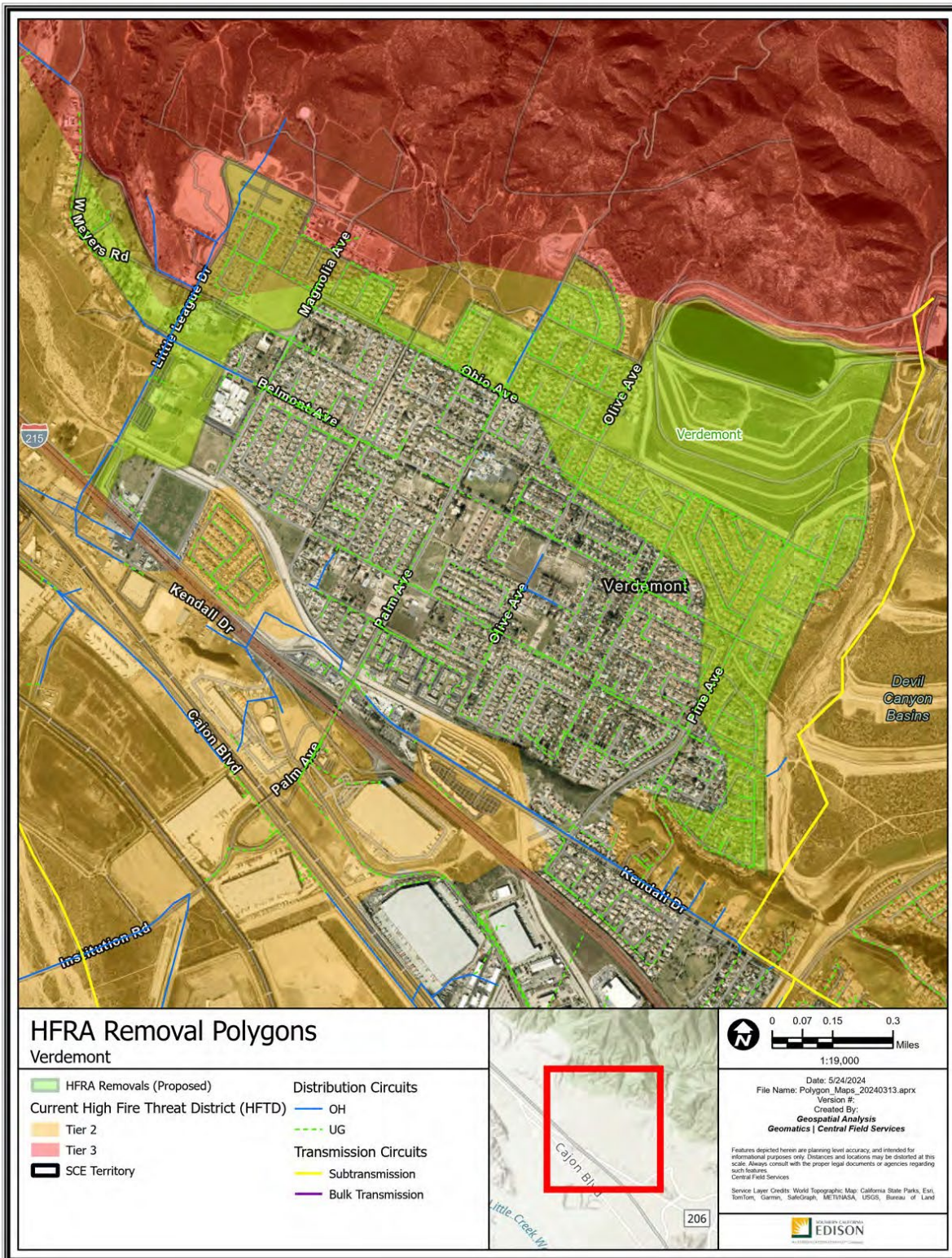


R27 – Verdemont

San Bernardino County
 -117.351074, 34.201169
 569 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 36.9% | Moderate Load Dry Climate Grass Shrub |
| 15.6% | Urban Core Surrounded by Low Fire Behavior Fuel |
| 14.7% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 9.1% | Non Burnable Urban Areas |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 18.5% | 80.7% | 0.0% | 0.8% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.68 | 10.59 | 0 | 0 | 0 | 11.27 |

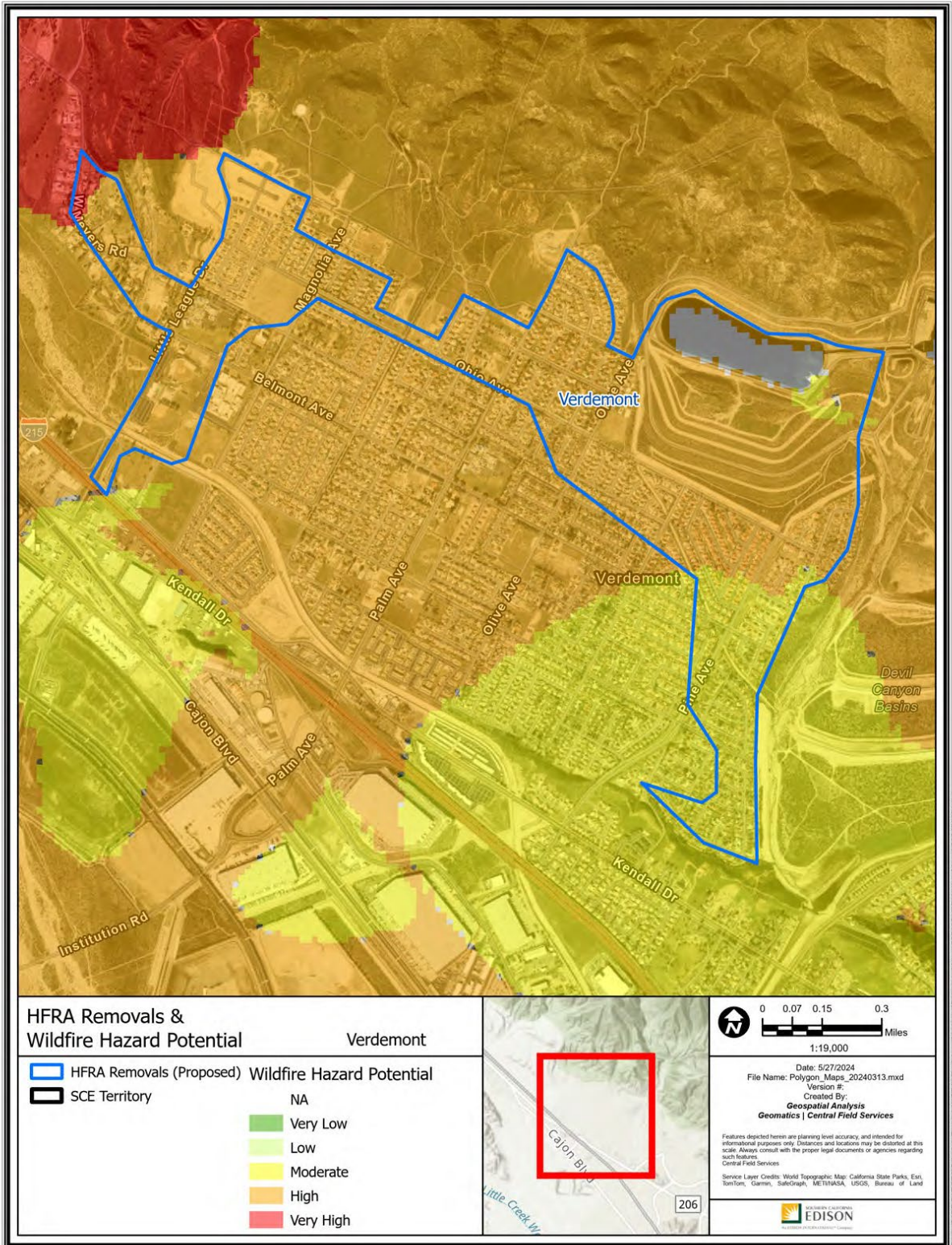
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 913 | 4.15° | 4: High | 2% |

This removal features some areas that met threshold levels of IWMS criteria:

