



Appendices

Appendix 2 – Corral Fly - Recycling Containment Figures and Maps

OSE Well Locations

Figure 1a

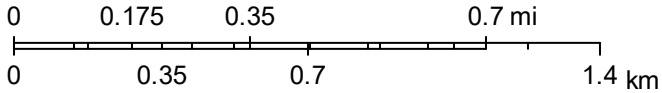


October 9, 2017

OSE_POds

- Active
- OSE District Boundary

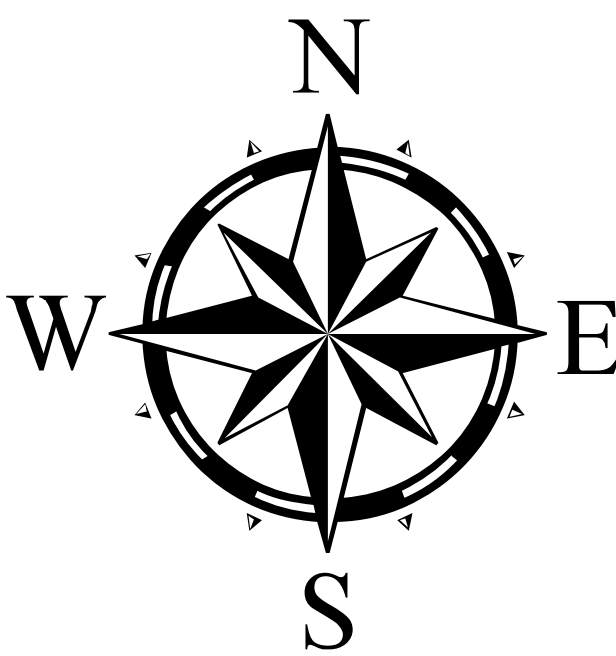
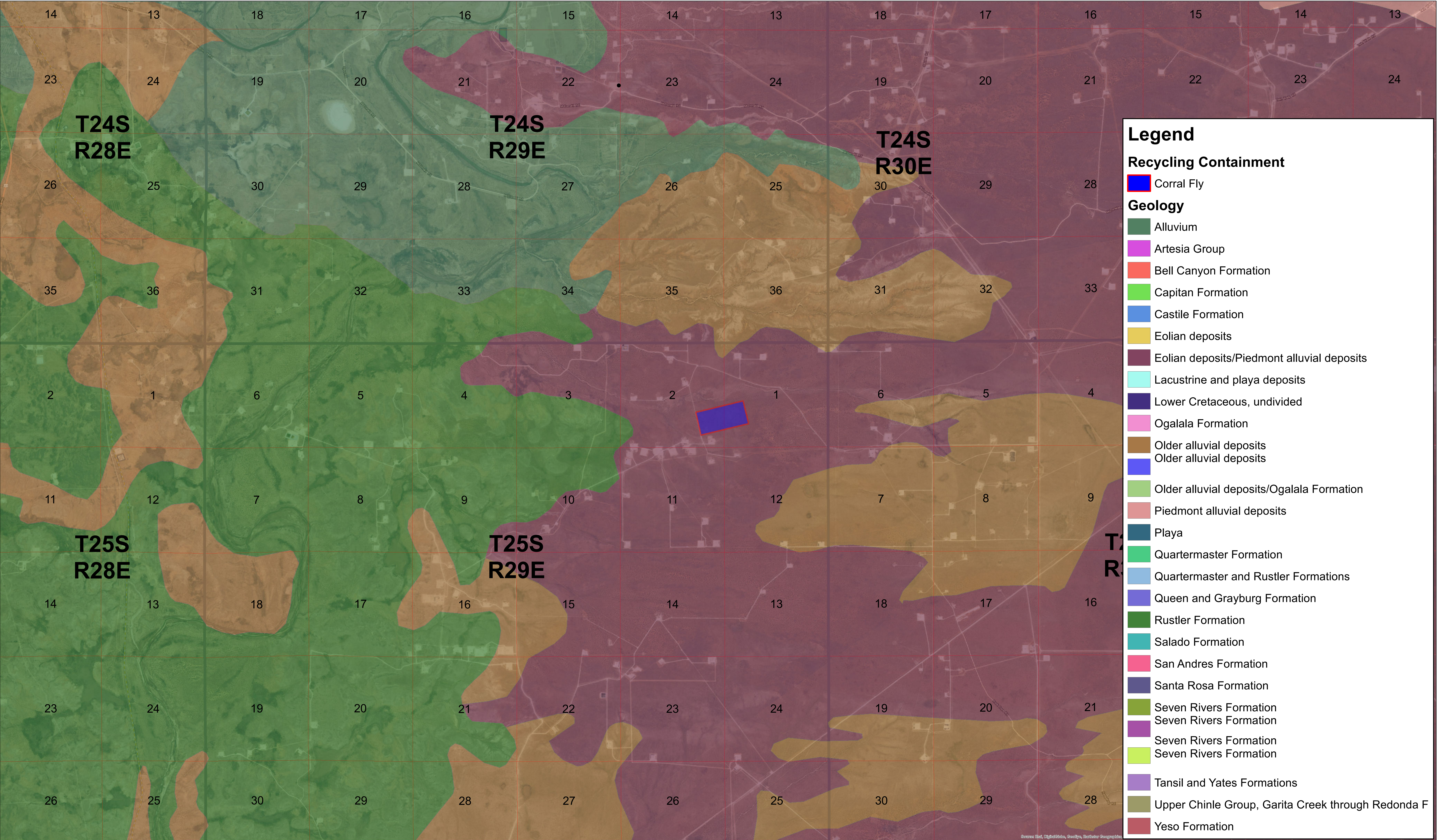
1:18,056



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Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors,
and the GIS user community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

