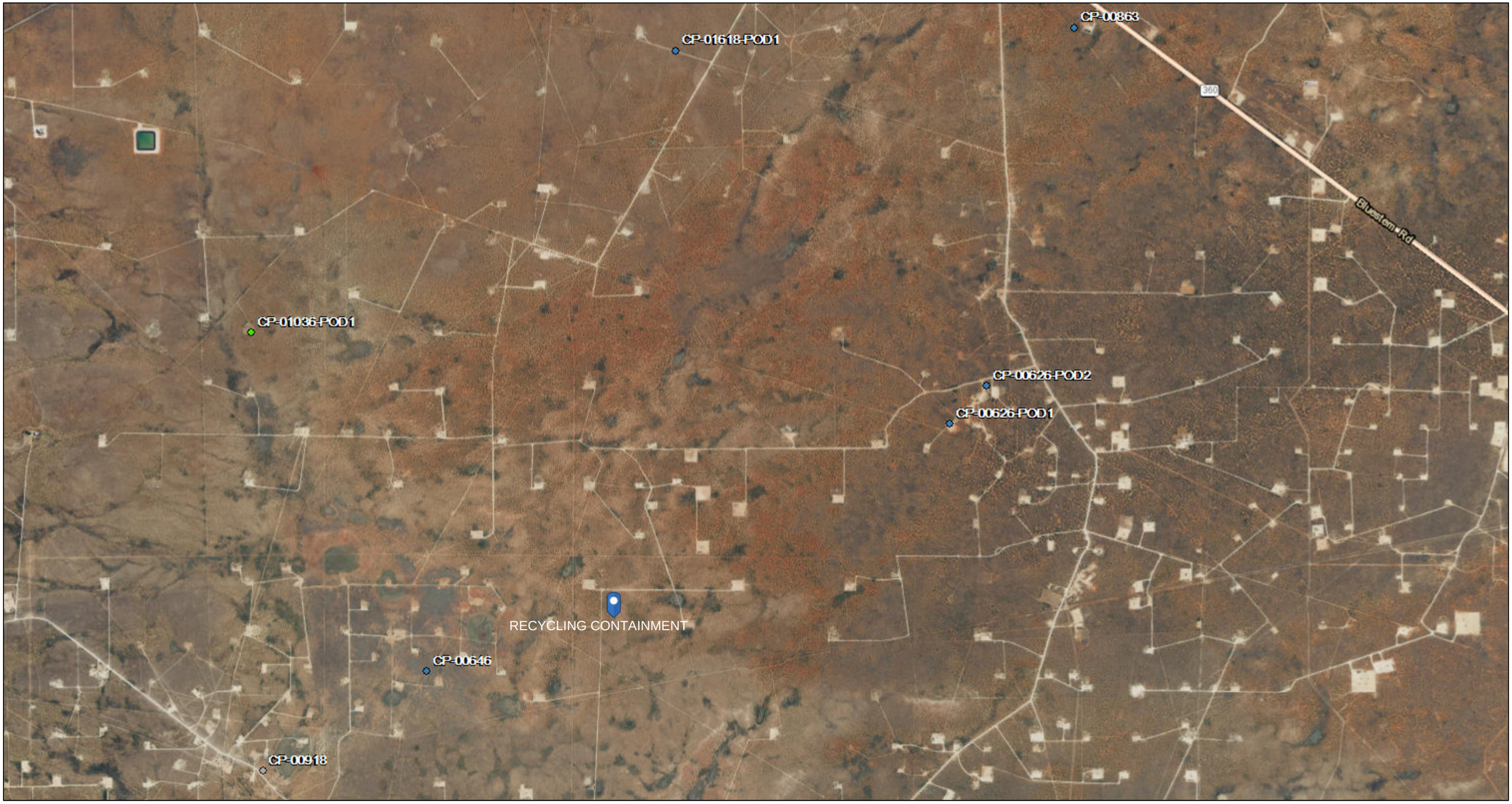
Appendices

Appendix 2 – Turkey Track - Recycling Containments Figures and Maps

OSE Well Locations - Turkey Track

Figure 1a



March 22, 2017

OSE Wells

- Other
- ACT
- PEN

OSE District Boundary

1:36,112

0 0.35 0.7 1.4 mi

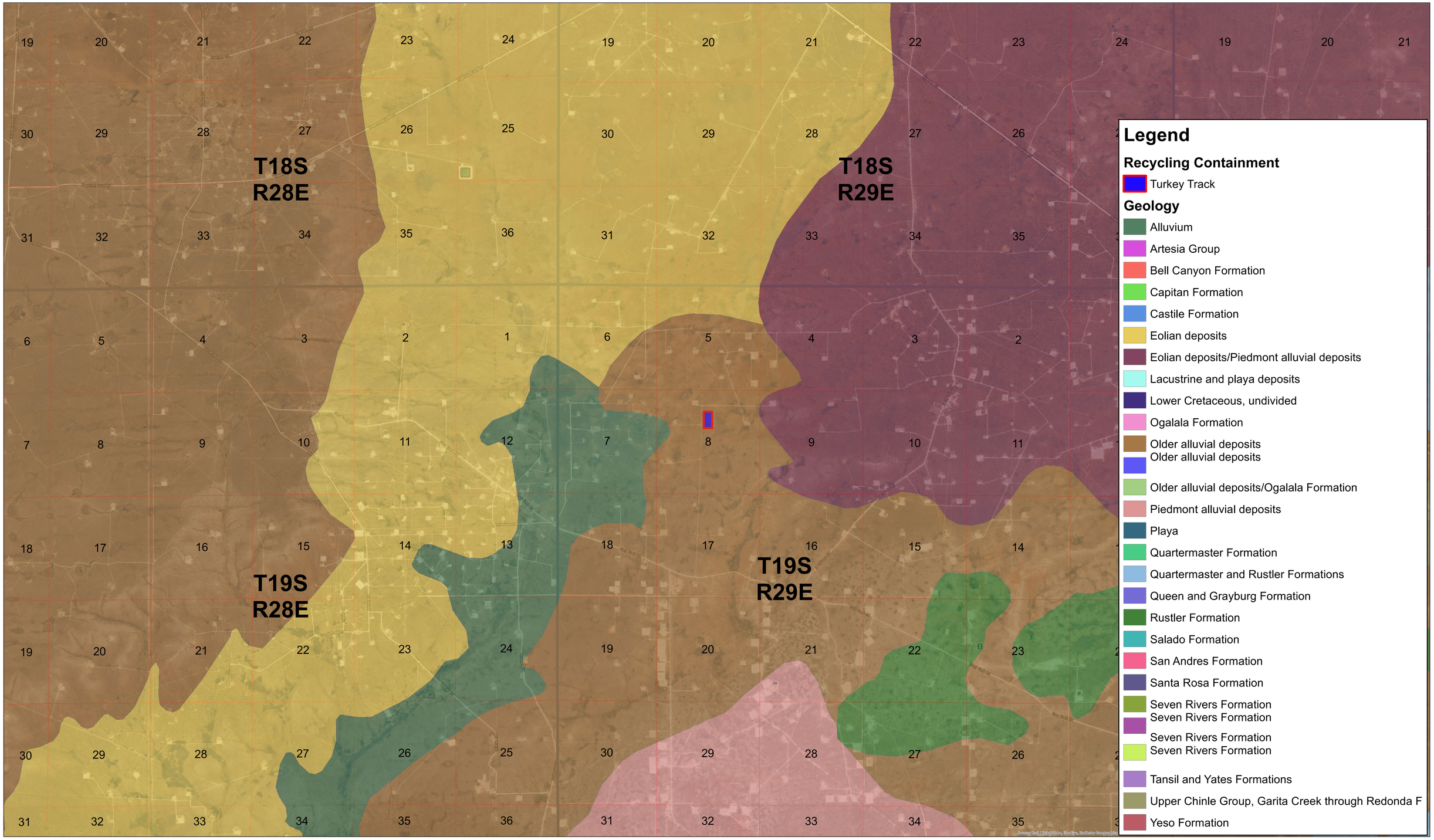