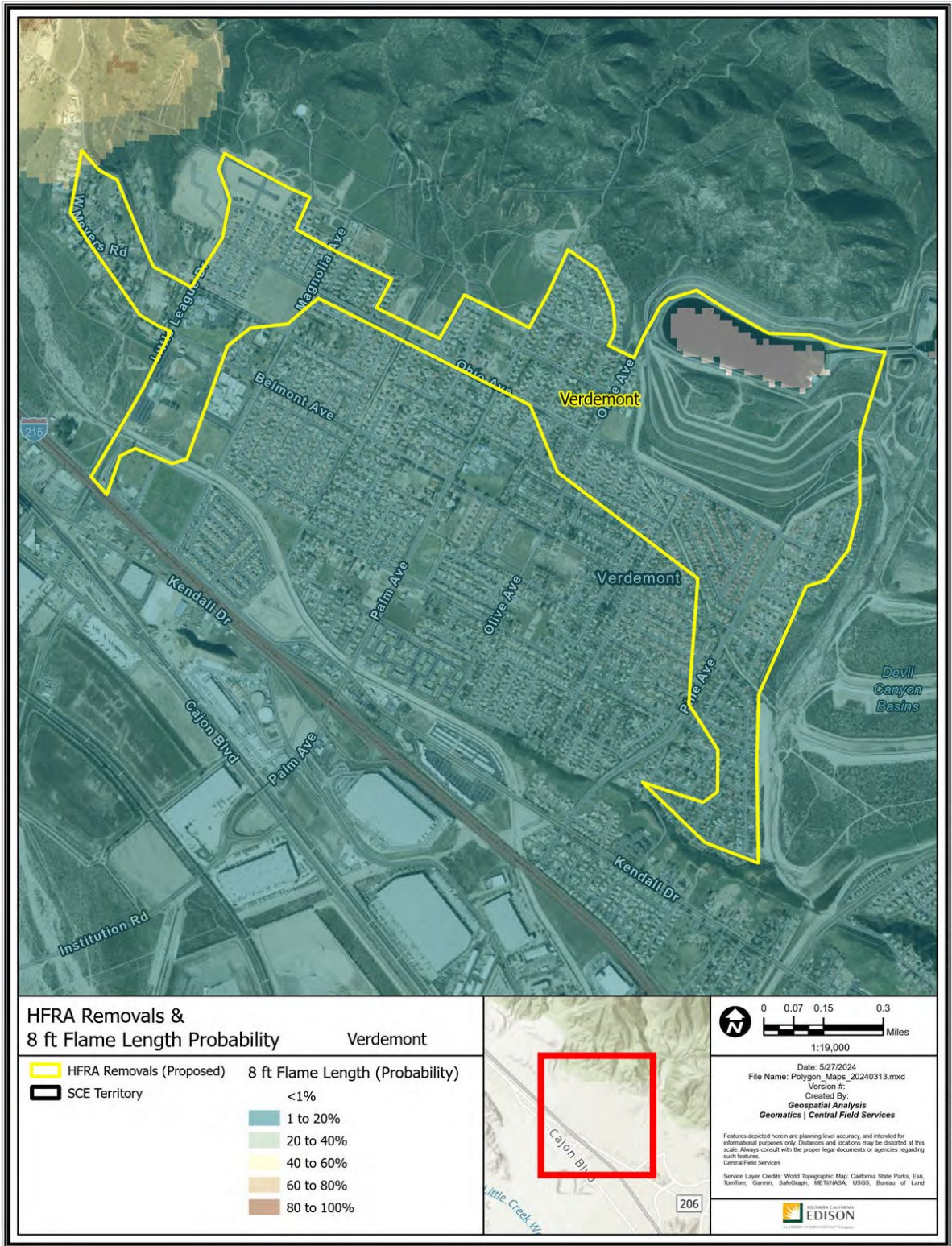
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.
- The polygon overlaps with regions that met burn-in buffer criteria.

Recommendation:

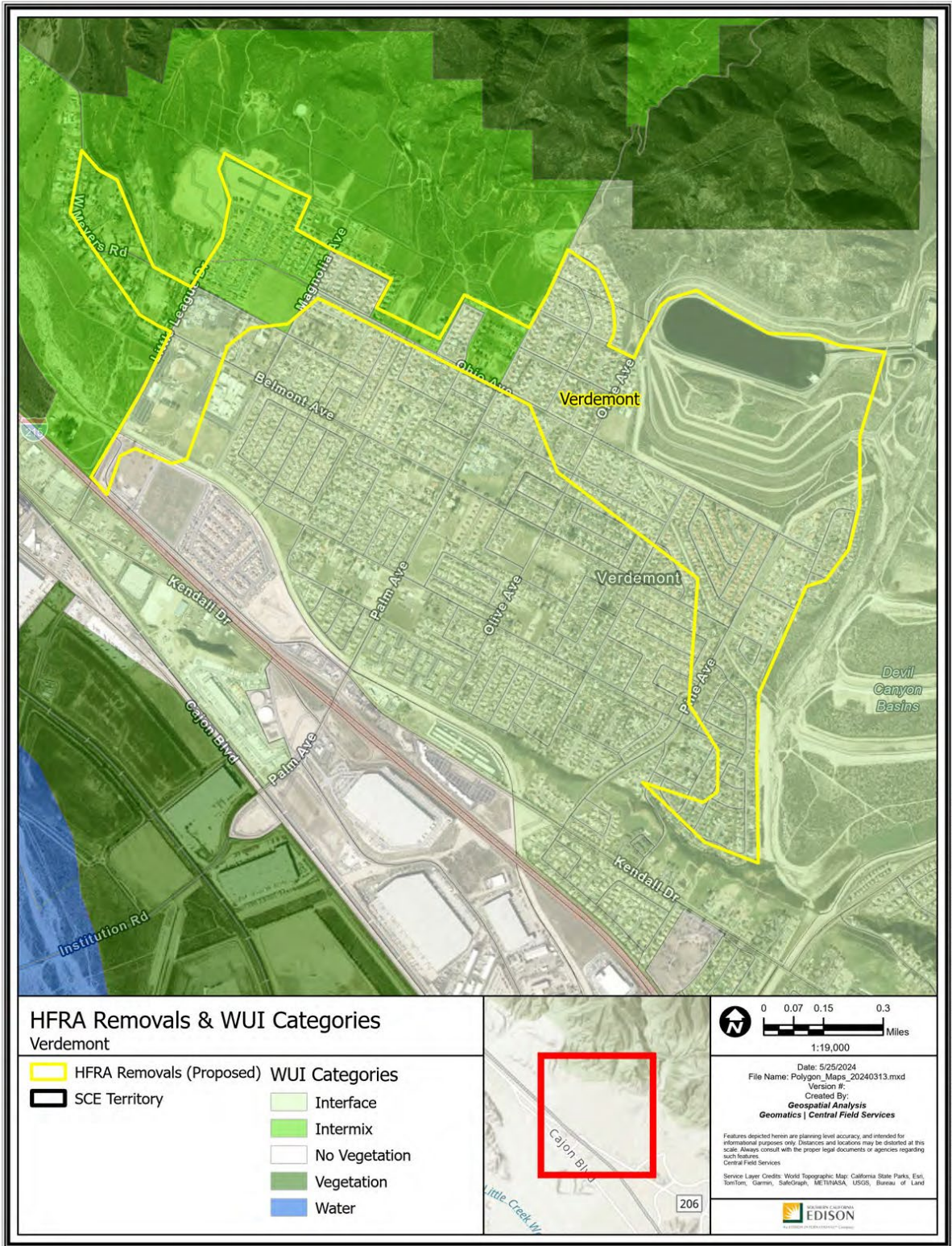
SCE proposes to remove the Verdemont polygon from HFTD. Although this polygon is adjacent to HFTD Tier 2 and Tier 3, it is composed of urban development and a reservoir without the presence of burnable fuels. The roads along the proposed new boundary serve as a firebreak.



Path: P:\PROJECTS\S\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories Verdemon

| | |
|---|---------------|
| HFRA Removals (Proposed) WUI Categories | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



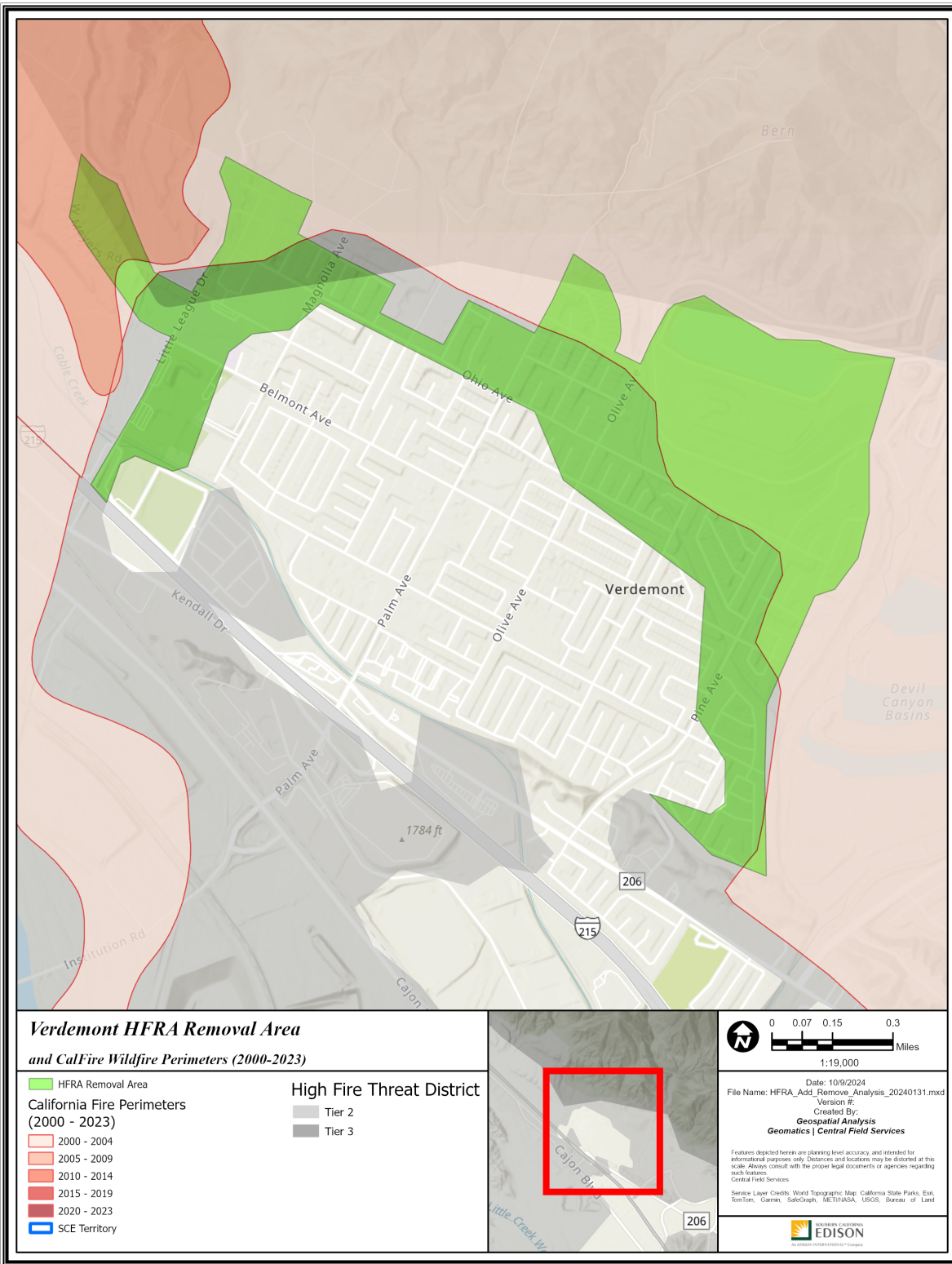
0 0.07 0.15 0.3 Miles
1:19,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
Central Field Services

