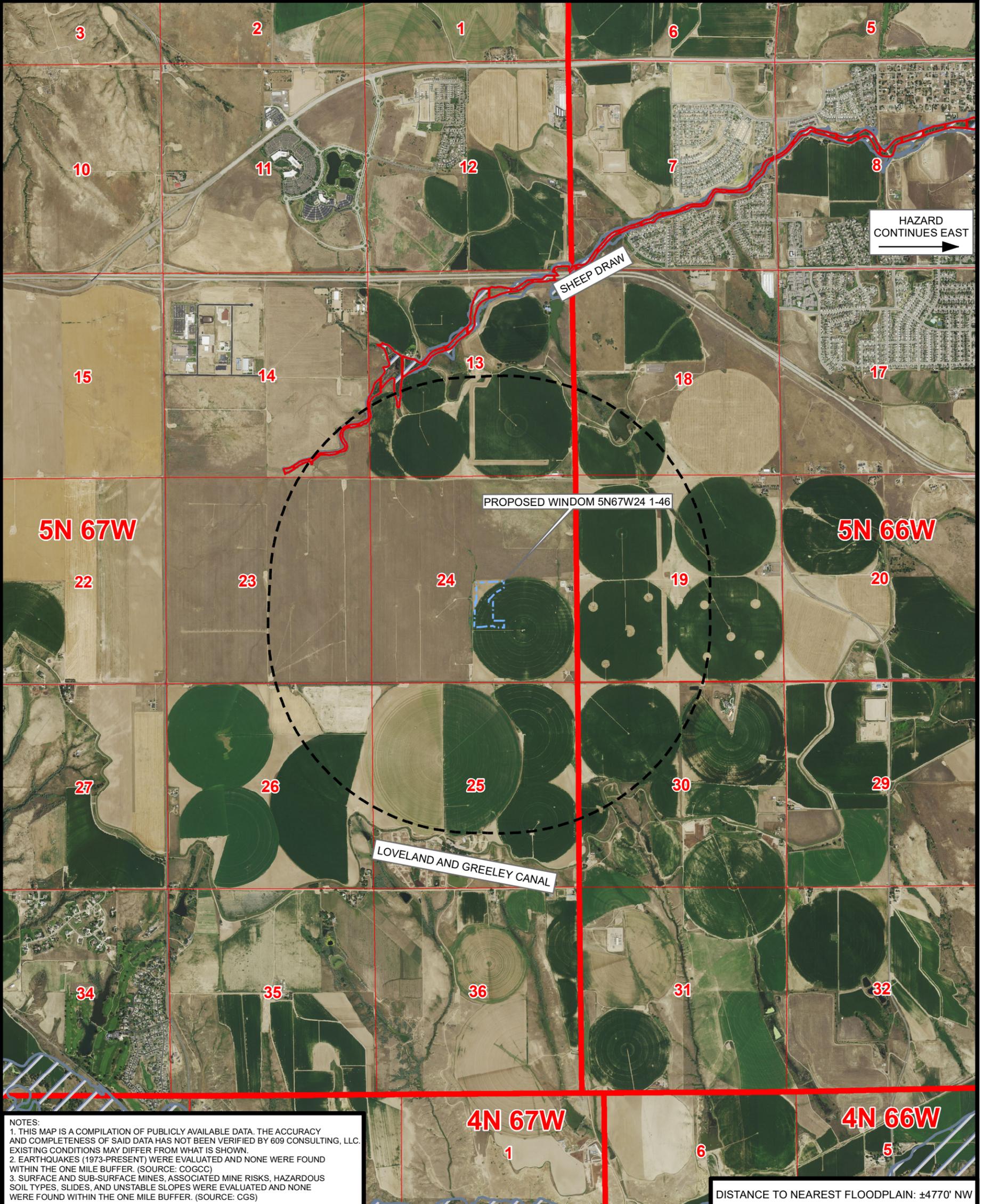


GEOLOGIC HAZARD MAP WINDOM 5N67W24 1-46

SECTION 24, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., WELD COUNTY, COLORADO



HAZARD CONTINUES EAST

PROPOSED WINDOM 5N67W24 1-46

LOVELAND AND GREELEY CANAL

DISTANCE TO NEAREST FLOODPLAIN: ±4770' NW

NOTES:
 1. THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.
 2. EARTHQUAKES (1973-PRESENT) WERE EVALUATED AND NONE WERE FOUND WITHIN THE ONE MILE BUFFER. (SOURCE: COGCC)
 3. SURFACE AND SUB-SURFACE MINES, ASSOCIATED MINE RISKS, HAZARDOUS SOIL TYPES, SLIDES, AND UNSTABLE SLOPES WERE EVALUATED AND NONE WERE FOUND WITHIN THE ONE MILE BUFFER. (SOURCE: CGS)

Legend

- PROPOSED WORKING PAD SURFACE
- ONE MILE BUFFER - WORKING PAD SURFACE
- 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) (SOURCE: FEMA)
- 100-YEAR FLOODWAY (PRELIMINARY, 2020) (SOURCE: FEMA)
- RADIOACTIVITY (SOURCE: CGS)
- EARTHQUAKES (1973-PRESENT) (SOURCE: CGS)
- CGS LANDSLIDES (SOURCE: CGS)
- COAL MINES SUBSIDENCE HAZARD (SOURCE: CGS)
- LOW
- MODERATE
- SEVERE

CGS
 RADIOACTIVITY: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=c5381e1335284d63bfa5d4b018b3372f>
 EARTHQUAKES: <https://cgsarcimage.mines.edu/ON-001/>
 LANDSLIDES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=9dd73db7bc34139abe51599396e2648>
 COAL MINES: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=1891e3149eda44af9dc8af81c4dc58a8>
 COGCC
 GIS ONLINE: https://cogccmap.state.co.us/cogcc_gis_online/
 FEMA
 FLOOD ZONES: <https://msc.fema.gov/portal/advanceSearch>



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 1095 Saberton Avenue
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NAD83 CO-Nft
 1" = 2,500ft
 0 1,250 2,500

Drawn by: BB Date: 5 Nov 2021
 Revised: AK Date: 15 Mar 2023

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I certify that I am a Professional Geologist, having met the educational requirements and professional work experience required by C.R.S. 23-41-208(b). I have reviewed information pertaining to this Oil and Gas Location and the surrounding area, and have identified no Geologic Hazards within a one mile radius.

A handwritten signature in blue ink, appearing to read "Tony Williams", is written over a solid horizontal line.

Tony Williams
Senior Development Geologist
PDC Energy Inc.