Geologic Map

Figure 1a.1



Data obtained from BLM

1:25,000

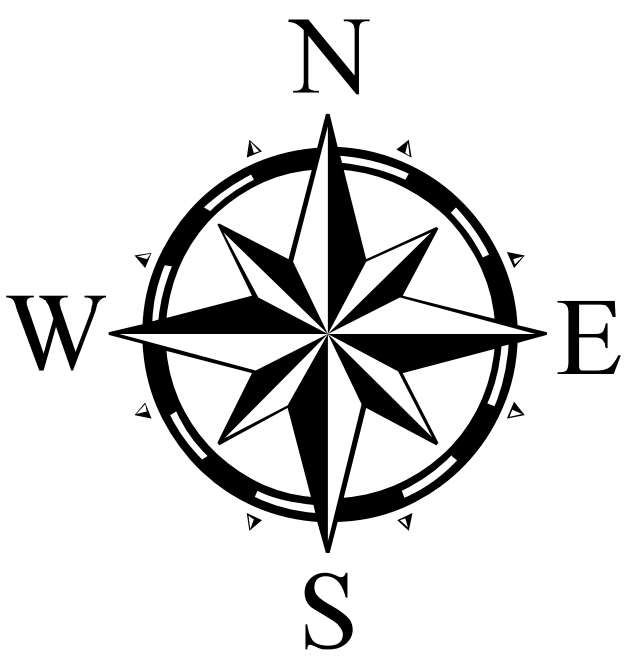
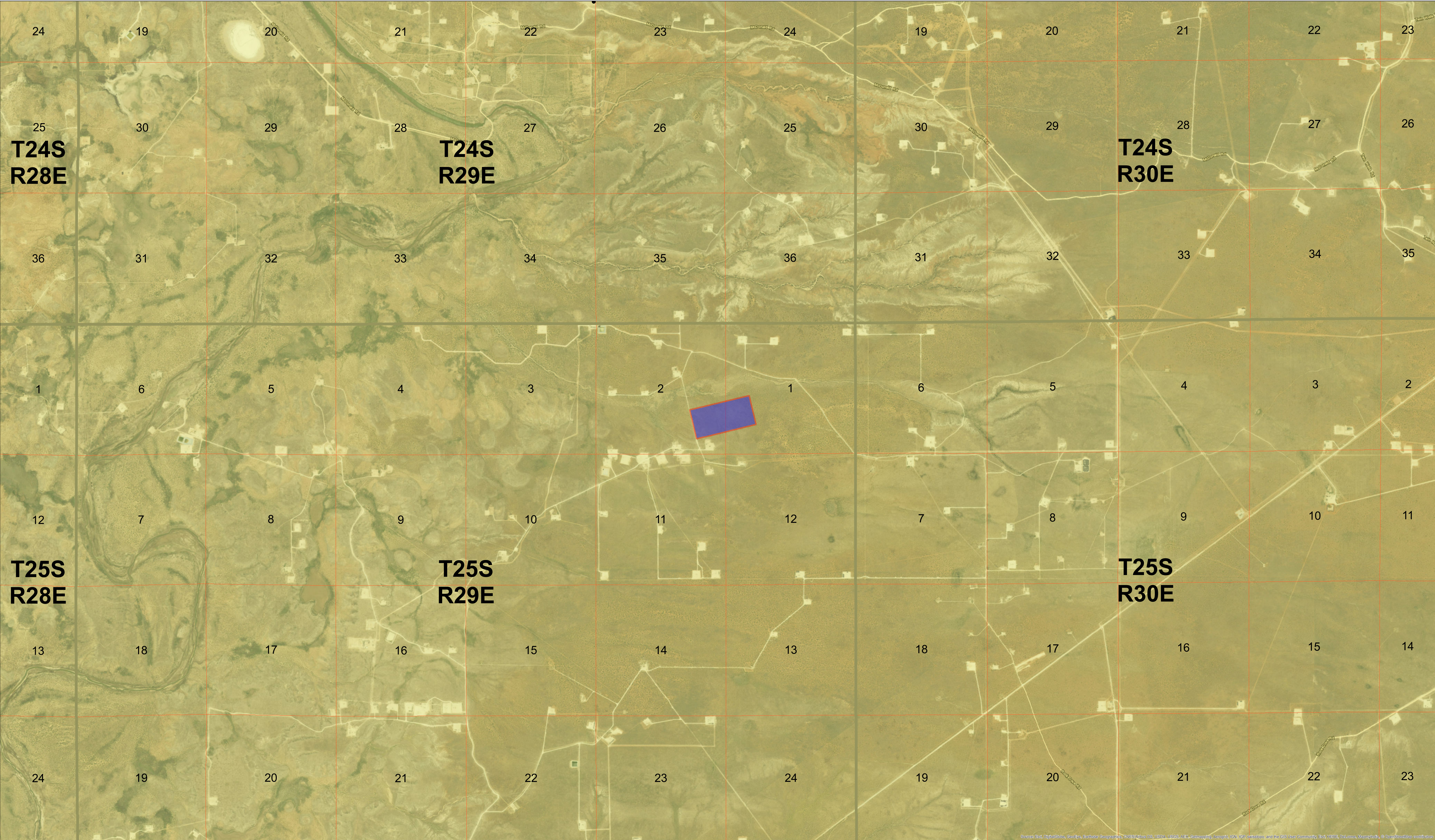
Date: 10/9/2017



Author: Dylan Allen

Aquifer Sensitivity - New Mexico Environment Department

Figure 1b



Data from NMED - Aquifer sensitivity maps prepared for NMED by Lee Wilson and Associates in 1989 have been digitized and are a data layer available on the NMED GIS webmap.
1:20,000

Depth to Ground Water/TDS (mg/L)	2,000 or less	2,000 to 10,000	greater than 10,000
less than 100 feet	highly sensitive	moderately sensitive	moderately sensitive
100-300 feet	moderately sensitive	moderately sensitive	less sensitive
greater than 300 feet	less sensitive	less sensitive	less sensitive