Service Layer Credits: World Topographic Map: California State Parks, Esri, TomTom, Garmin, SafeGraph, METRANSA, USGS, Bureau of Land

Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



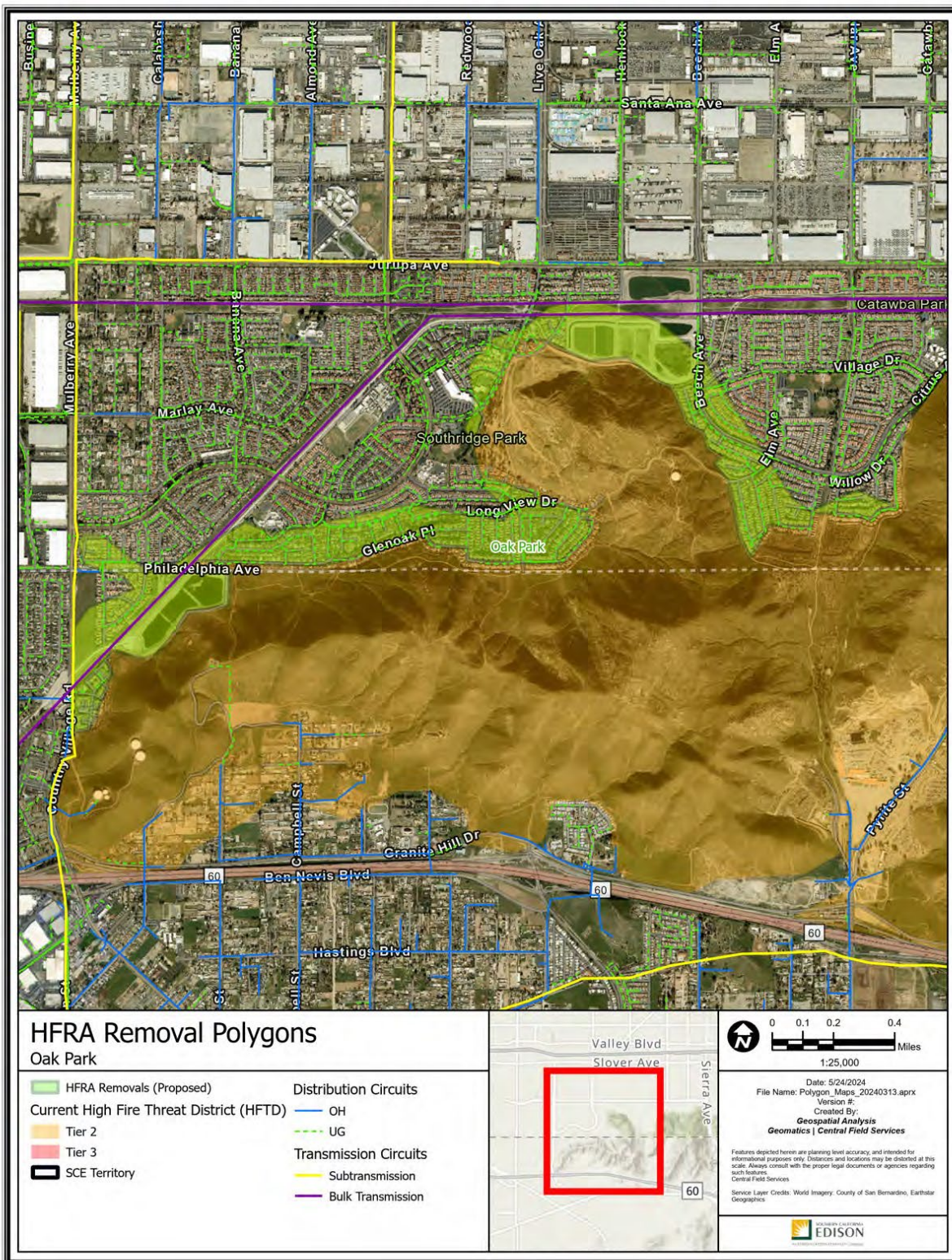
Path: P:\PROJECTS\Special\HFRA_Revision_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R28 – Oak Park

Riverside & San Bernardino County

-117.485506, 34.036808

345 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 32.1% | Non Burnable Urban Areas |
| 25.9% | Roads Surrounded by Non Burnable Fuels |
| 12.4% | Bare Ground |
| 10.9% | Moderate Load Dry Climate Grass Shrub |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 13.1% | 83.8% | 1.6% | 1.4% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.32 | 10.43 | 0.3 | 0 | 2.25 | 13.3 |

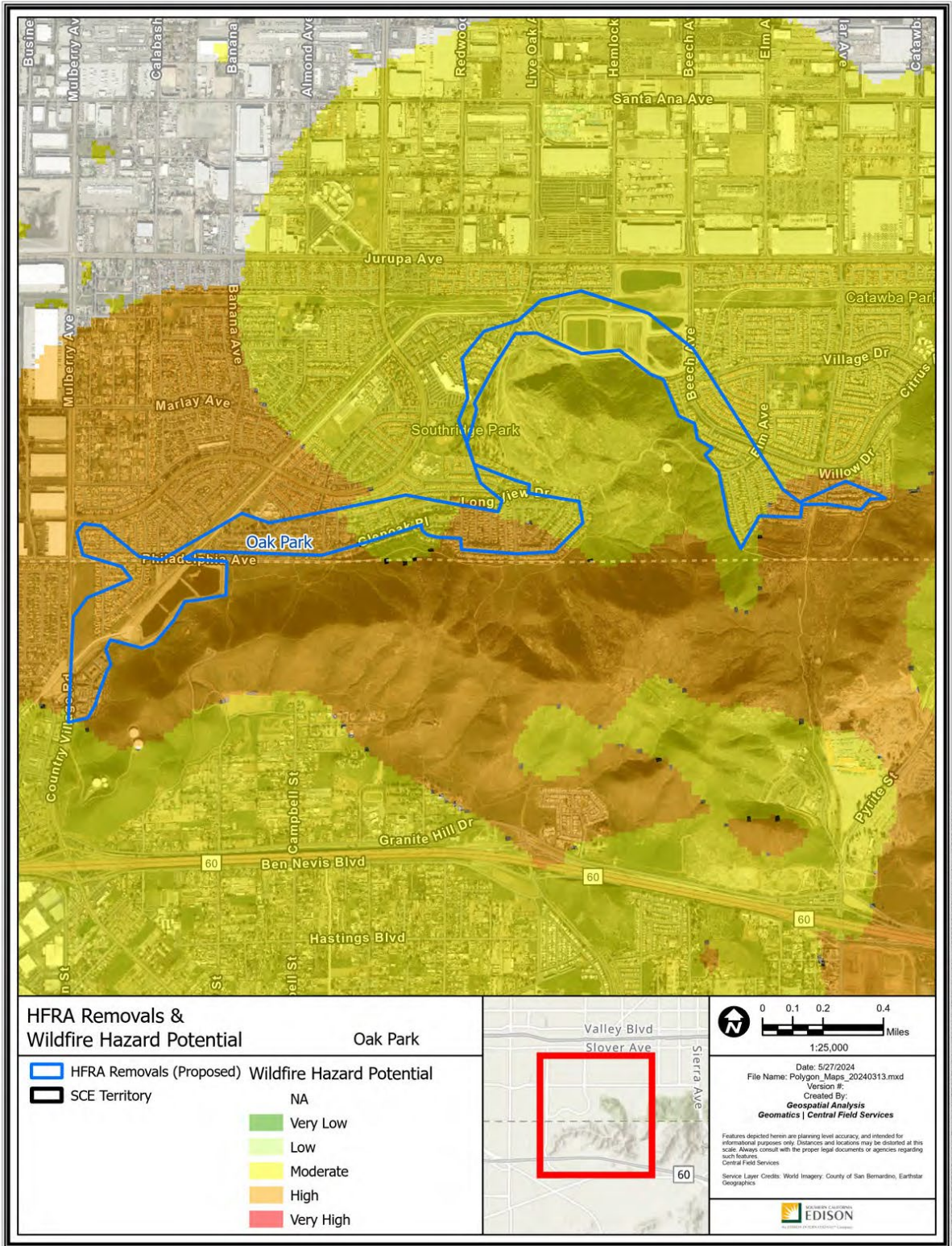
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 1,554 | 2.81° | 3: Moderate | 4% |

