLC	CHK BY	LM	DATE	2018 05 04
SIZE	11x17	FIG No.	3.1	DWG No.	64869-E-21-E-004	REV	0




LEGEND

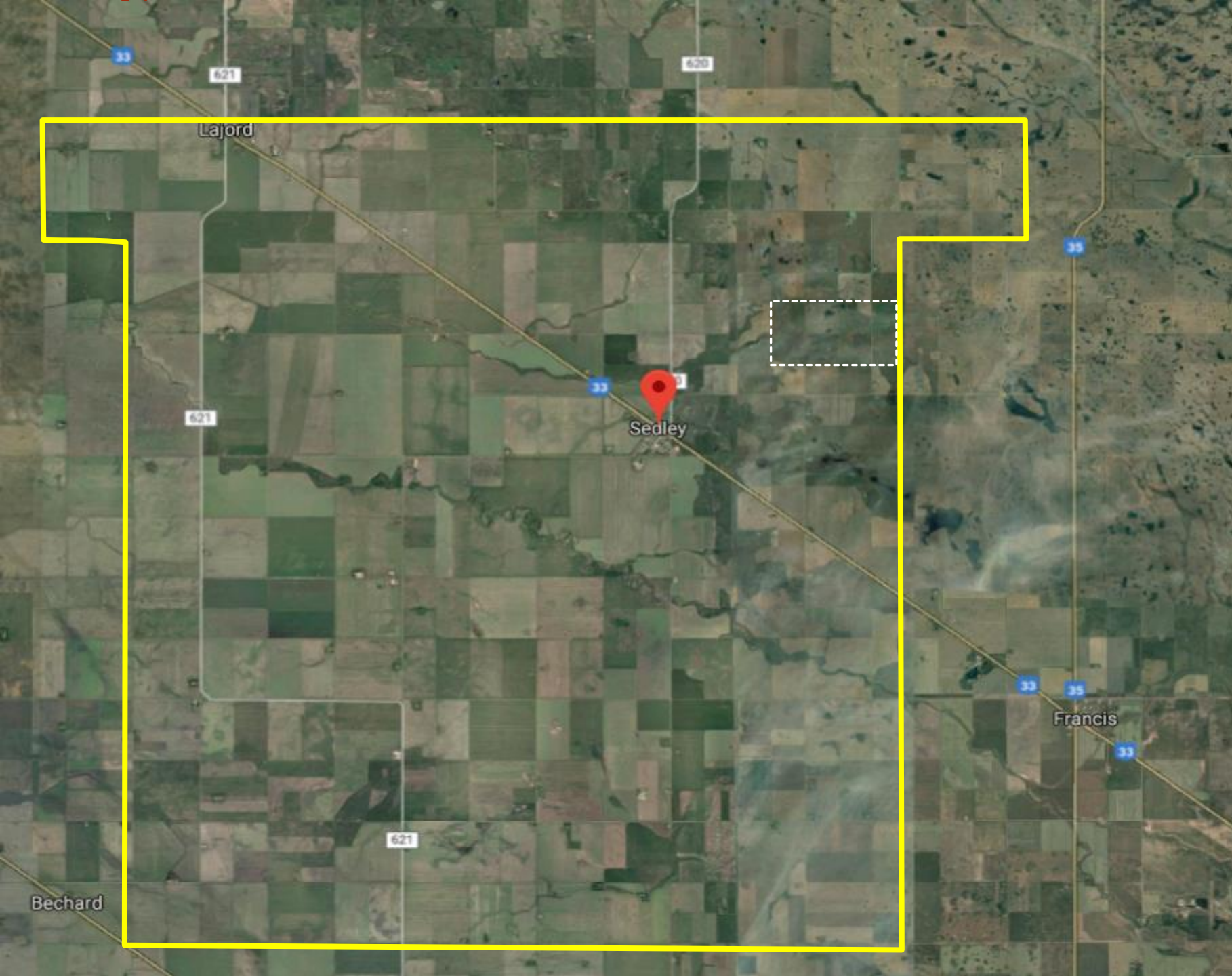
- COMMUNITY
-  PROPOSED PLANT SITE
-  KL 262
-  20-YEAR WELL FIELD
-  ULTIMATE WELL FIELD
-  CROPLAND
-  FARMSTEAD/TOWN
-  PASTURELAND/GRASSLAND
-  RAILWAY
-  RIPARIAN
-  ROAD
-  WETLAND

0 1,250 2,500 5,000
METRES

SCALE: 1:120,000

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CLIENT CANPACIFIC POTASH	PROJECT LOCATION ALBANY
TITLE LAND USE WITHIN KL 262	