Recycling Containment Date: 10/9/2017

Corral Fly

Aquifer Sensitivity

Moderately Sensitive

Less Sensitive

Highly Sensitive



Author: Dylan Allen

Active Mines in New Mexico

Figure 1c

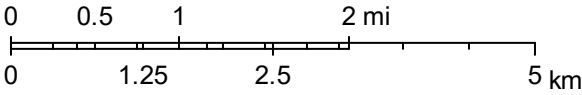


October 9, 2017

Active Mines, registered

 Salt

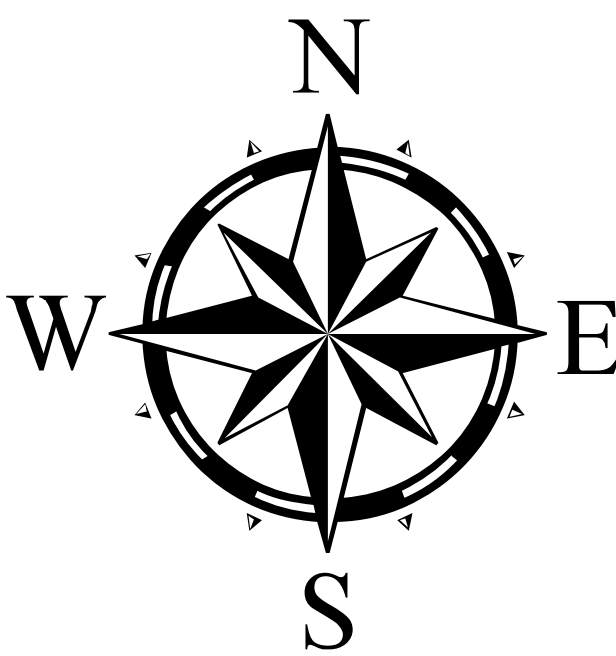
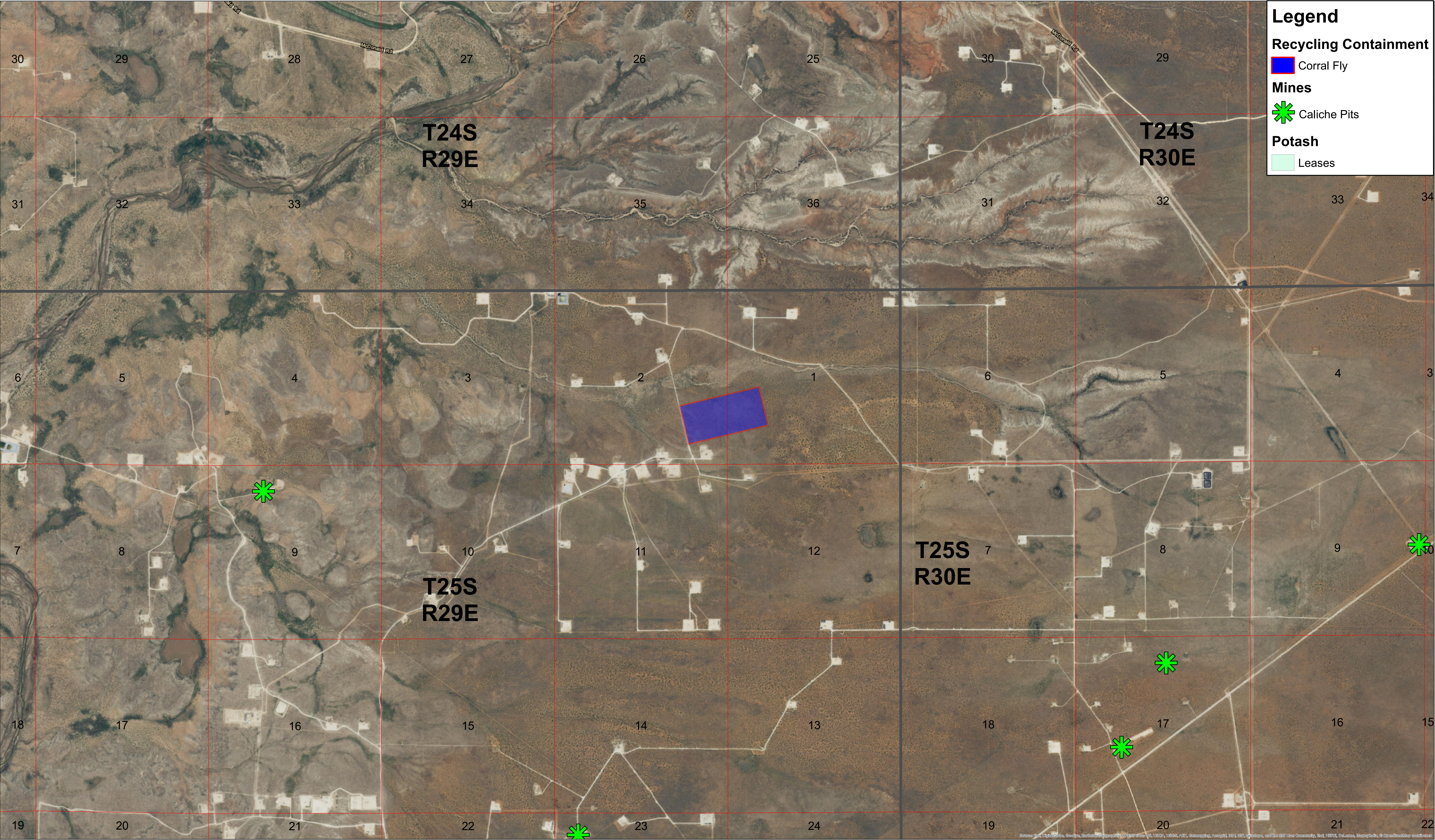
1:72,224