This removal features some areas that met threshold levels of IWMS criteria:

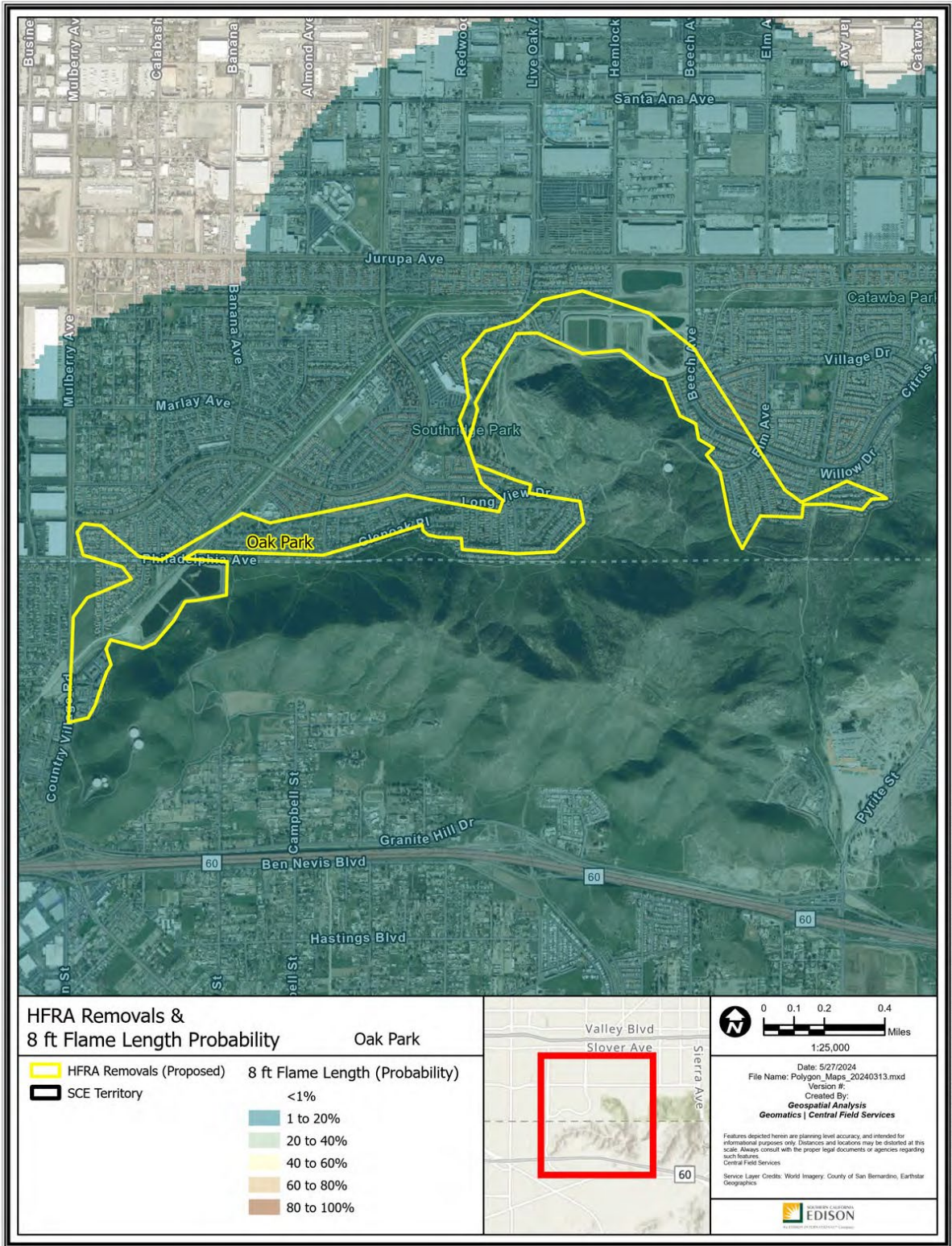
- The polygon overlaps with regions that have a high ratio of population to roadways.
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.
- The polygon overlaps with regions that met burn-in buffer criteria.

Recommendation:

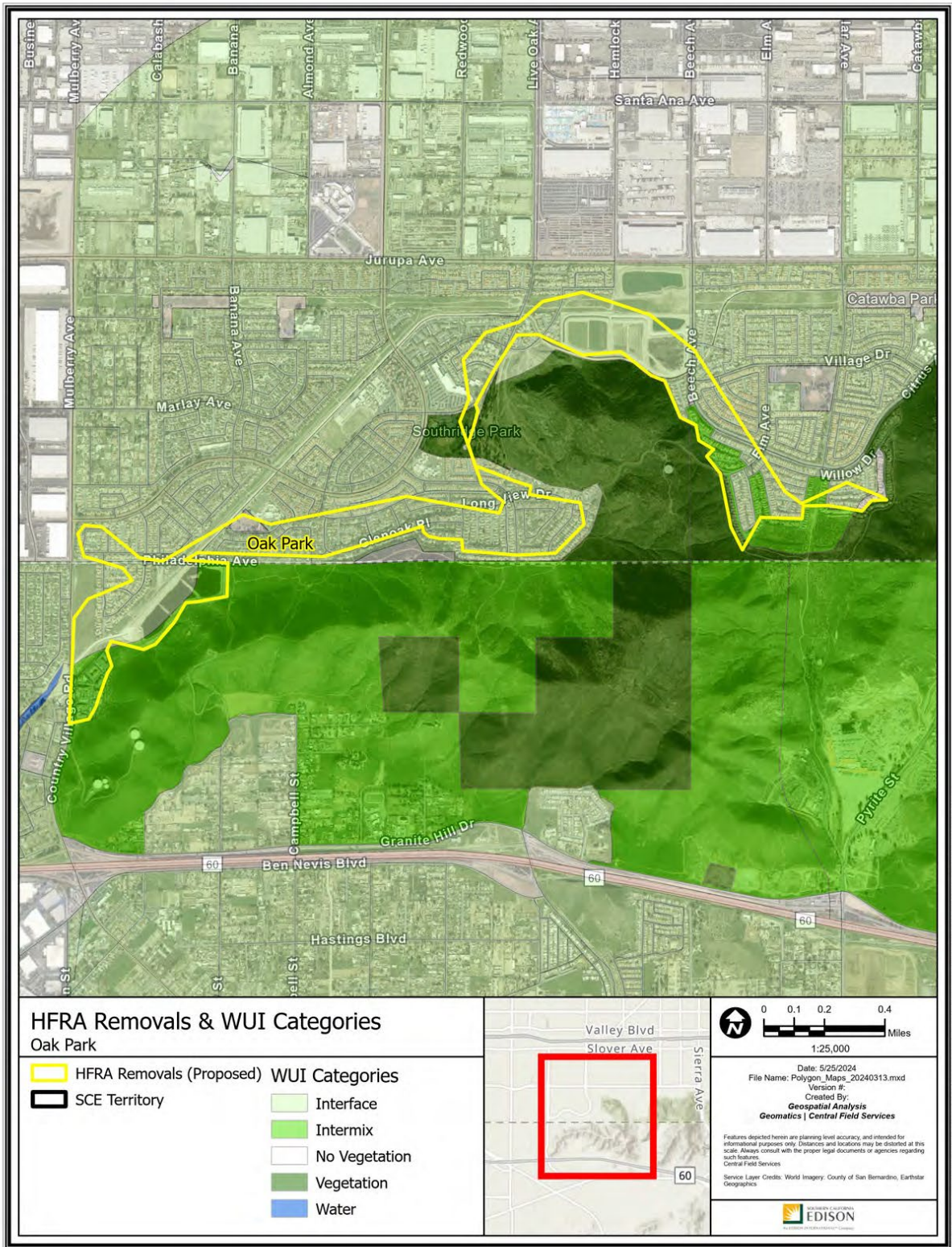
SCE proposes to remove the Oak Park polygon from HFTD. The polygon represents a developed area without the presence of burnable fuels. This removal would better align the polygon’s designation with the similar, non-HFTD developed areas along the base of the mountainous terrain.