Satellite Imagery of the Project Albany Project Area

Reference: Google Maps



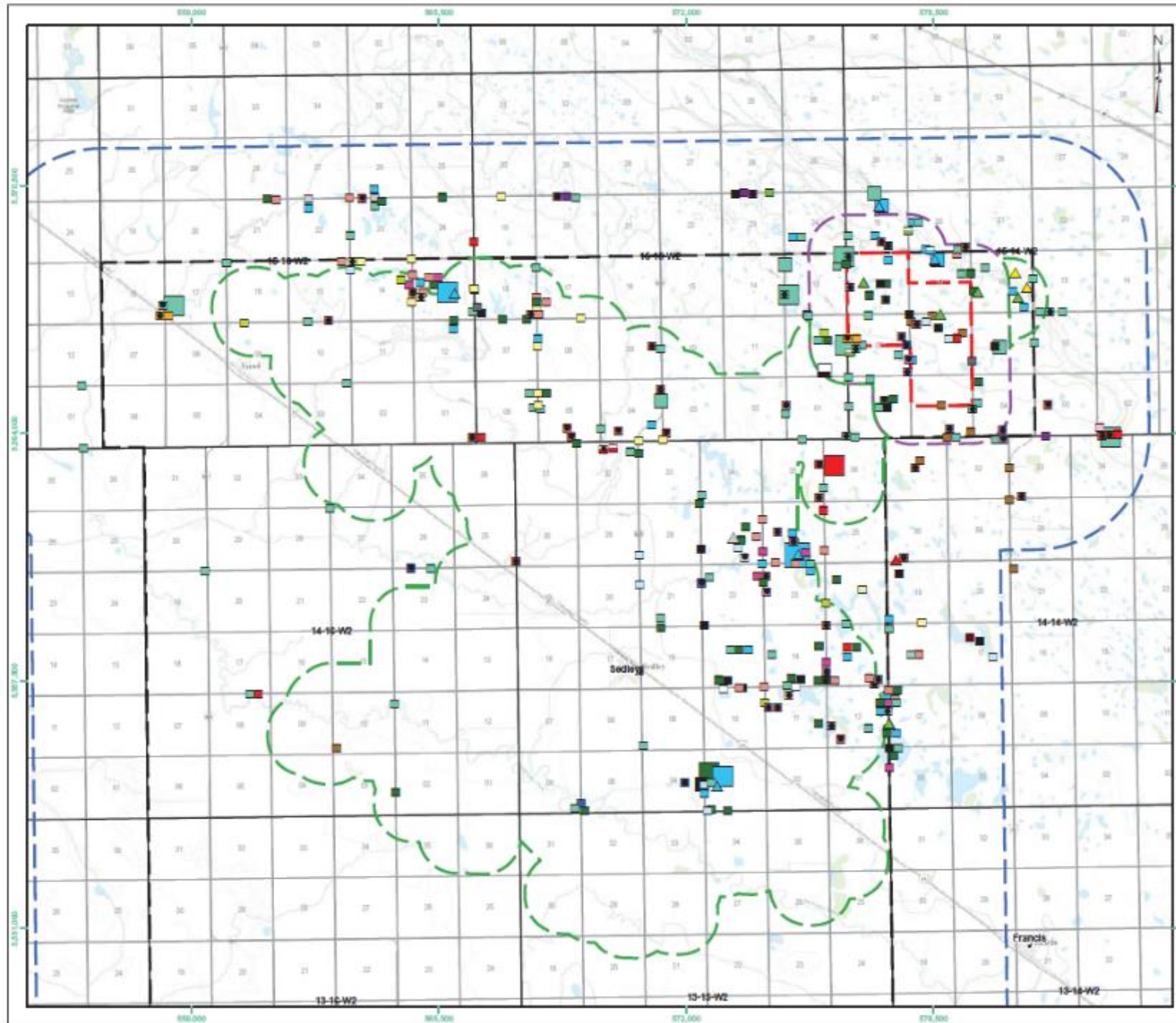
Satellite Imagery of a Portion of the Well Field

Reference: Google Maps



Biodiversity and Species of Conservation Concern within the Project Area

- ▶ A total of 146 wildlife species were detected:
 - ▶ 124 breeding bird species (migratory and non-migratory)
 - ▶ 17 mammal species
 - ▶ 4 amphibian species
 - ▶ 1 reptile species
- ▶ A total of 25 wildlife species of conservation concern (SOCC), including 14 species at risk (SAR) were detected:
 - ▶ 2 mammal species (American Badger and Pronghorn)
 - ▶ 2 amphibian species (Northern Leopard Frog and Tiger Salamander)
 - ▶ 21 bird species (e.g. Baird's sparrow, Ferruginous Hawk, Sprague's pipit, etc.)
- ▶ Breeding habitat and sensitive wildlife features (nests, leks, dens, etc.) were detected throughout the project area with the majority occurring on pasture quarters.