0 0.5 1 2 km

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics,

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Geologic Map

Figure 1a.1



N
W E
S

Data obtained from BLM

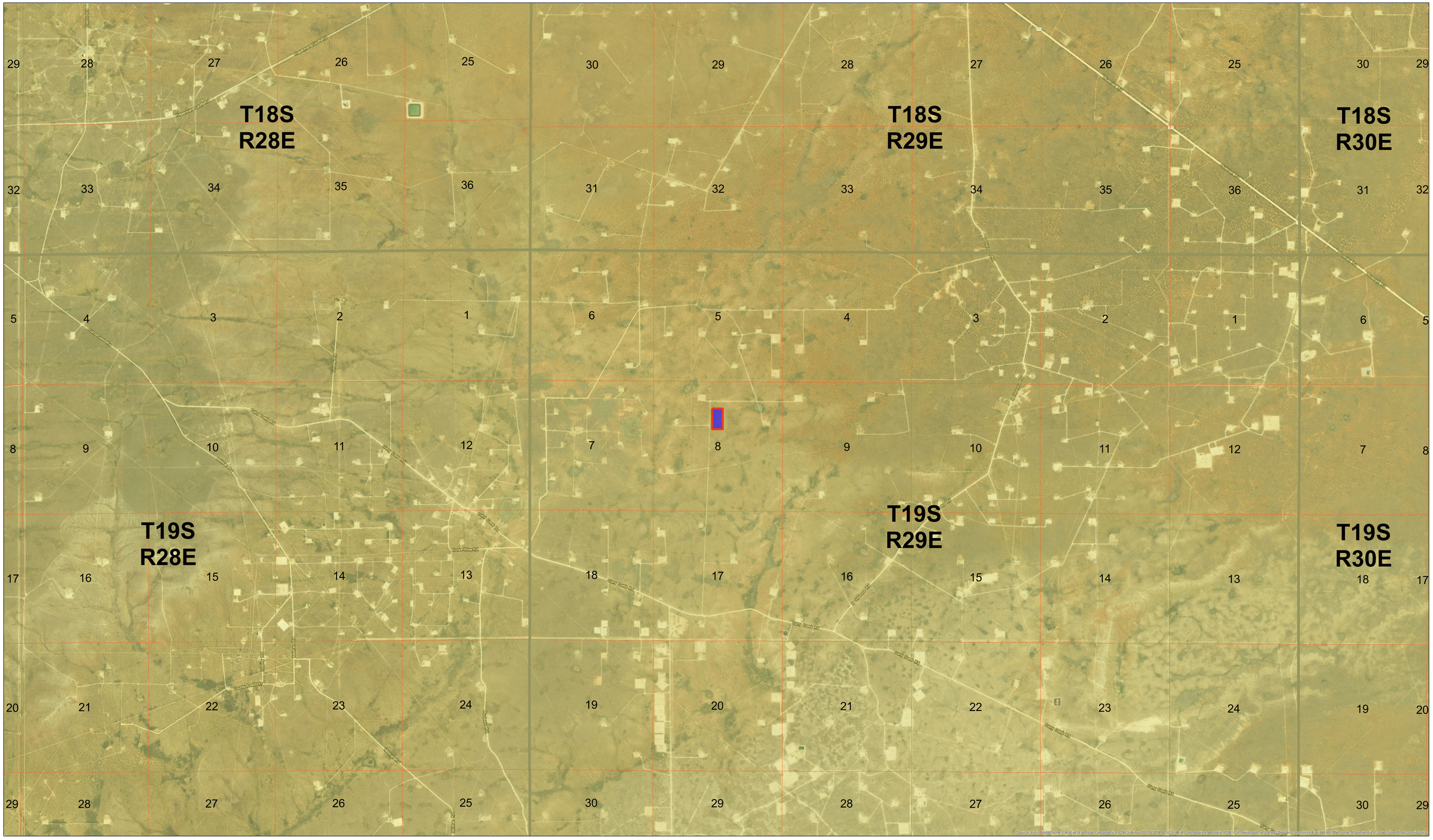
1:25,000

Date: 5/4/2017

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: 5/4/2017