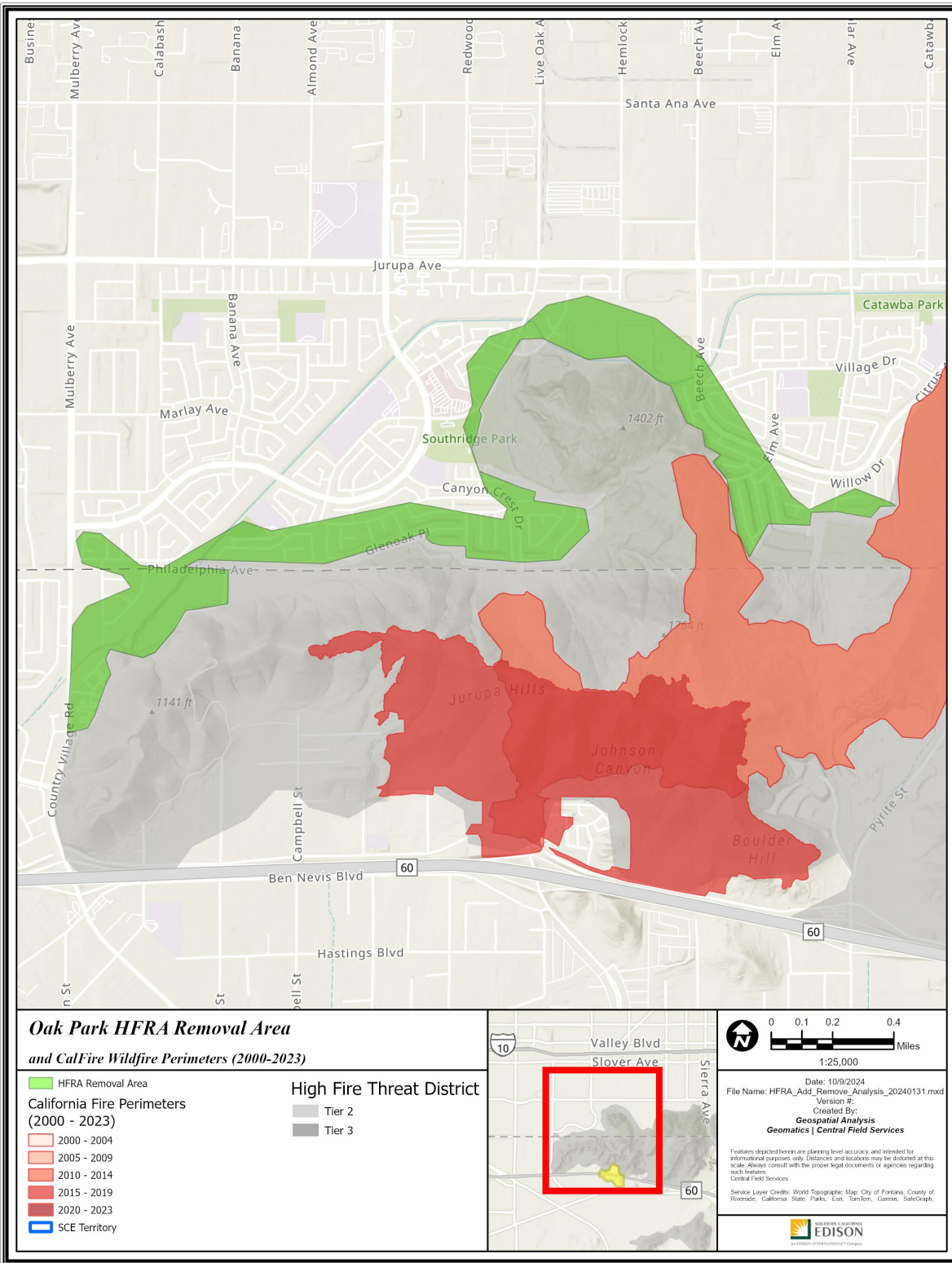
Path: P:\PROJECTS\Special_Projects\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



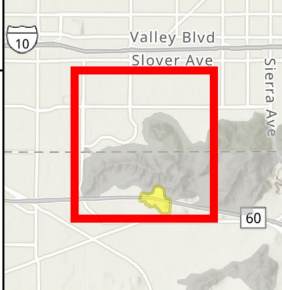
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



**Oak Park HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- HFRA Removal Area
- California Fire Perimeters (2000 - 2023)**
- 2000 - 2004
- 2005 - 2009
- 2010 - 2014
- 2015 - 2019
- 2020 - 2023
- SCE Territory

- High Fire Threat District**
- Tier 2
 - Tier 3



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map: City of Fontana, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.

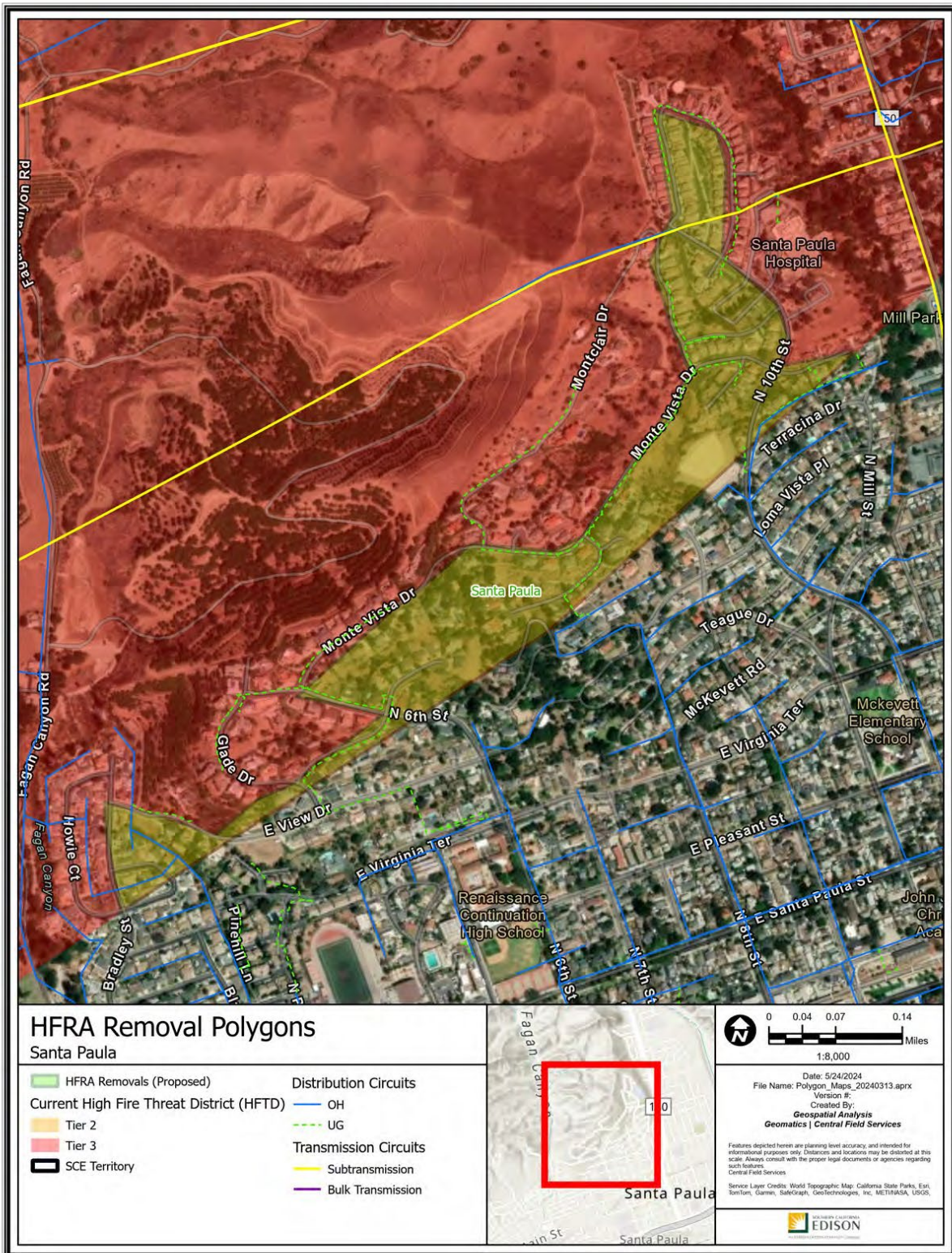
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R29 – Santa Paula

Ventura County

-119.069313, 34.362243

54 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 30.4% | Moderate Load Dry Climate Grass Shrub |
| 26.5% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 12.2% | Urban Core Surrounded by Low Fire Behavior Fuel |
| 11.6% | Bare Ground |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 99.1% | 0.0% | 0.0% | 0.9% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.34 | 1.18 | 0.07 | 0 | 0 | 1.59 |