- POINT COUNT**
- 1 - 5 INDIVIDUALS
 - 6 - 10 INDIVIDUALS
 - 11 - 15 INDIVIDUALS
 - 16 - 20 INDIVIDUALS
- SPECIES OF CONSERVATION CONCERN**
- AMERICAN BADGER*
 - AMERICAN BITTERN
 - BARON'S SPARROW*
 - BANK SWALLOW*
 - BARN SWALLOW*
 - BLACK TERN
 - BOBOLINK*
 - BUFFLEHEAD
 - COOPER'S HAWK
 - DOUBLE-CRESTED CORMORANT
 - FERRUGINOUS HAWK
 - FRANKLIN'S GULL
 - GREAT BLUE HERON
 - HORNED GRESE*
 - LARK BUNTING
 - LOGGERHEAD SHRIKE*
 - LONG-BILLED CURLEW*
 - NORTHERN LEOPARD FROG*
 - PRAIRIE DOG
 - RED-NECKED PHALAROPE
 - SHARP-TAILED GROUSE
 - SHORT-EARED OWL*
 - SPRAGUE'S PINT*
 - TURKEY VULTURE
 - WESTERN TIGER SALAMANDER
- SENSITIVE WILDLIFE FEATURES**
- AMERICAN BADGER SETT*
 - COYOTE DEN
 - POTENTIAL SNAKE HIBERNACULA
 - RED FOX DEN
 - SHARP-TAILED GROUSE LEX
 - BANK SWALLOW NESTING COLONY
 - FERRUGINOUS HAWK NEST
 - BARN SWALLOW NESTING COLONY
 - HORNED GRESE NEST
 - LOGGERHEAD SHRIKE NEST
 - SHORT-EARED OWL NEST
 - TURKEY VULTURE NEST
 - RAPTOR NEST (TREE)
 - RAPTOR NEST (GROUND)
 - SHOREBIRD NEST
 - SONGBIRD NEST
 - WATERBIRD NEST
- WELL FIELD STUDY AREA**
- PLANT SITE STUDY AREA**
- PROPOSED PLANT SITE**
- REGIONAL STUDY AREA**
- IL 262**

NOTES

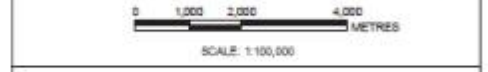
1. COORDINATE SYSTEM AND NAD 83 UTM ZONE 18N.
 2. SOURCE LAYER CREDITS: SOURCES: ERI, HERR, GAIMN, INTERMAP, INCREMENT P CORP., ORSCO, USGS, FAD, MPA, MRCAN, GLOBASE, USL, RADASTER NL, ORDNANCE SURVEY, ESR, JAPAN METI, ESRI, CHINA (XING HONG), SWISSTOPO, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.
 3. * DENOTES A SPECIES AT RISK.