Turkey Track

Aquifer Sensitivity

Moderately Sensitive

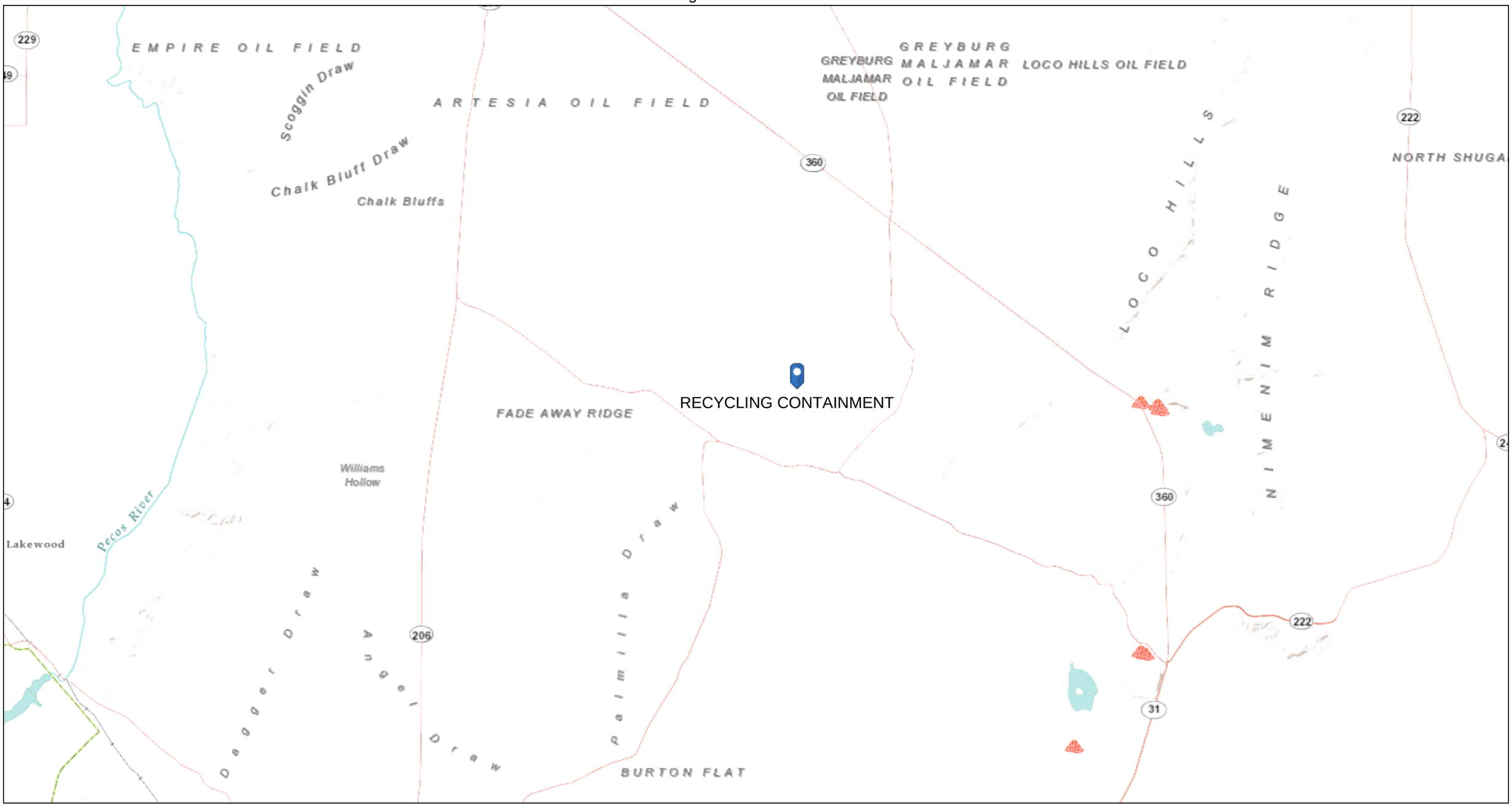
Less Sensitive

Highly Sensitive

Author: Dylan Allen

Turkey Track Recycling Containment - Active Mines in New Mexico

Figure 1c



May 2, 2017

Active Mines, registered