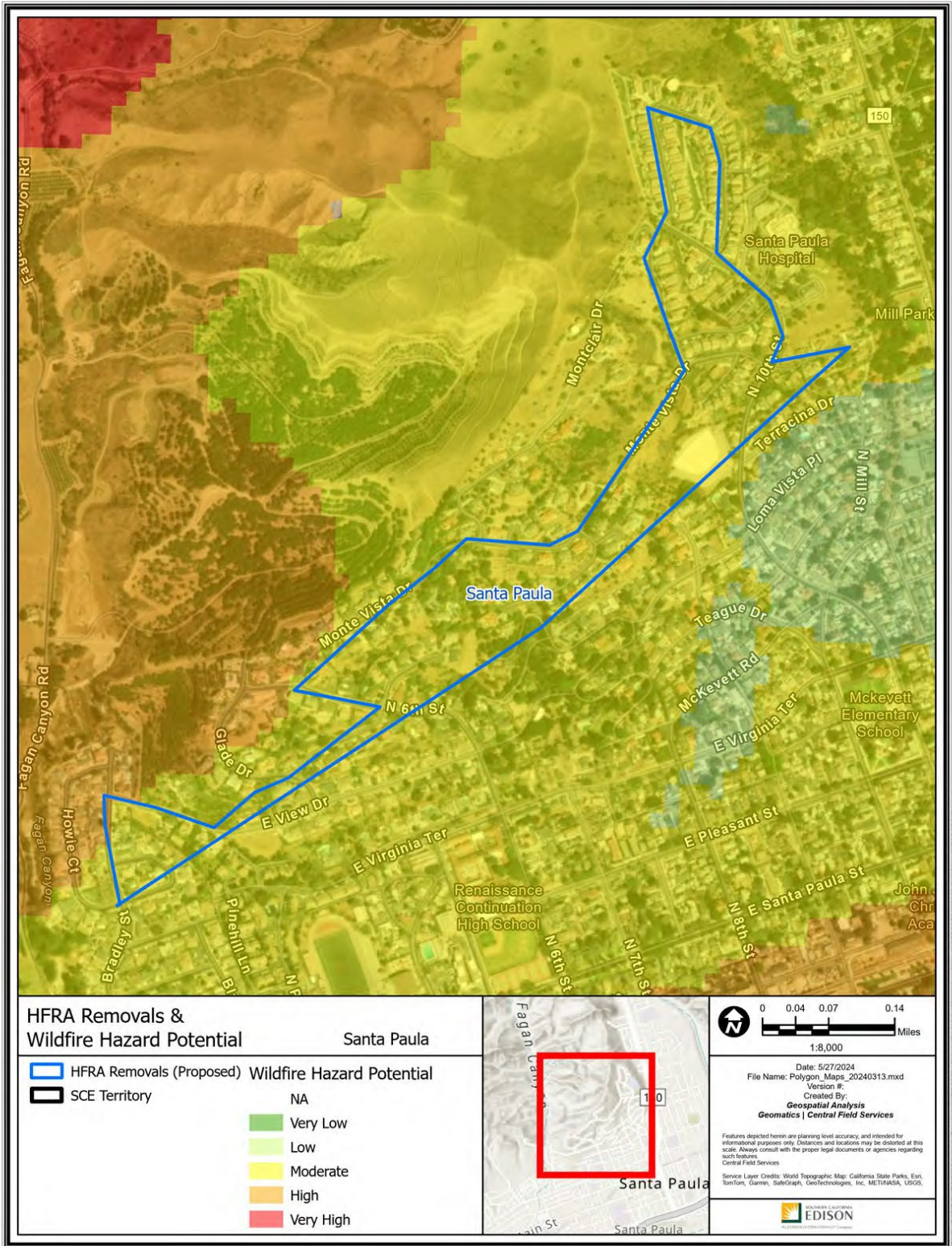
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 135 | 10.85° | 3: Moderate | 7% |

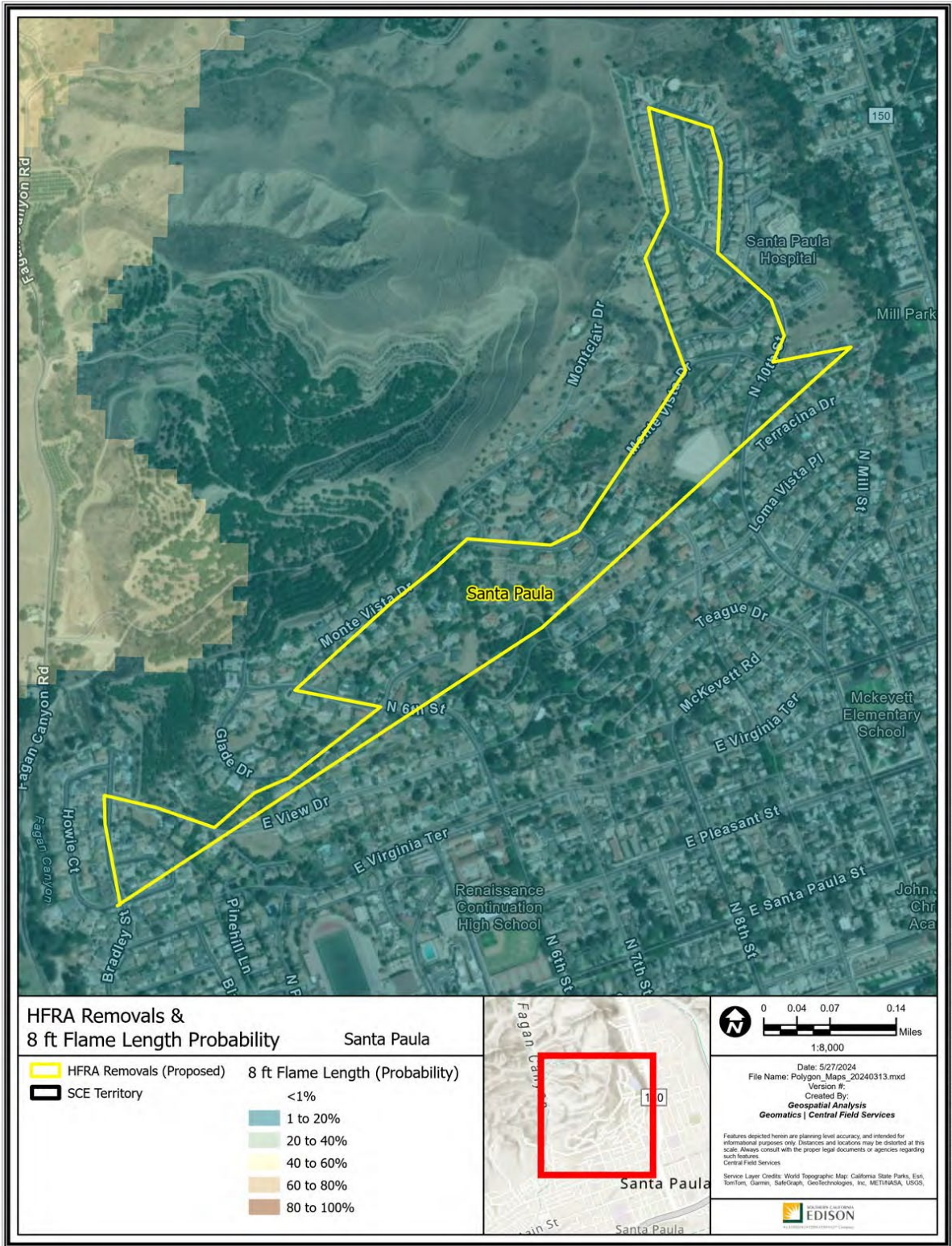
This removal features some areas that met threshold levels of IWMS criteria:

- The polygon overlaps with regions that met burn-in buffer criteria.

