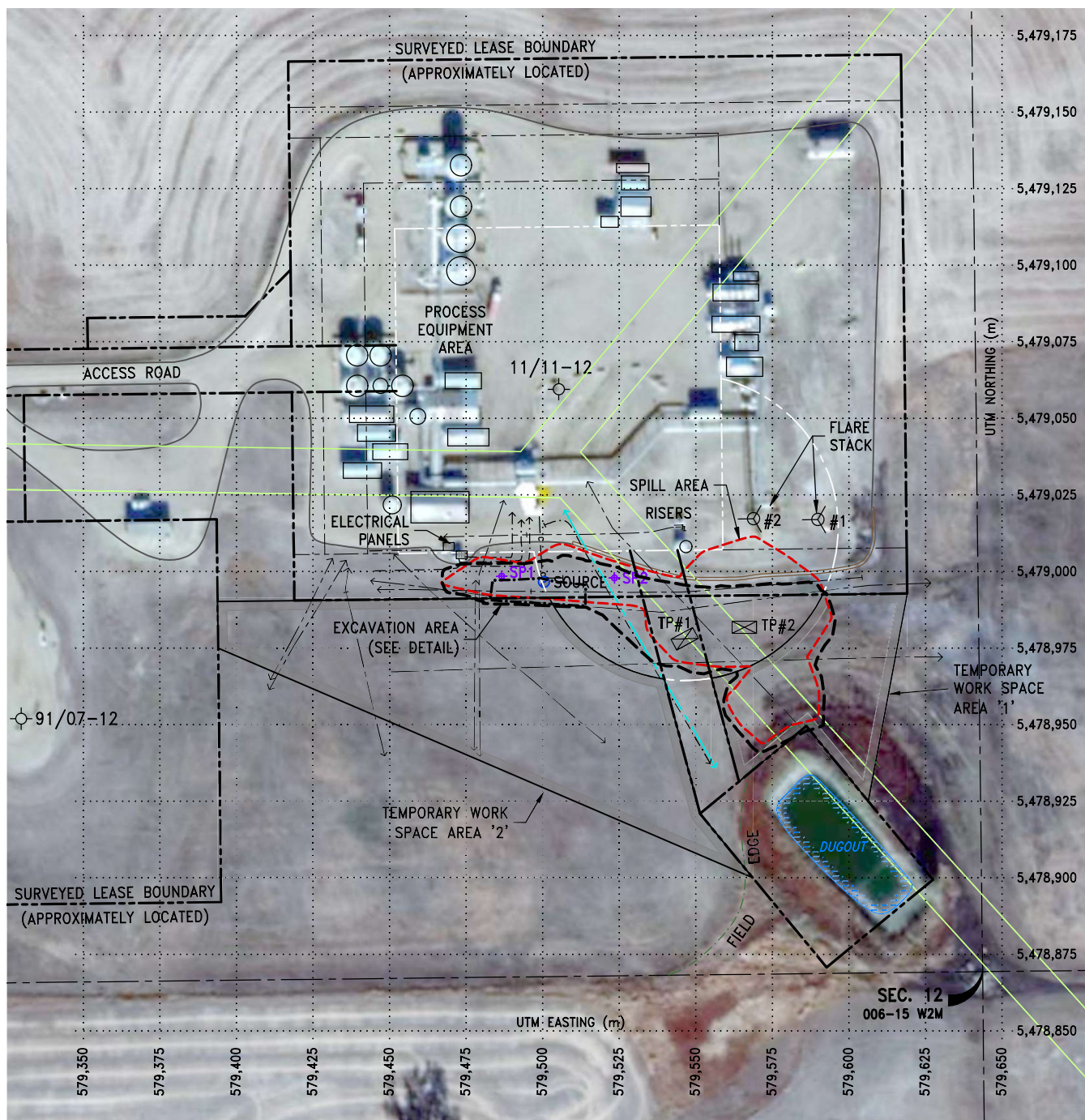


CLIENT:	Vermilion Energy Inc.
PRODUCTION FIELD:	Lougheed
SPILL SURFACE LOCATION:	11-12-006-15W2M
SPILL ORIGIN:	100/11-12-006-15W2M
SPILL RELEASE DATE:	May 1, 2021
FLUID TYPE:	Produced water
POTENTIAL WATER BODY RECEPTORS:	Class IV wetland/dugout 10 m south
CLIENT INCIDENT/EVENT REPORT:	Not Available
IRIS IDENTIFIER:	49349
WELL LICENCE #:	NA
FLOWLINE LICENCE #:	NA
BATTERY LICENCE #:	1712
SAMPLES COLLECTED:	Yes (Soil & Water)
PICTURES TAKEN:	Yes
LANDOWNERS:	Ruth & James Alexander
OCCUPANT:	NA
GPS COORDINATES:	49.458419 Lat, -103.902961 Long
SPILL AREA:	3,362 m²
% OFF LEASE:	22 %
EXCAVATION AREA:	3,553 m²
TOTAL FLUID LOST:	25 m³
TOTAL FLUID RECOVERED:	78 m³
HYDROVAC DISPOSAL TOTAL:	80 m³
LANDFILL TOTAL:	2,373.41 tonnes
BACKFILL TOTAL:	NA
PRODUCTION FIELD CONTACT:	Gaylord Roysum
LEAD OPERATOR:	Len Hutchings
SR. ENVIRONMENTAL COORDINATOR:	Robin Cole



AREA CALCULATIONS

SPILL AREA (TOTAL): MAY 2, 2021	AREA=	3,362.24 m ²
SPILL AREA: OFF-LEASE	AREA=	750.63 m ²
TEMPORARY WORK SPACE AREA '1'	AREA=	2,424.80 m ²
	AREA=	0.60 acres
TEMPORARY WORK SPACE AREA '2'	AREA=	6,712.27 m ²
	AREA=	1.66 acres

LEGEND

W/C	WELL CENTRE
---	SPILL BOUNDARY: 2021-05-02
●	WATER SAMPLE: 2021-05-03
+	SOIL SAMPLE: 2021-05-03
SP	- SPILL PATH
⊗	TEST PIT: 2021-05-03
—	BERM
■	ELECTRICAL PANELS
---	BURIED POWER/CABLE
-c-	CATHODIC
---	UNDERGROUND FLOWLINE
---	WATERLINE
---	PIPELINE ROW

NOTE:
THIS DRAWING WAS PRODUCED FROM SITE SURVEYS AND GOOD LANDS ENVIRONMENTAL INC. FIELD DATA. NO LIABILITY ACCEPTED FOR ERRORS OR OMISSIONS. ALL DATA SHOWN IS APPROXIMATELY LOCATED.

AERIAL PHOTOGRAPH DETAILS:
AIR PHOTO BASE MAP SOURCE: GOOGLE EARTH, OCTOBER 13, 2012. AERIAL DATA SHOWN IS FOR REPRESENTATIVE PURPOSES ONLY, AND NOT GEO-REFERENCED. FIELD VERIFICATION IS REQUIRED FOR ALL POTENTIAL HISTORICAL EQUIPMENT-PRODUCTION AREAS.

GPS COORDINATE SYSTEM:
UTM NAD 1983 DATUM - ZONE 13N

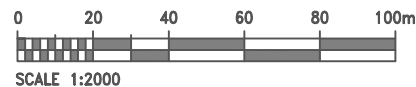


FIGURE: 1

LOUGHEED 11-12-006-15 W2M

SPILL SITE DIAGRAM