Potash

1:144,448

0 1.25 2.5 5 mi

0 2.75 5.5 11 km

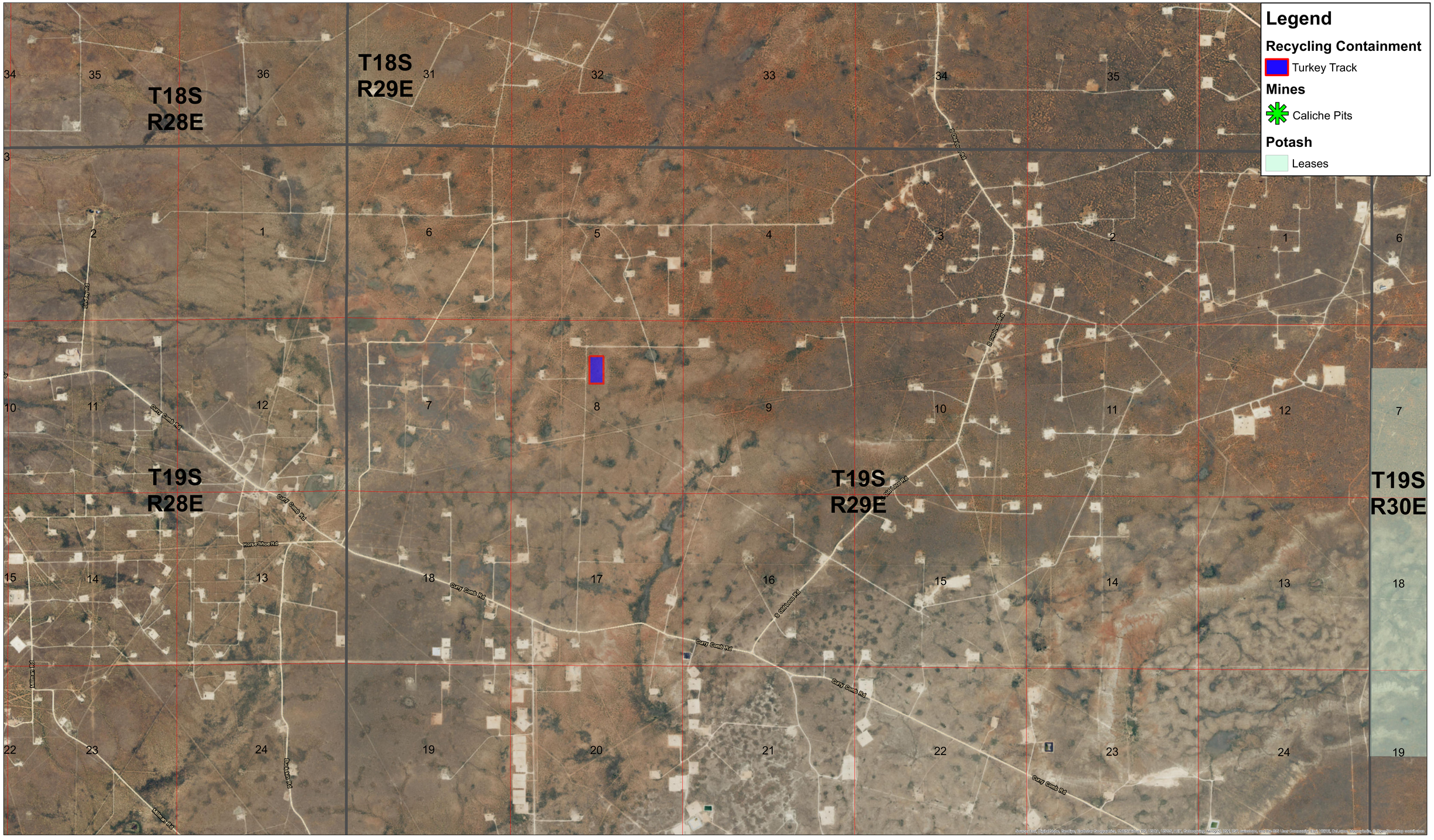
Sources: Esri, DeLorme, USGS, NPS
Sources: Esri, USGS, NOAA

NM EMNRD ITO GIS

Sources: Esri, USGS, NOAA | BLM and RGIS, of course | RGIS, CadNSDI, TRD, J R Jenks | Sources: Esri, DeLorme, USGS, NPS |