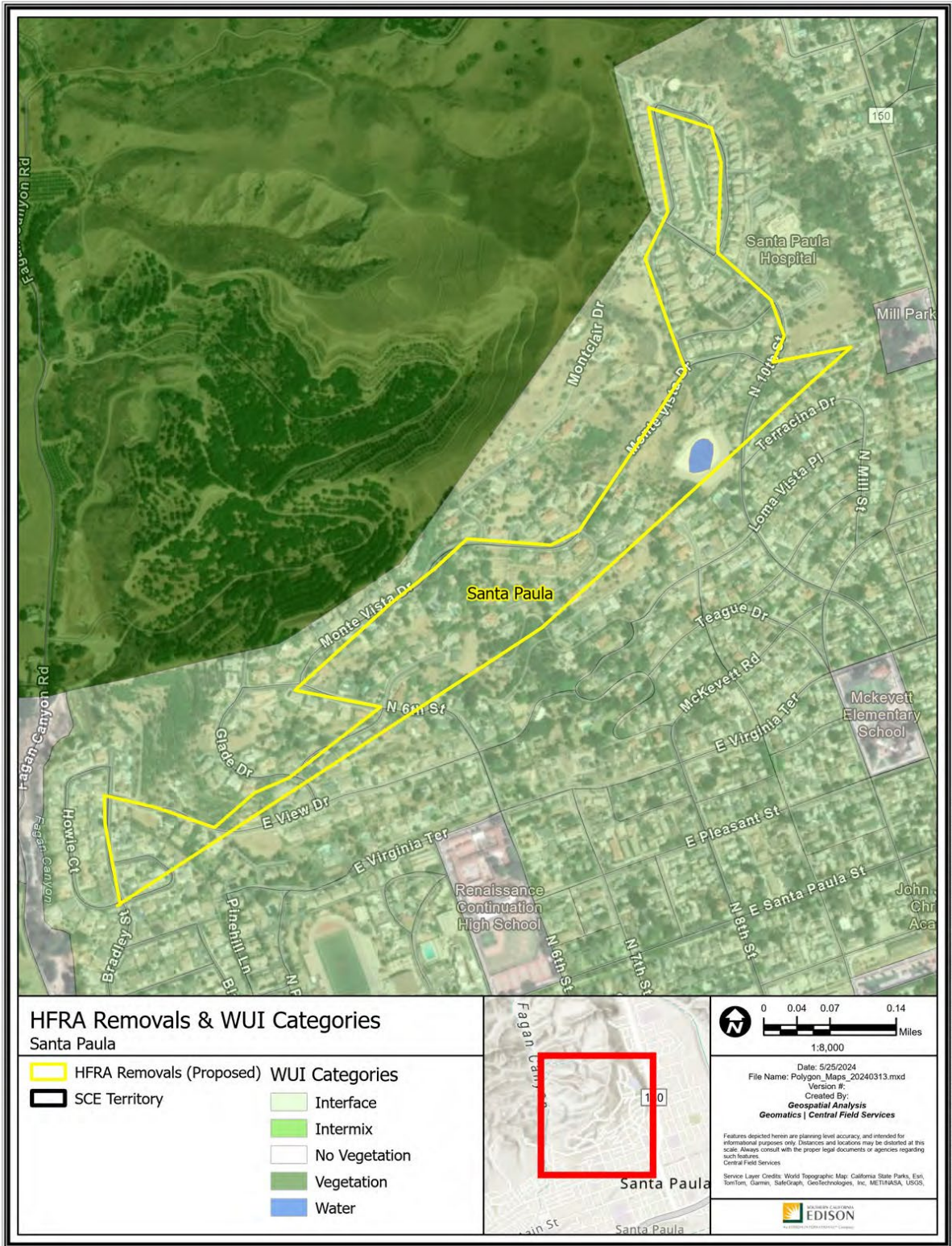
Recommendation:

SCE proposes to remove the Santa Paula polygon from HFTD. The polygon is comprised of a developed area without the presence of burnable fuels. This removal would better align the polygon’s designation with local characteristics because the polygon is consistent with the urbanized, non-HFTD along the southern edge of the more rural terrain. The roads along the proposed new HFTD boundary serve as a firebreak.





Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Santa Paula

- | | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



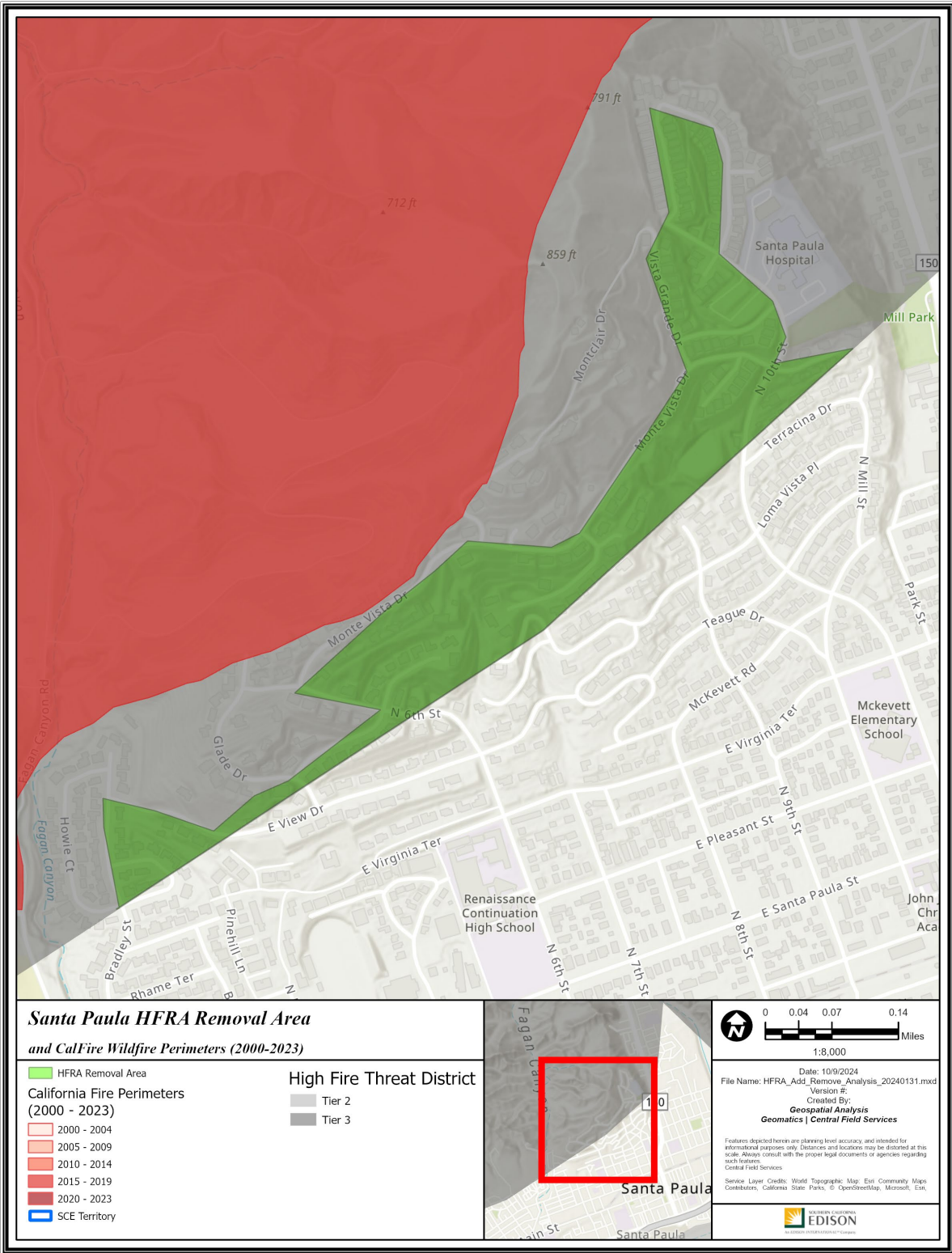
0 0.04 0.07 0.14
Miles
1:8,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #: 1
Created By: Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: World Topographic Map, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METRASA, USGS.

Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



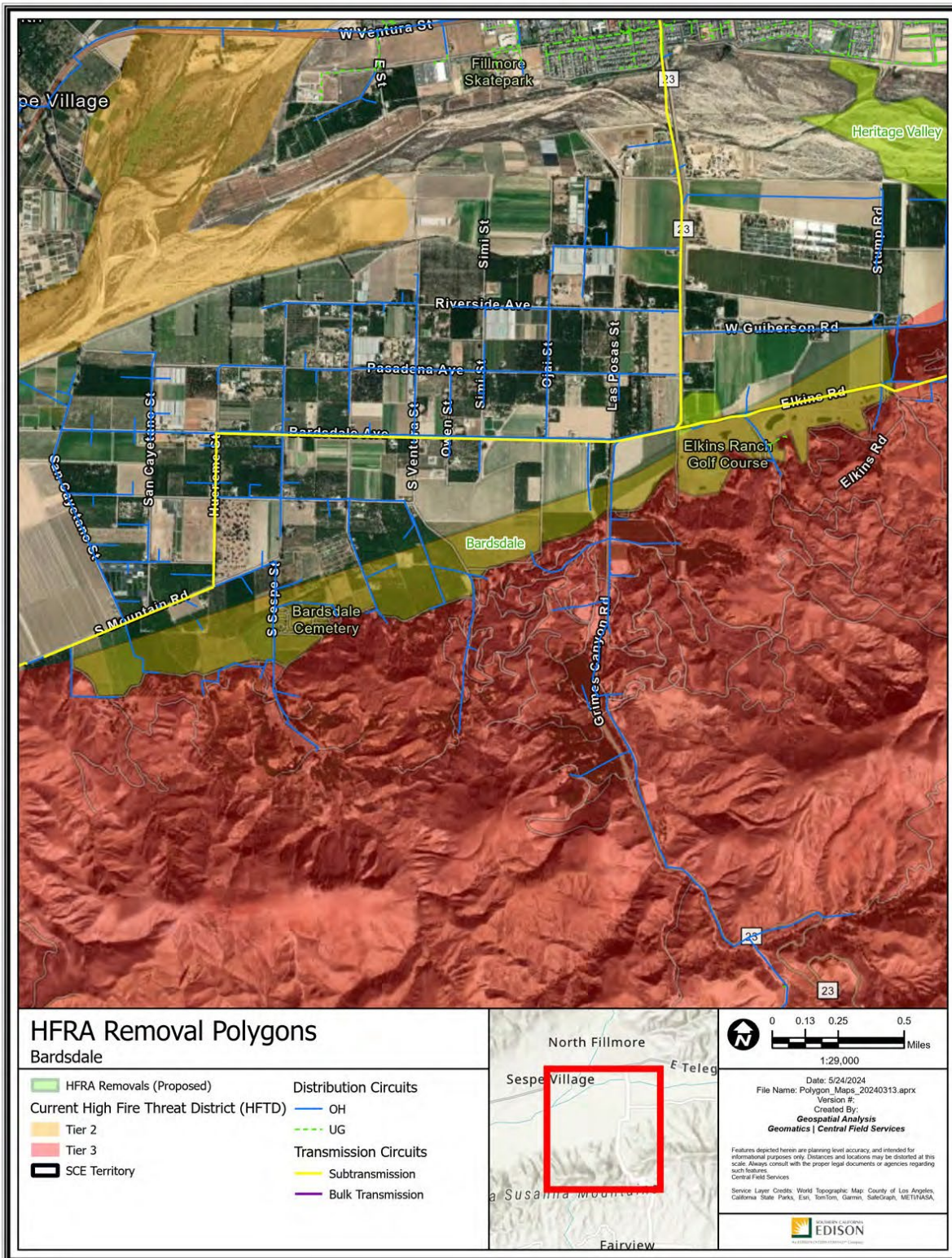
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\FHRA_Adt_Remove_Analysis_20240131.aprx