Sources: Esri, DeLorme, USGS, NPS
Sources: Esri, USGS, NOAA

Potash Leases and Caliche Pits

Figure 1d



Layers obtained from the BLM

1:15,000

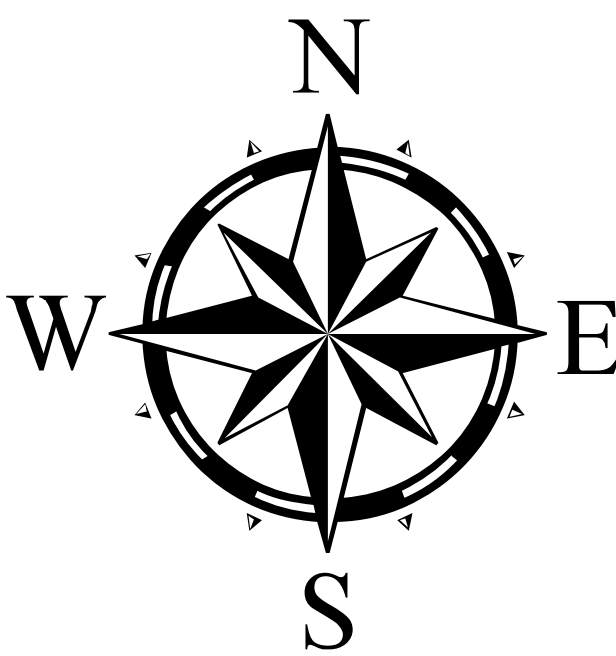
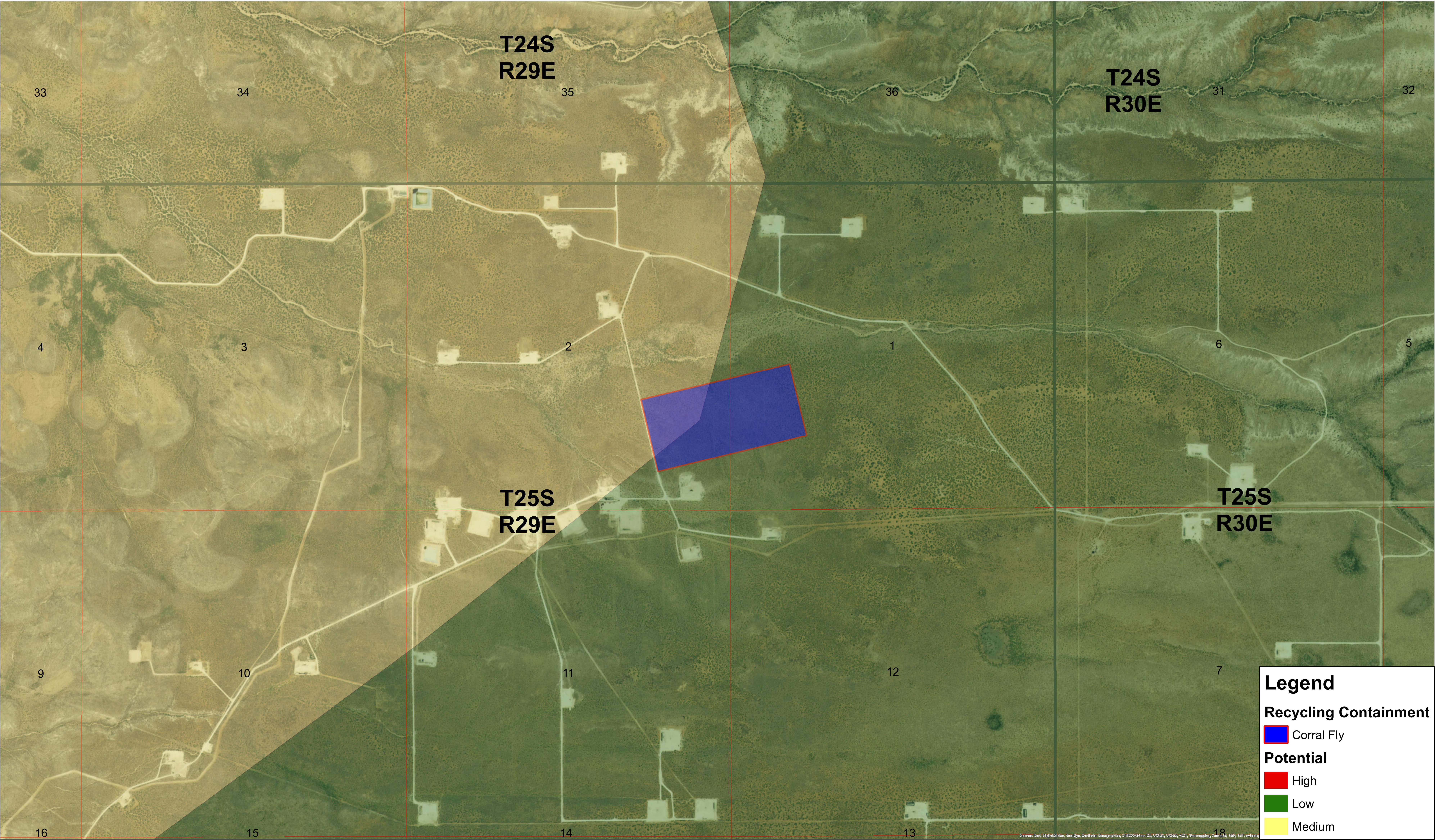
Date: 10/9/2017