Potash Leases and Caliche Pits

Figure 1d



Layers obtained from the BLM

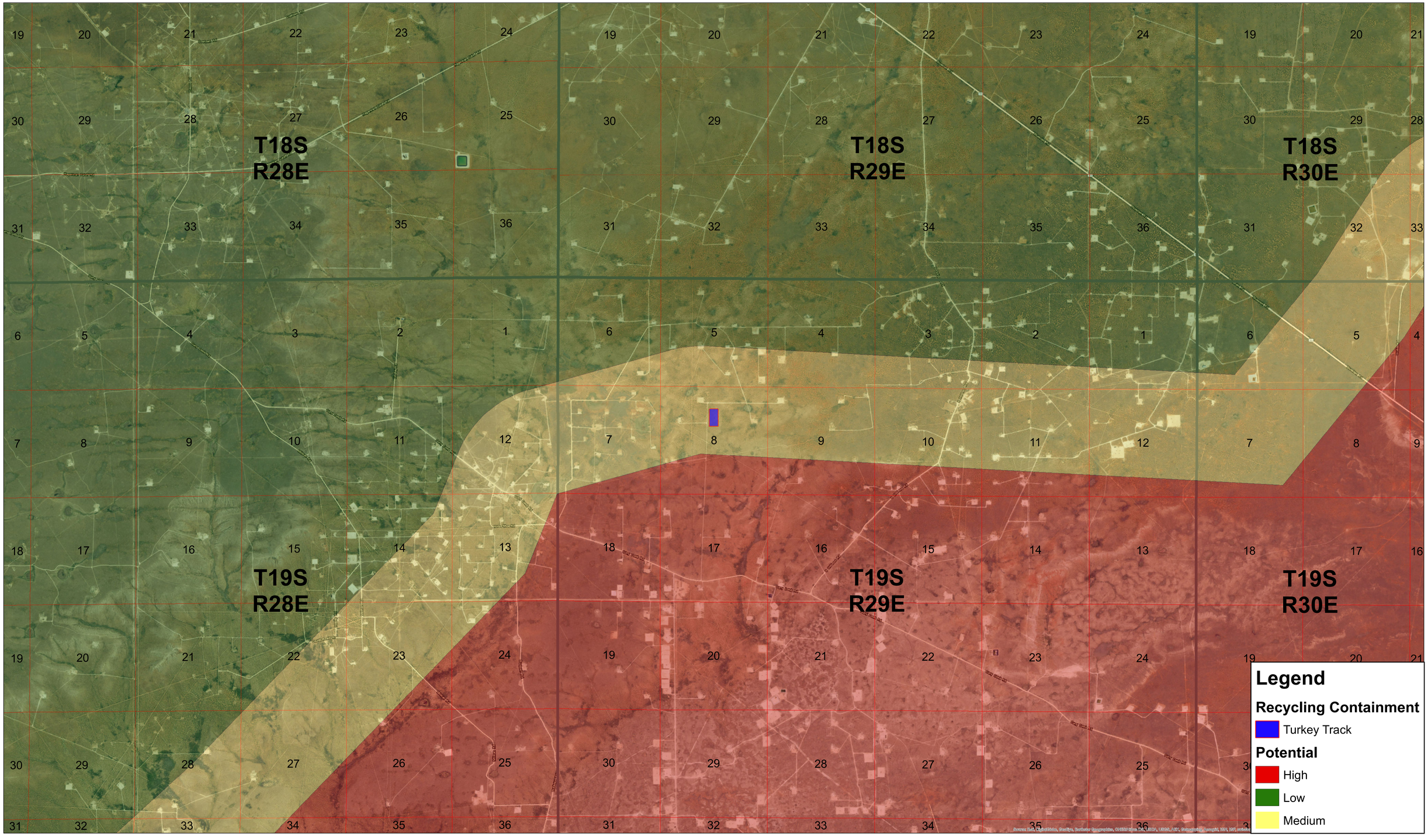
1:15,000

Date: 5/2/2017

Author: Dylan Allen

Karst Potential

Figure 1f



N
W E
S

Layers obtained from the BLM

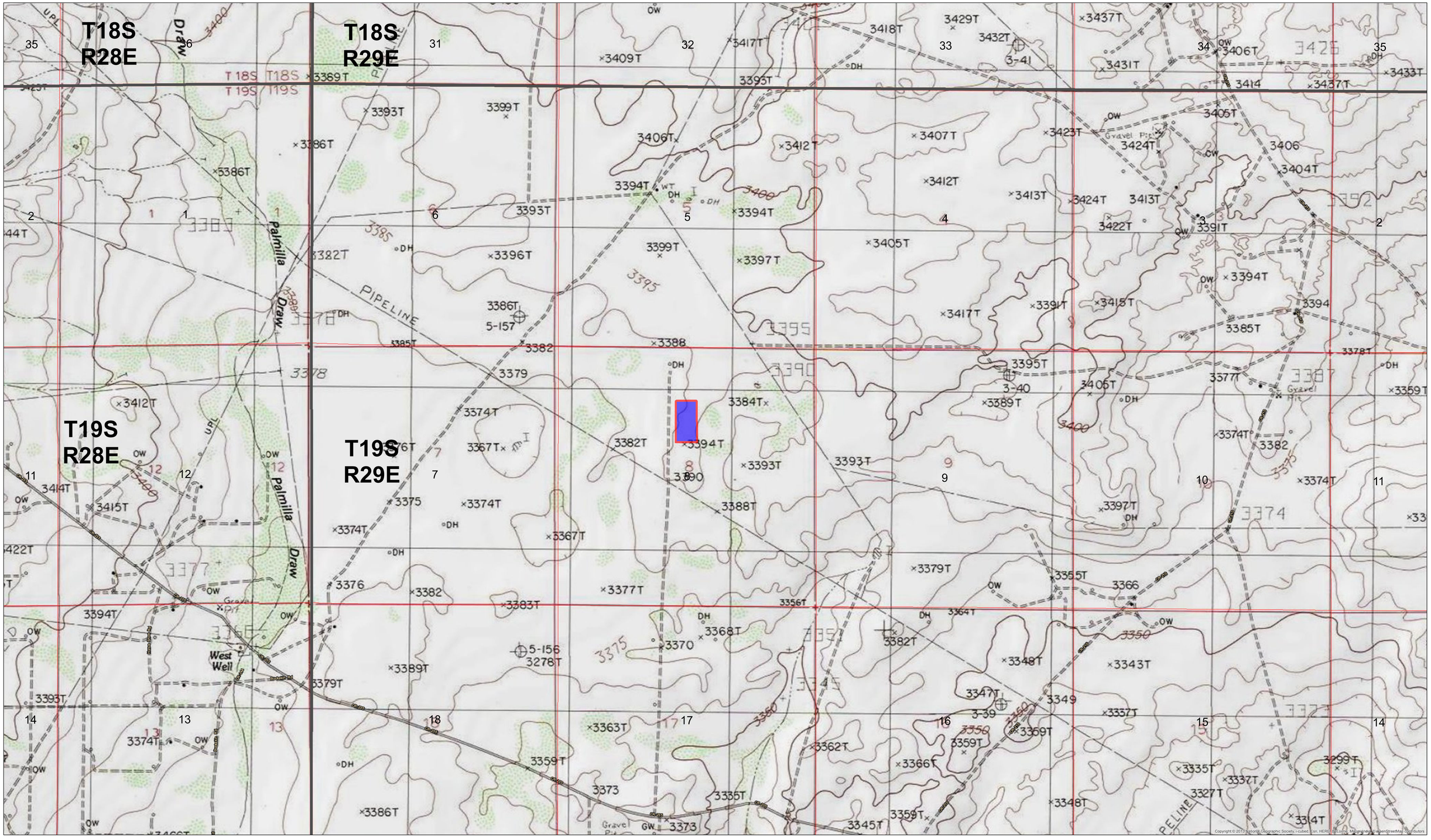
1:24,000

Date: 5/2/2017

Author: Dylan Allen