REFERENCE DRAWINGS

DWG No.	DESCRIPTION

REVISIONS

REV	DATE	DESCRIPTION	DES	DRN	APP
0	2018 10 24	ISSUED FOR INFORMATION	WH	JM	LM



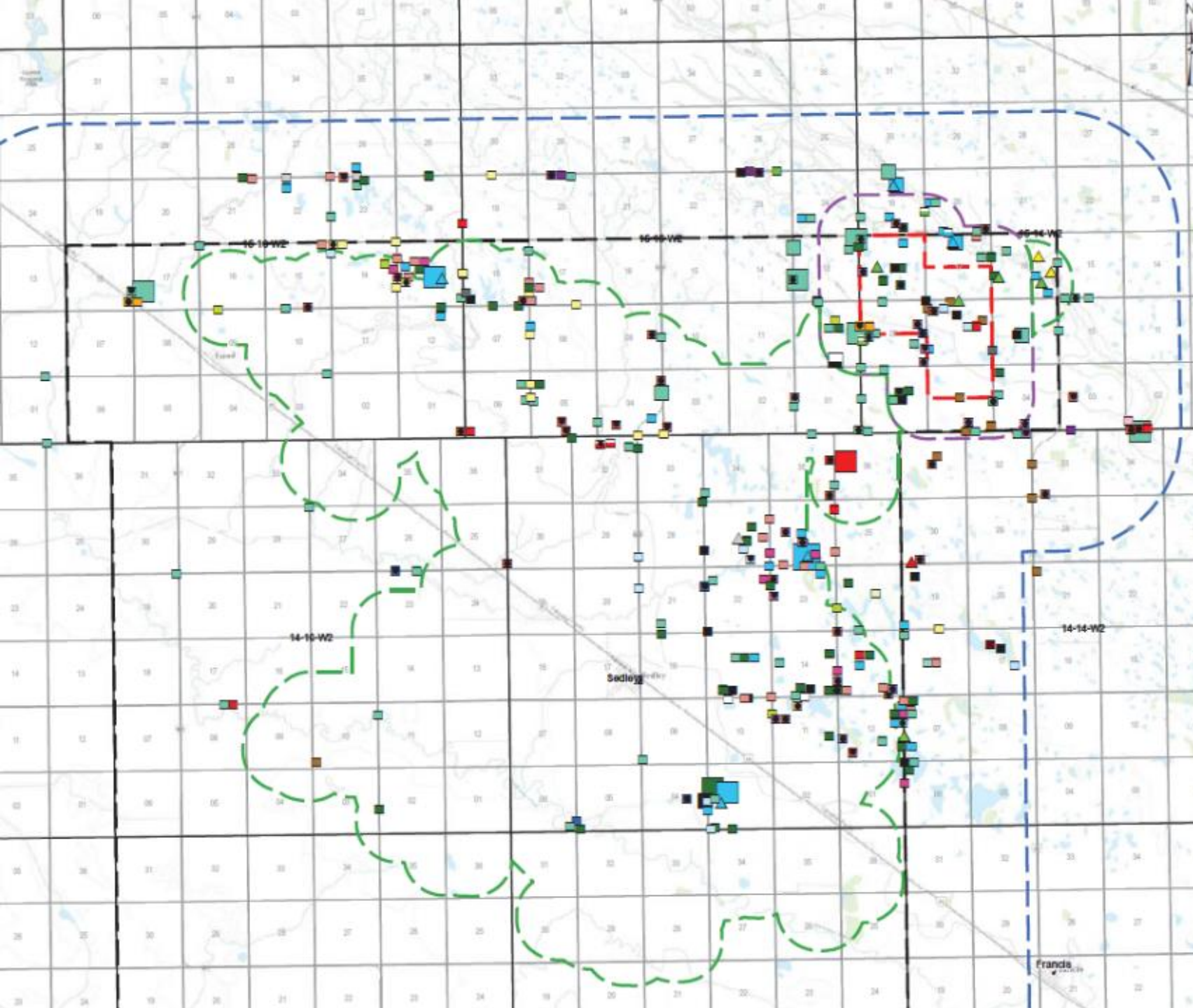
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CLIENT: CANPACIFIC POTASH PROJECT LOCATION: ALBANY

TITLE

2017 AND 2018 WILDLIFE SPECIES OF CONSERVATION CONCERN AND SENSITIVE WILDLIFE FEATURES DETECTED

DES BY: JM	DRN BY: WH	CHK BY: JM	DATE: 2018 10 23
SIZE: 11x17	FIG No: 3.3	DWG No: 648869-E-03-E-018	REV: 0



POINT COUNT

- 1 - 5 INDIVIDUALS
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- AMERICAN BITTERN
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- SHORT-EARED OWL NEST
- TURKEY VULTURE NEST
- RAPTOR NEST (TREE)
- RAPTOR NEST (GROUND)
- SHOREBIRD NEST
- SONGBIRD NEST
- WATERBIRD NEST

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- PLANT SITE STUDY AREA
- PROPOSED PLANT SITE
- REGIONAL STUDY AREA
- KL 262

0 1,000 2,000 4,000 METRES
SCALE: 1:100,000

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CLIENT	PROJECT LOCATION
CANPACIFIC POTASH	ALBANY

Species at Risk in the Project Area



Ferruginous Hawk

Species at Risk in the Project Area



Bobolink



Loggerhead Shrike

Sensitive Wildlife Features in the Project Area



Sharp-tailed Grouse lek



Coyote den



What can you do?

- The public comment period for Project Albany ends April 15, 2019.
- **Email the Environmental Assessment and Stewardship Branch and voice your concerns.**
 - **environmental.assessment@gov.sk.ca**
- No construction of any kind should occur on pasture/grassland quarters. These quarters should remain untouched for conservation.
- There are many road allowances through these private quarters and public roads which allow for public access and enjoyment. There are also two quarter sections of conservation lands belonging to the Saskatchewan Representative Area Network (RAN).