Author: Dylan Allen

Karst Potential

Figure 1f



Layers obtained from the BLM

1:8,000

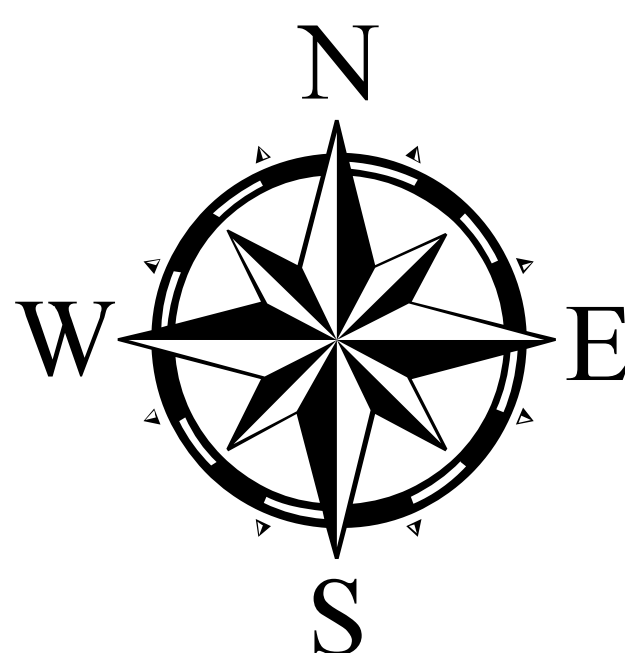
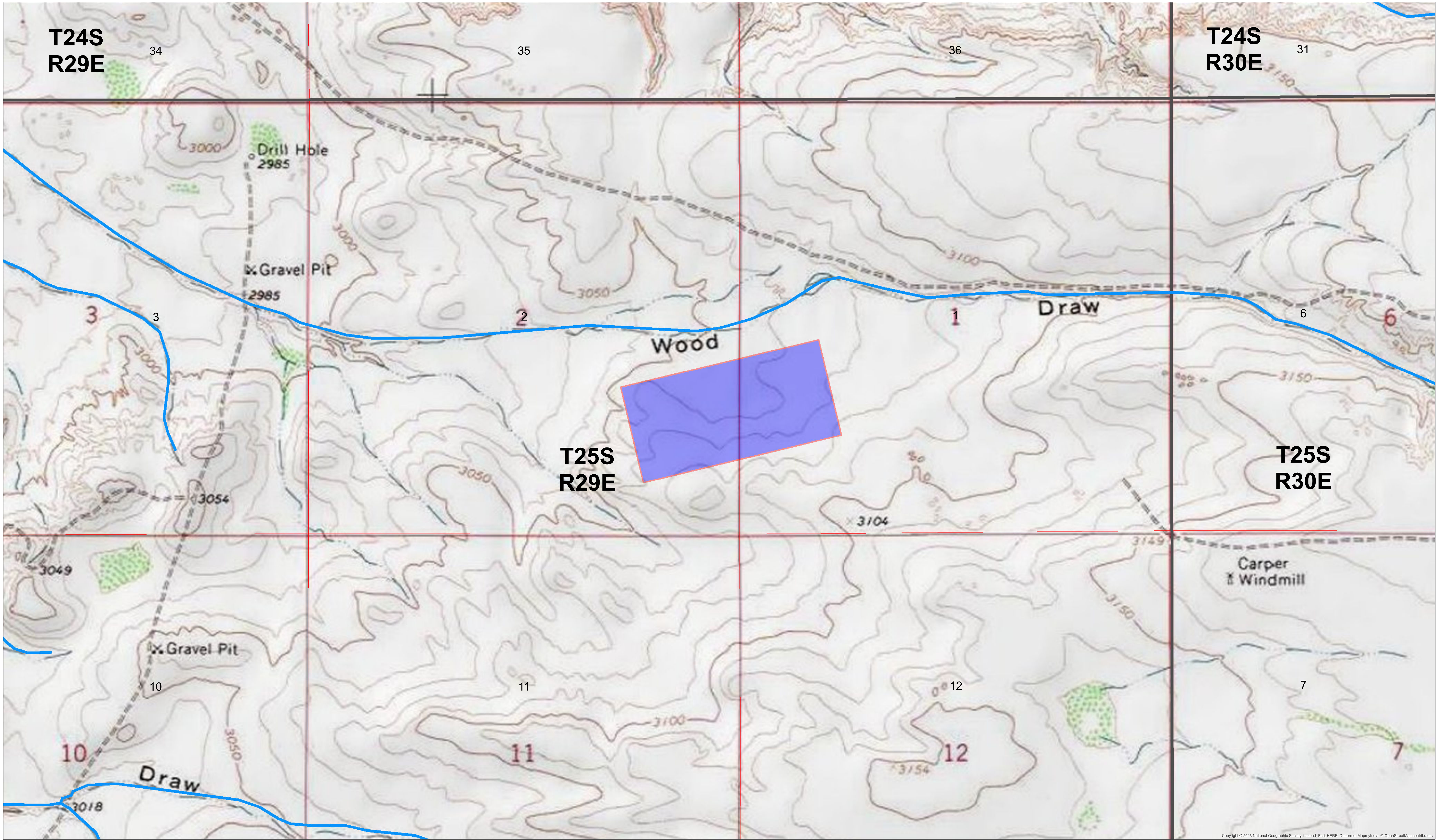
Date: 10/9/2017



Author: Dylan Allen

Topographic/BLM Streams and Rivers

Figure 1g



Layers obtained from the BLM
1:6,000

Recycling Containment

Corral Fly

BLM

Streams and Rivers

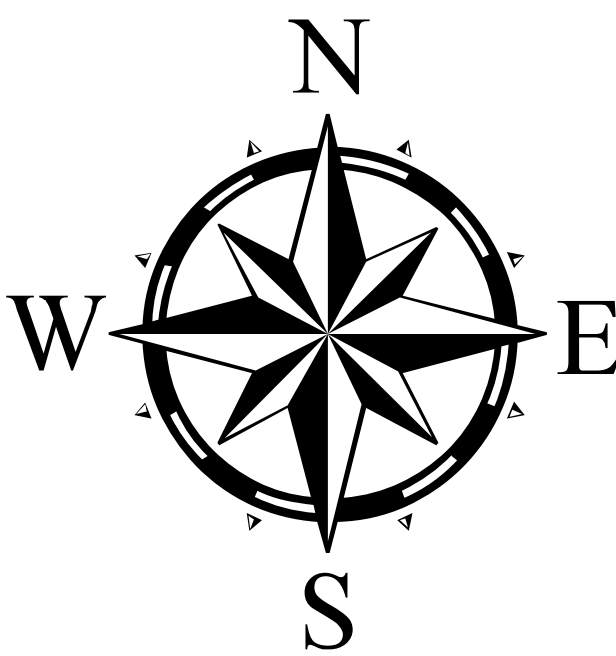
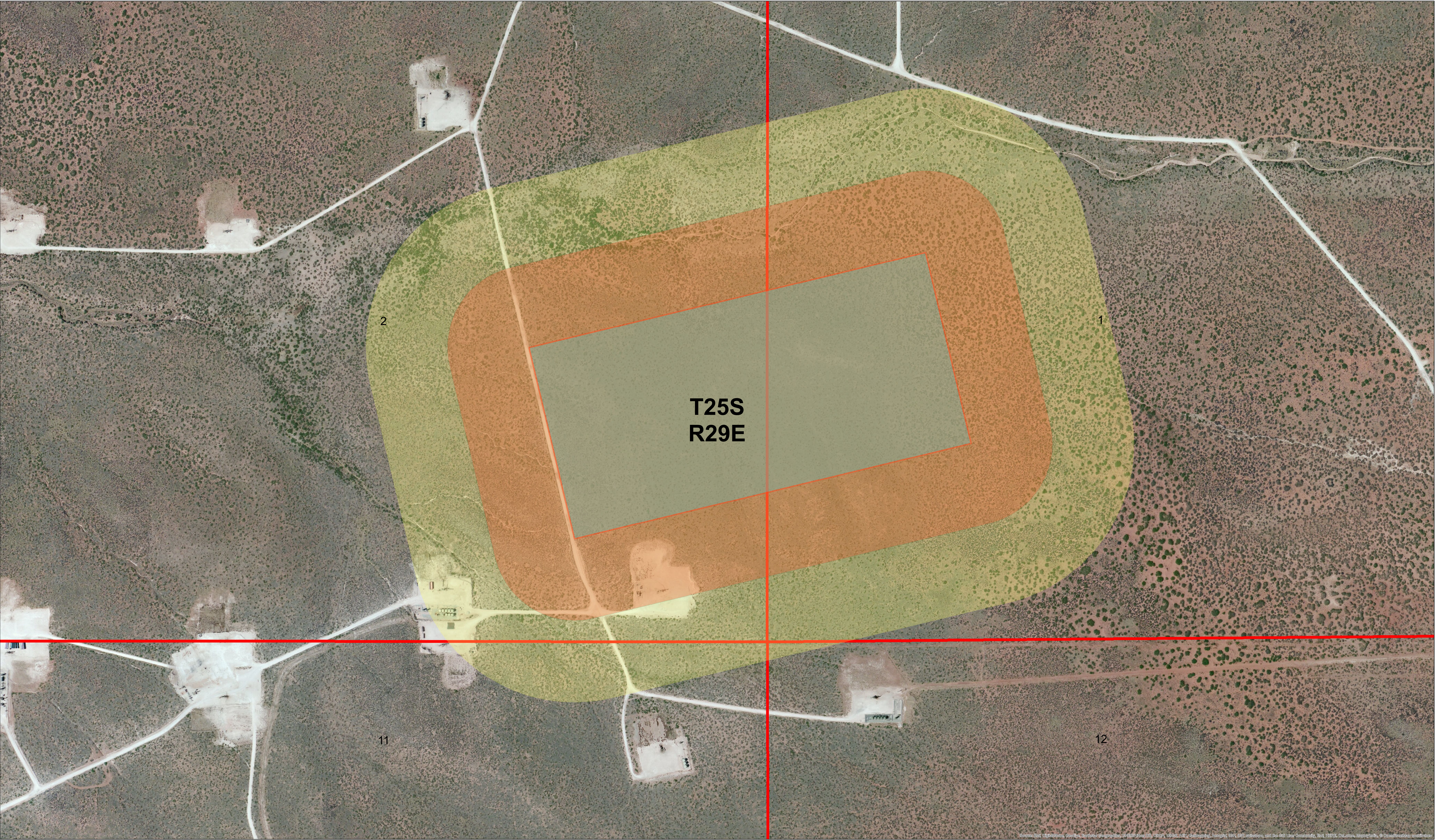
Date: 10/9/2017