Topographic/BLM Streams and Rivers

Figure 1g



Layers obtained from the BLM

1:10,000

Date: 5/2/2017

Recycling Containment

Turkey Track

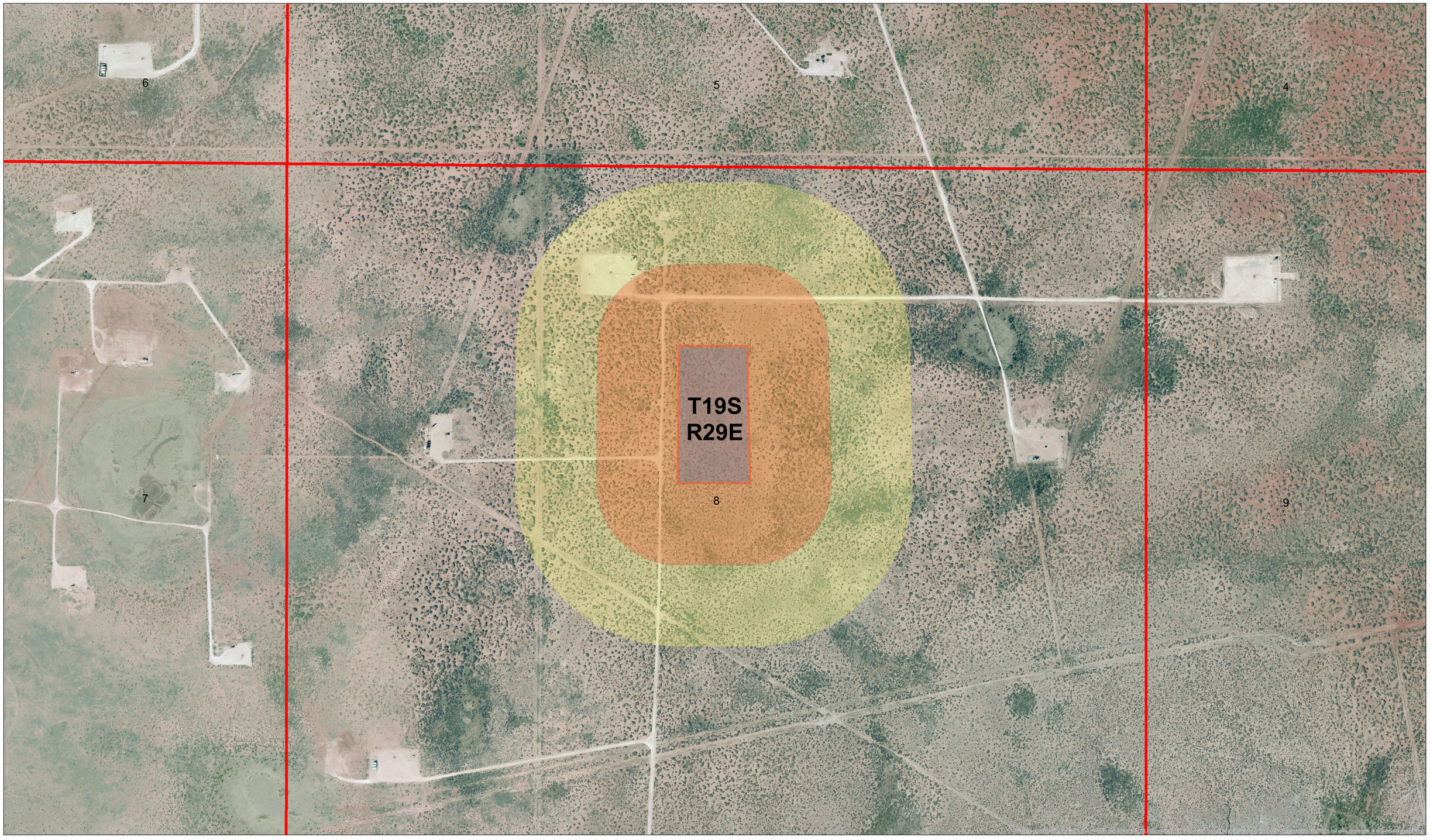
BLM

Streams and Rivers

Author: Dylan Allen

Nearby Structures

Figure 1h



N
W E
S

1:3,000

Date: 5/2/2017

1000 ft. Buffer

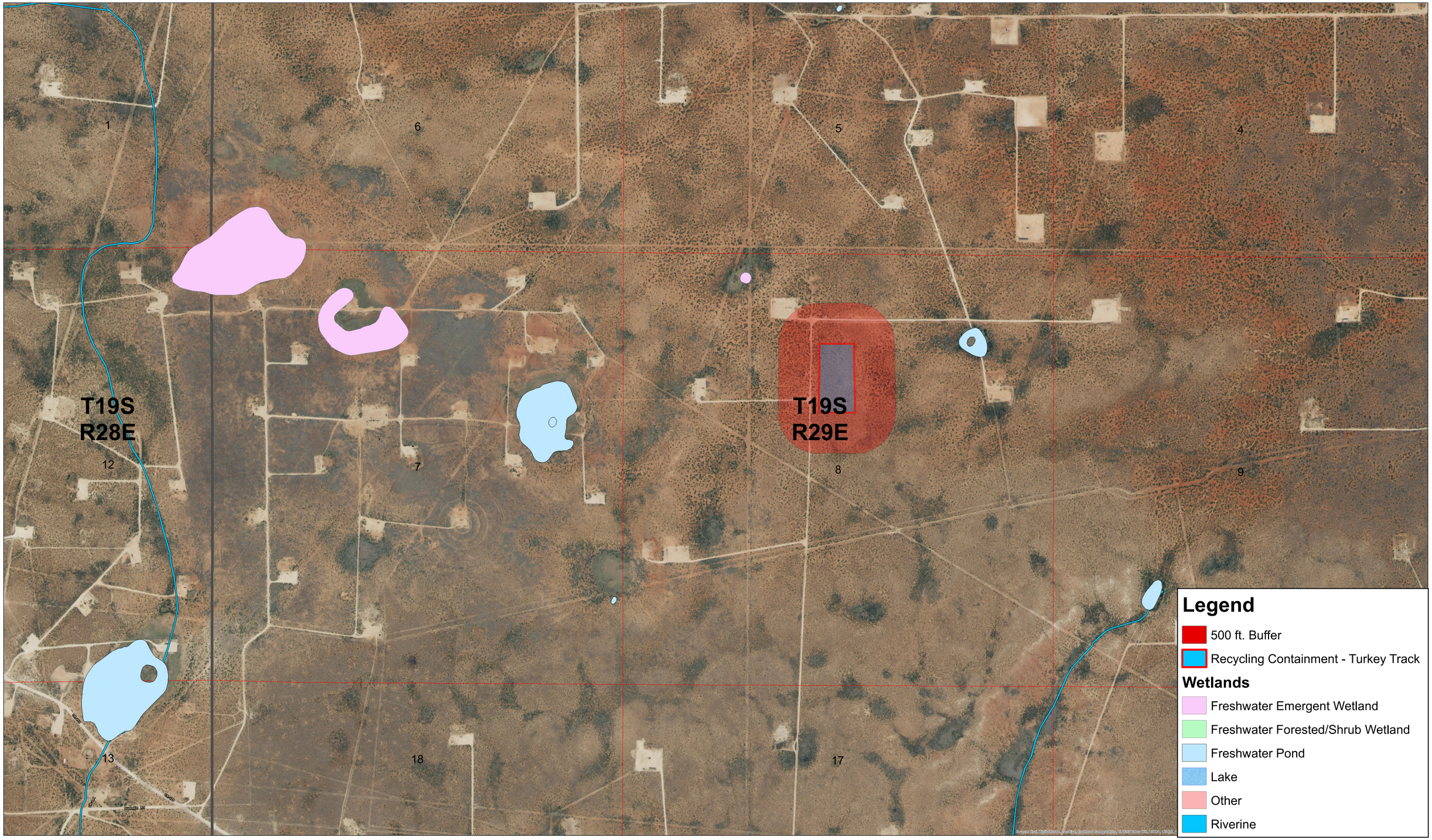
500 ft. Buffer

Recycling Containment - Turkey Track

Author: Dylan Allen

Wetlands

Figure 1i



N
W E
S

Layers obtained from the US Fish and Wildlife Wetland Identification Map

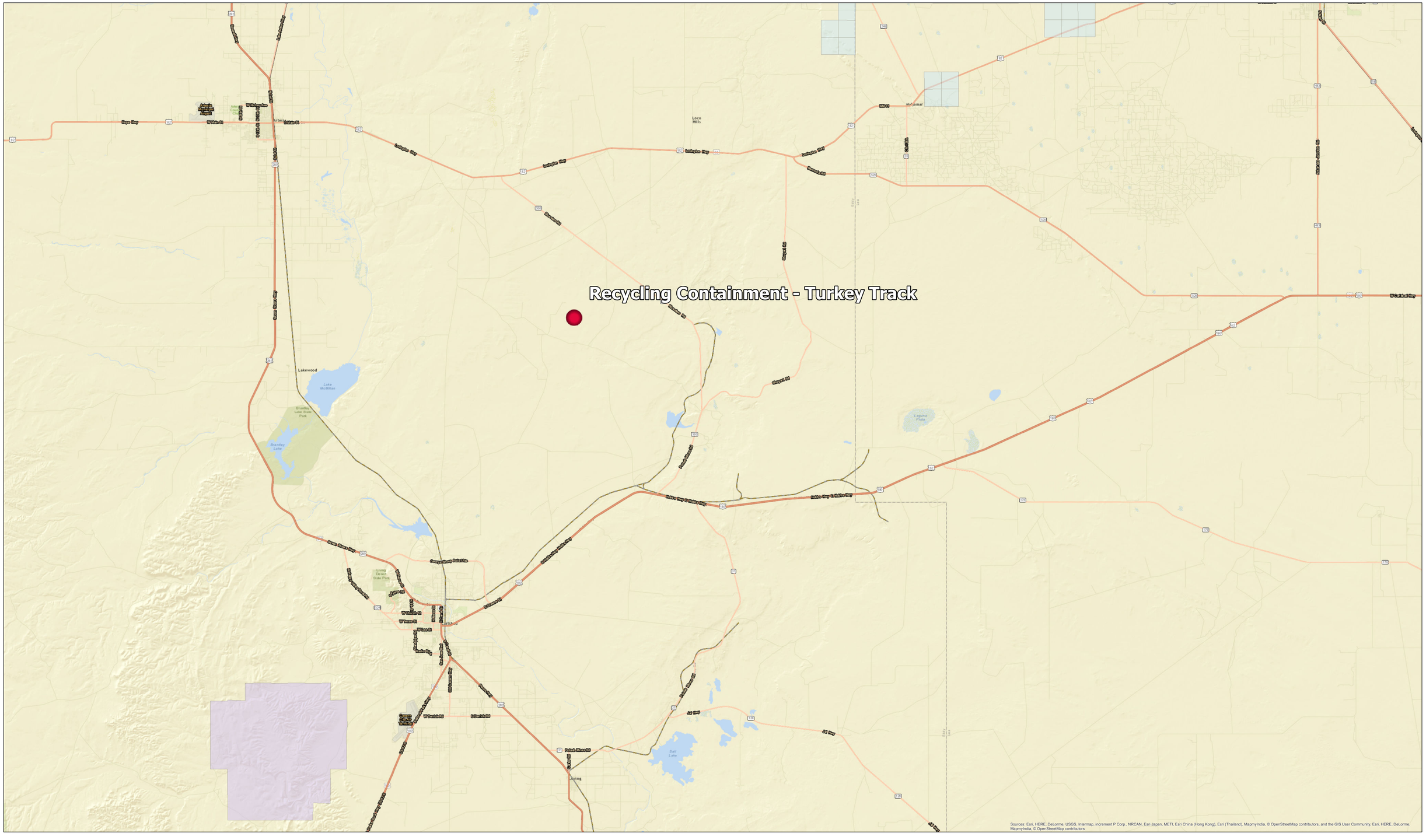
1:6,000

Date: 5/2/2017

Author: Dylan Allen

Municipalities/Defined Fresh Water Well Fields

Figure 1j