Author: Dylan Allen

Nearby Structures

Figure 1h



1:3,000

- 1000 ft. Buffer
- 500 ft. Buffer
- Recycling Containment - Corral Fly
- 1000 ft. Buffer

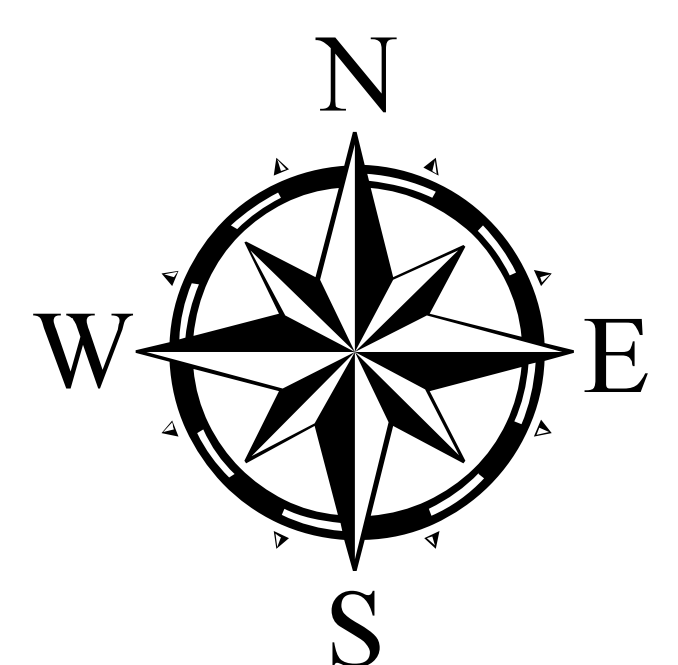
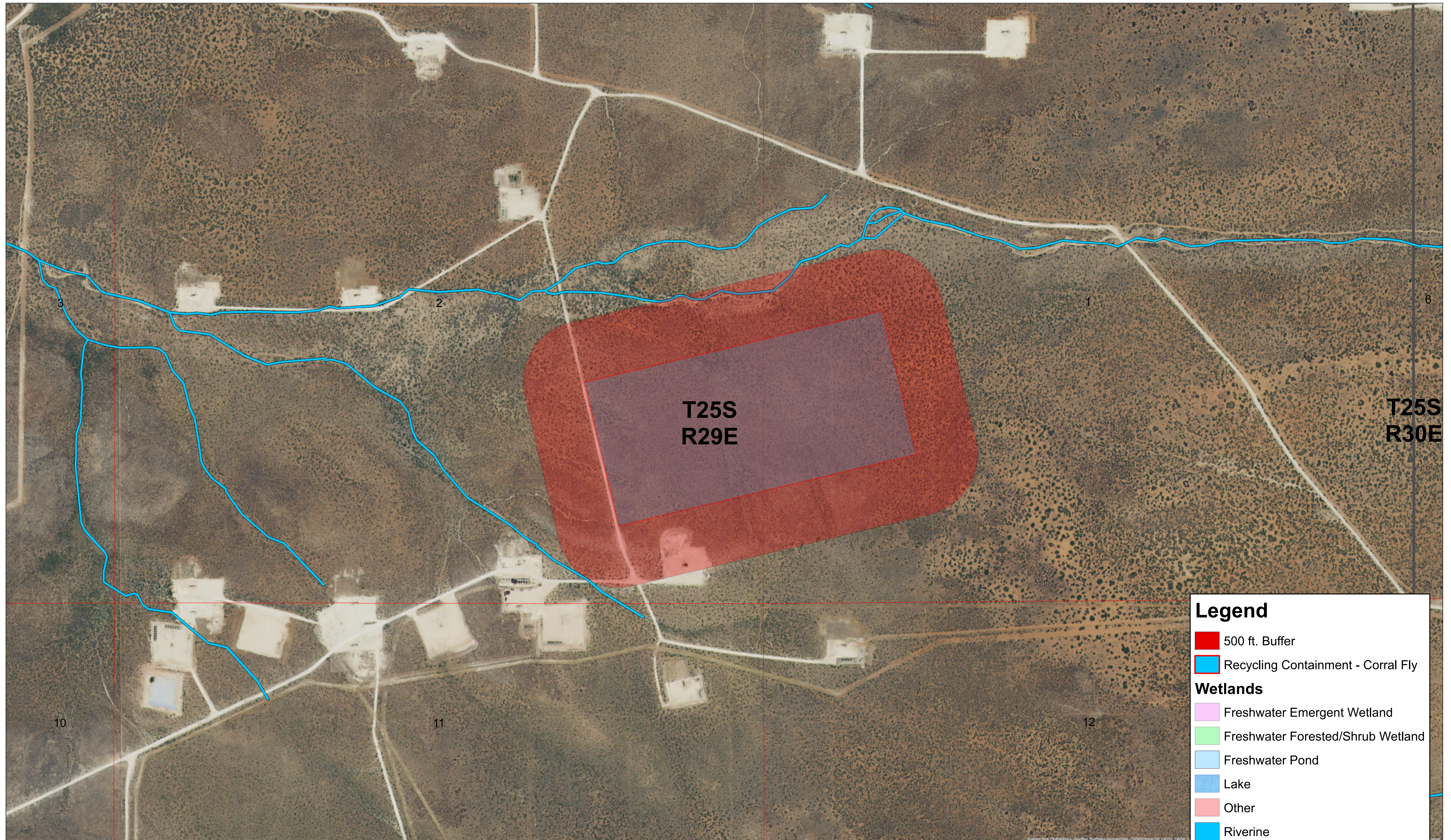
Date: 10/9/2017



Author: Dylan Allen

Wetlands

Figure 1i



Layers obtained from the US Fish and Wildlife Wetland Identification Map
1:4,000

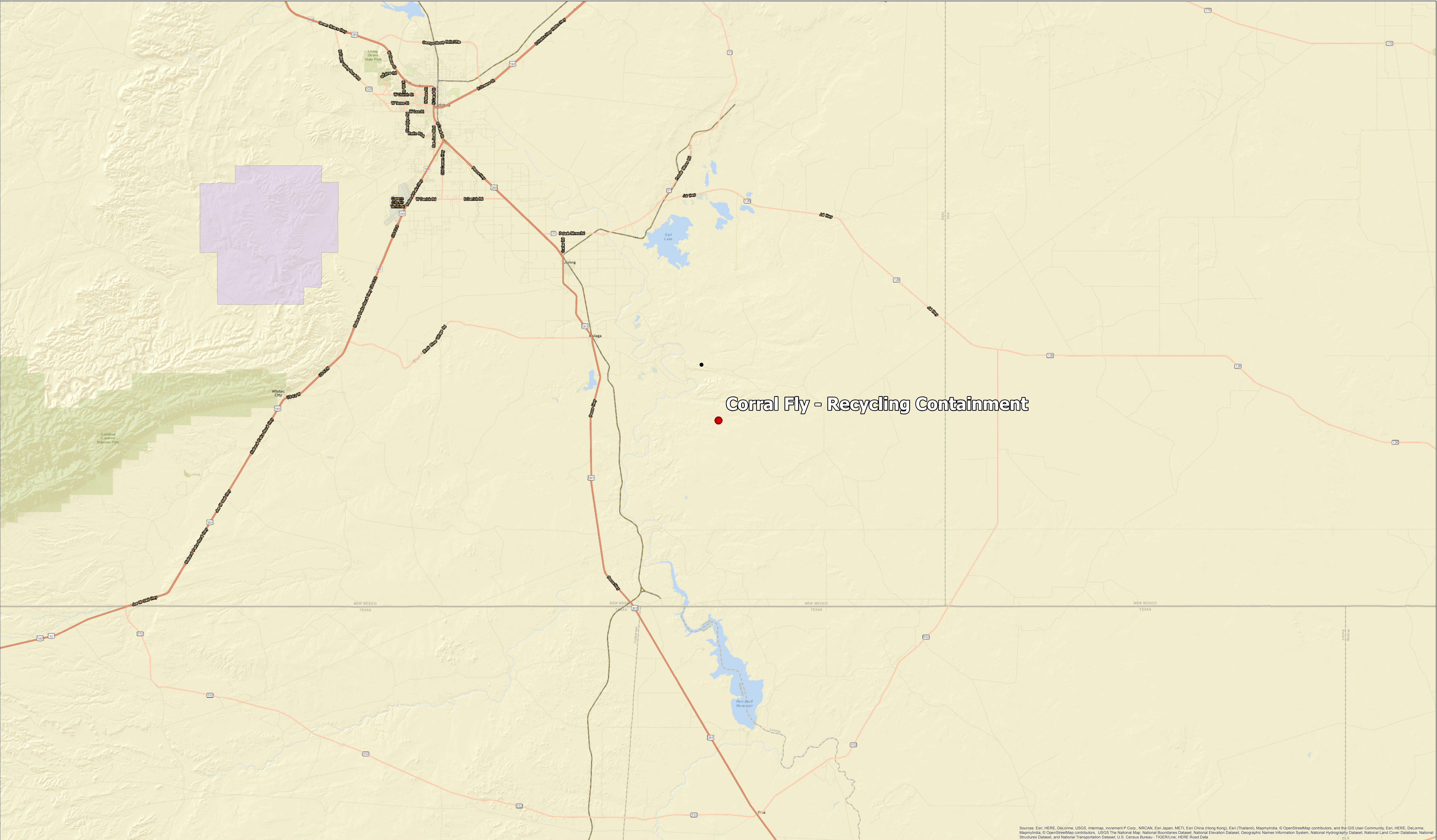
Date: 10/9/2017



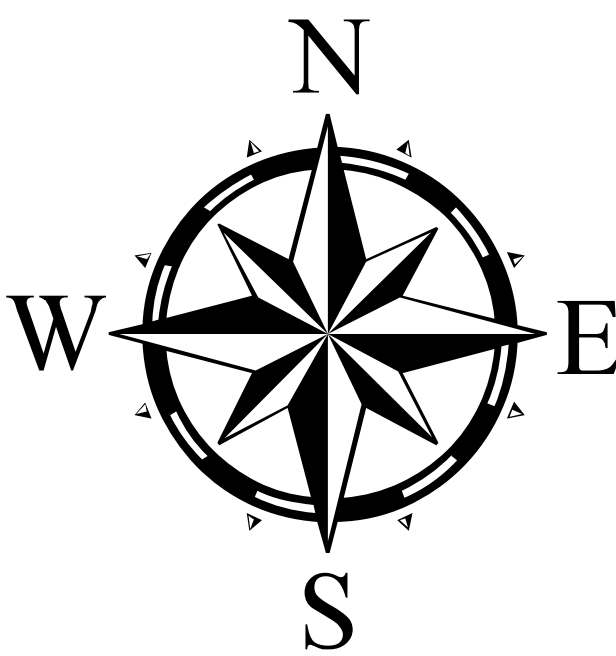
Author: Dylan Allen

Municipalities/Defined Fresh Water Well Fields

Figure 1j



Sources: Esri, HERE, DeLorme, USGS, Inmap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community. Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, USGS, The National Map, National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset. U.S. Census Bureau - TIGER/Line, HERE Road Data