N

W E

S

Layers obtained from the City of Carlsbad

1:150,000

Date: 5/2/2017

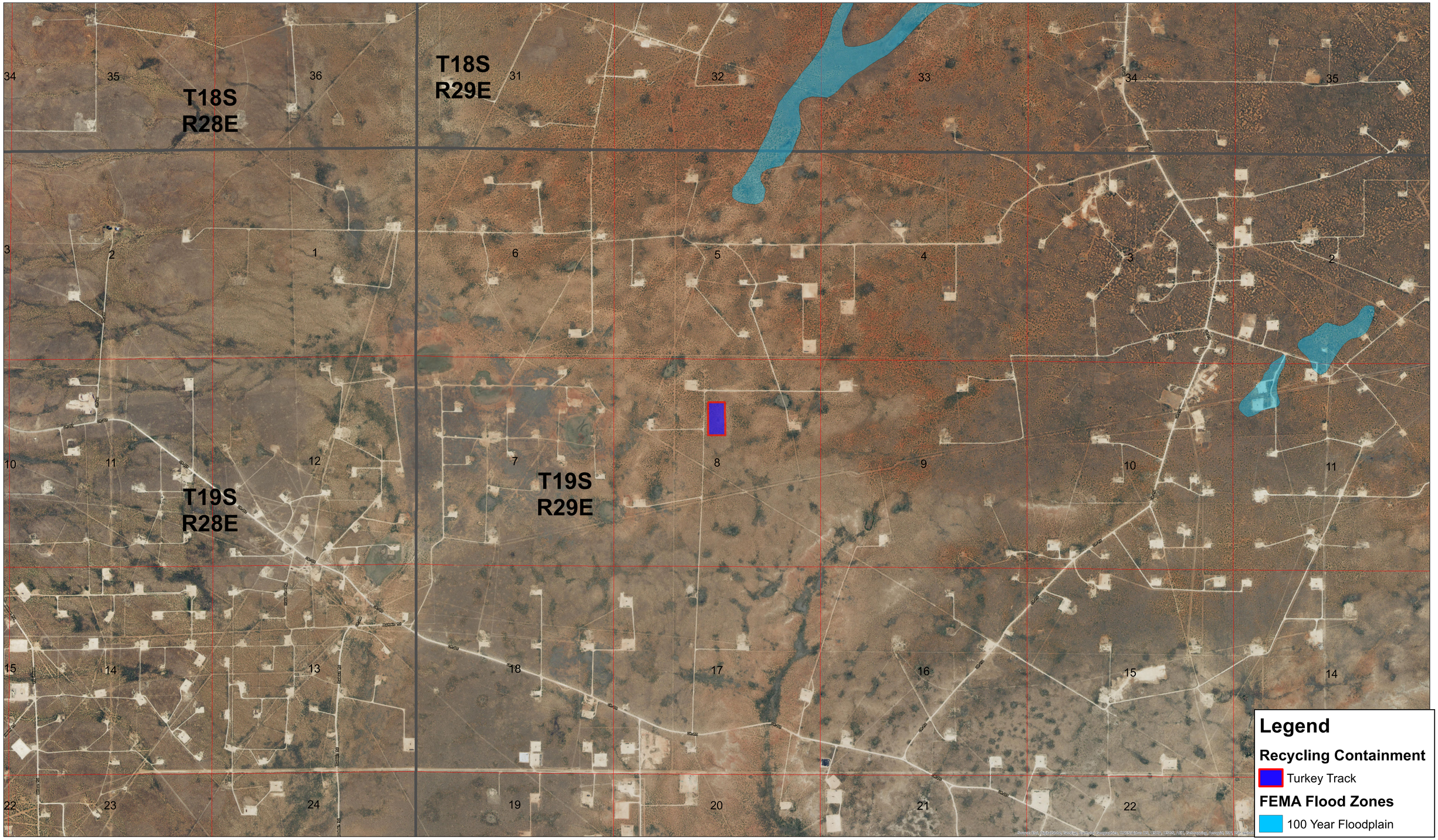
Recycling Containment

- Turkey Track
- Double Eagle Wellfield
- Sheep Draw

Author: Dylan Allen

FEMA Flood Zones

Figure 1k



N
W E
S

Layers obtained from the BLM

1:12,500

Date: 5/2/2017

Author: Dylan Allen