Layers obtained from the City of Carlsbad
1:150,000

Date: 10/9/2017

Recycling Containment

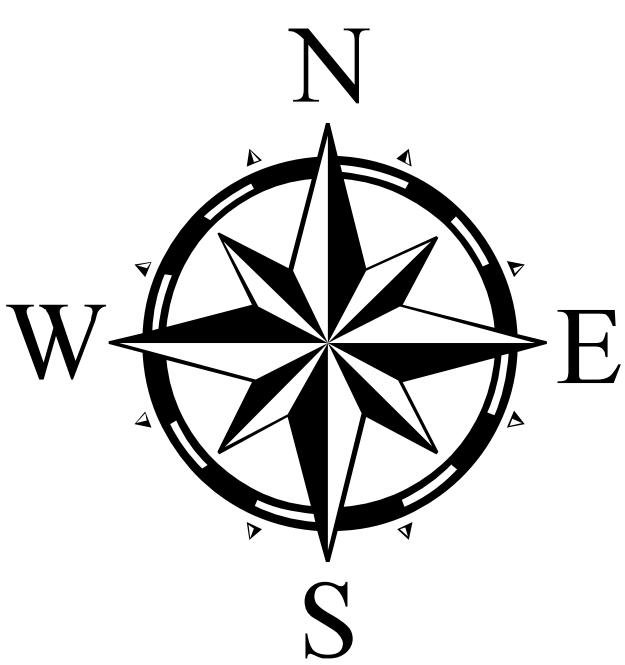
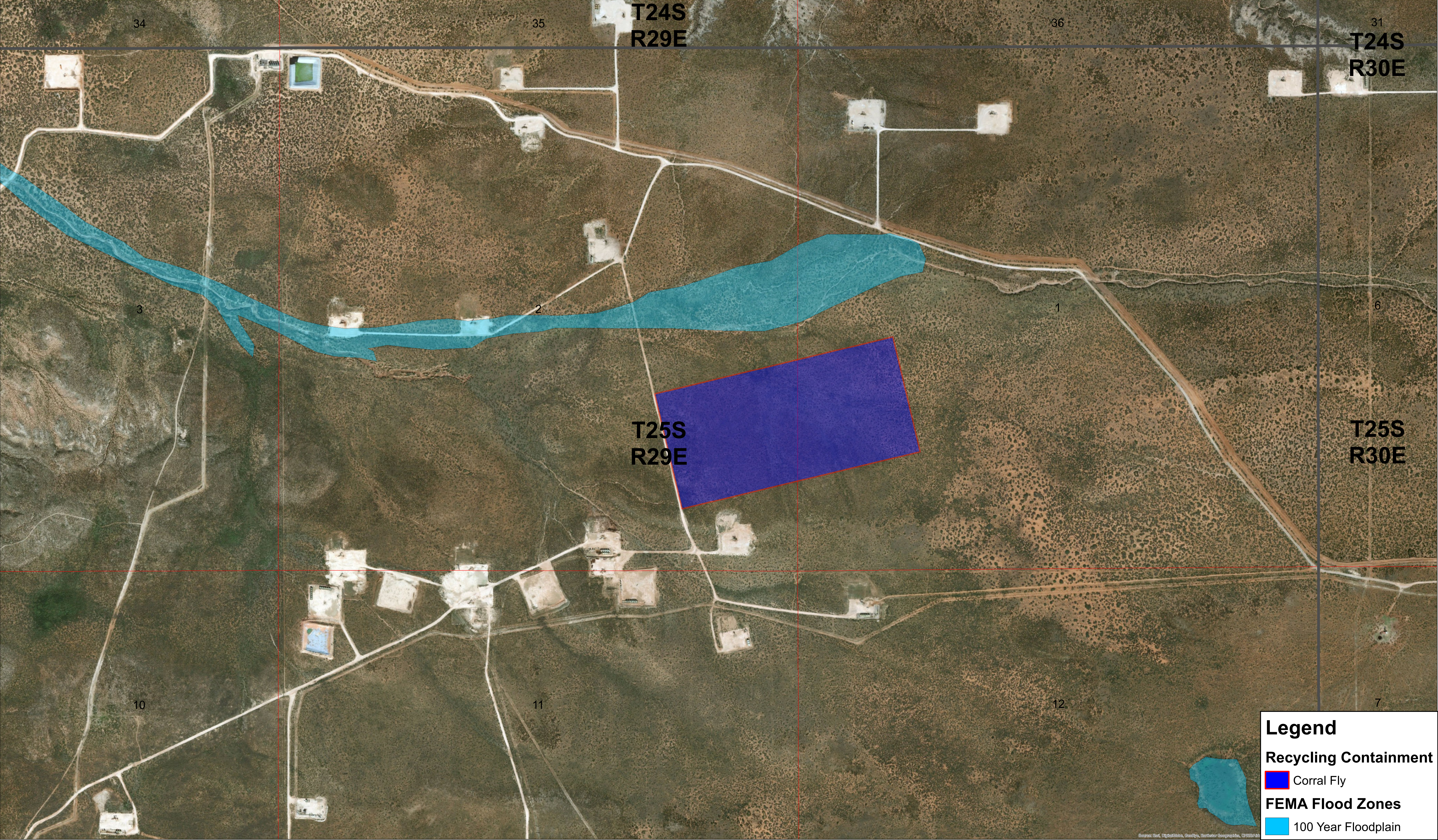
- Corral Fly
- Double Eagle Wellfield
- Sheep Draw



Author: Dylan Allen

FEMA Flood Zones

Figure 1k



Layers obtained from the BLM
1:5,000

Date: 1/16/2018



Author: Dylan Allen