R30 – Bardsdale

Ventura County

-118.927683, 34.366275

418 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 54.2% | Agricultural Fields Maintained in a Non Burnable Condition |
| 16.4% | Golf Courses Non Burnable |
| 10.7% | Moderate Load Dry Climate Grass Shrub |
| 9.2% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 23.8% | 50.7% | 24.8% | 0.7% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 3.46 | 0.05 | 1.78 | 0 | 0 | 5.29 |

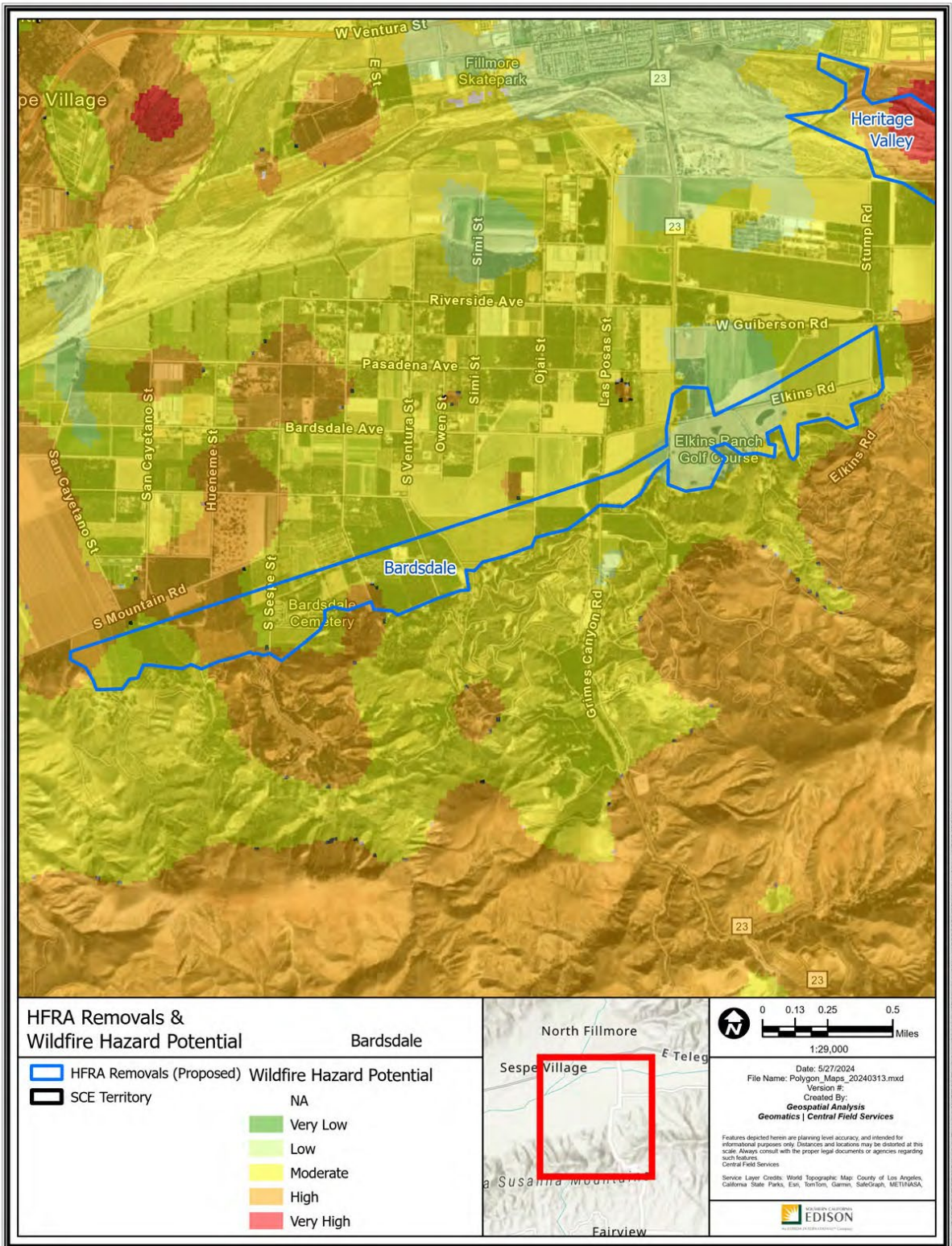
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 30 | 3.49° | 3: Moderate | 5% |

This removal features some areas that met threshold levels of IWMS criteria:

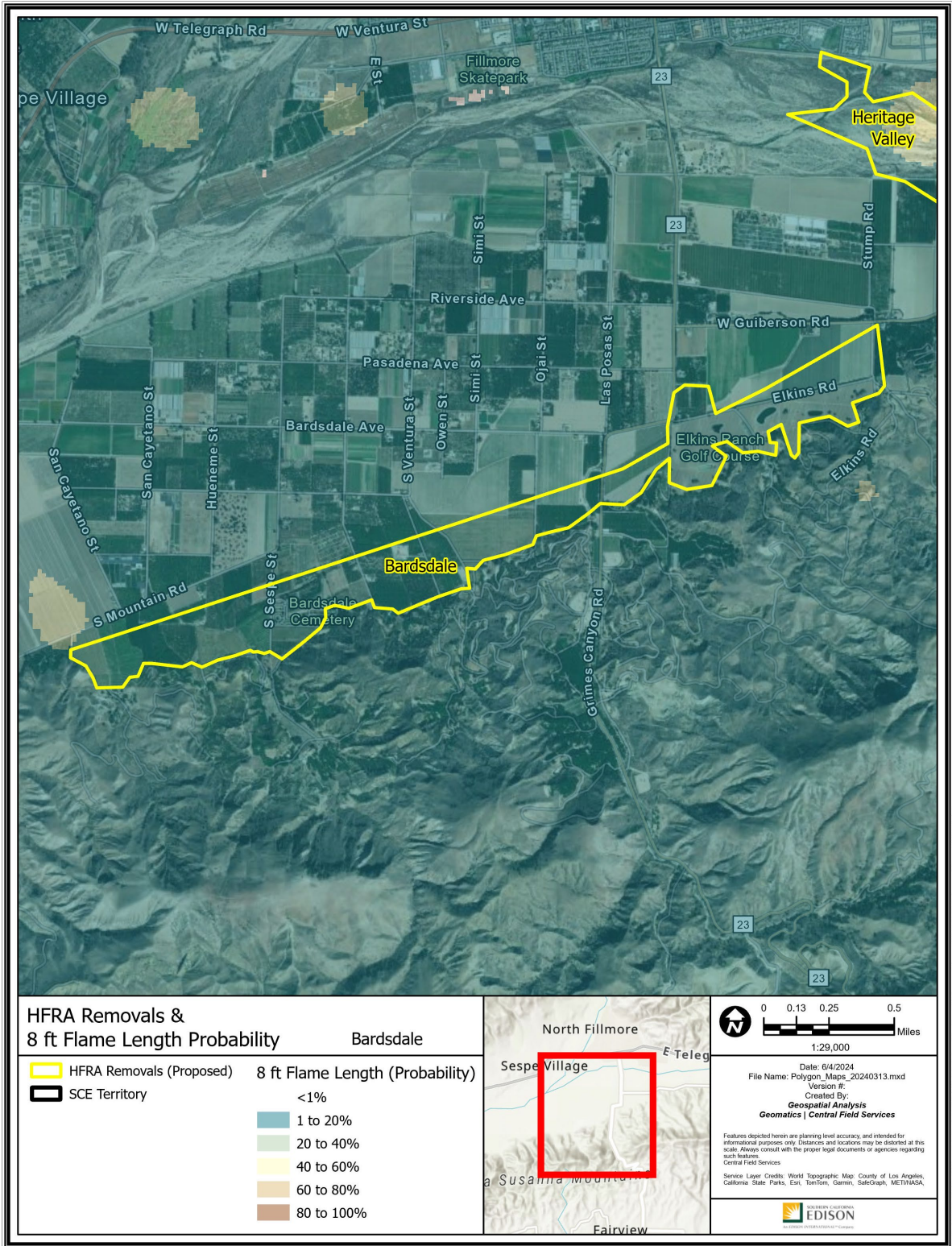
- The polygon overlaps with regions that have high wind exposure.
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.

Recommendation:

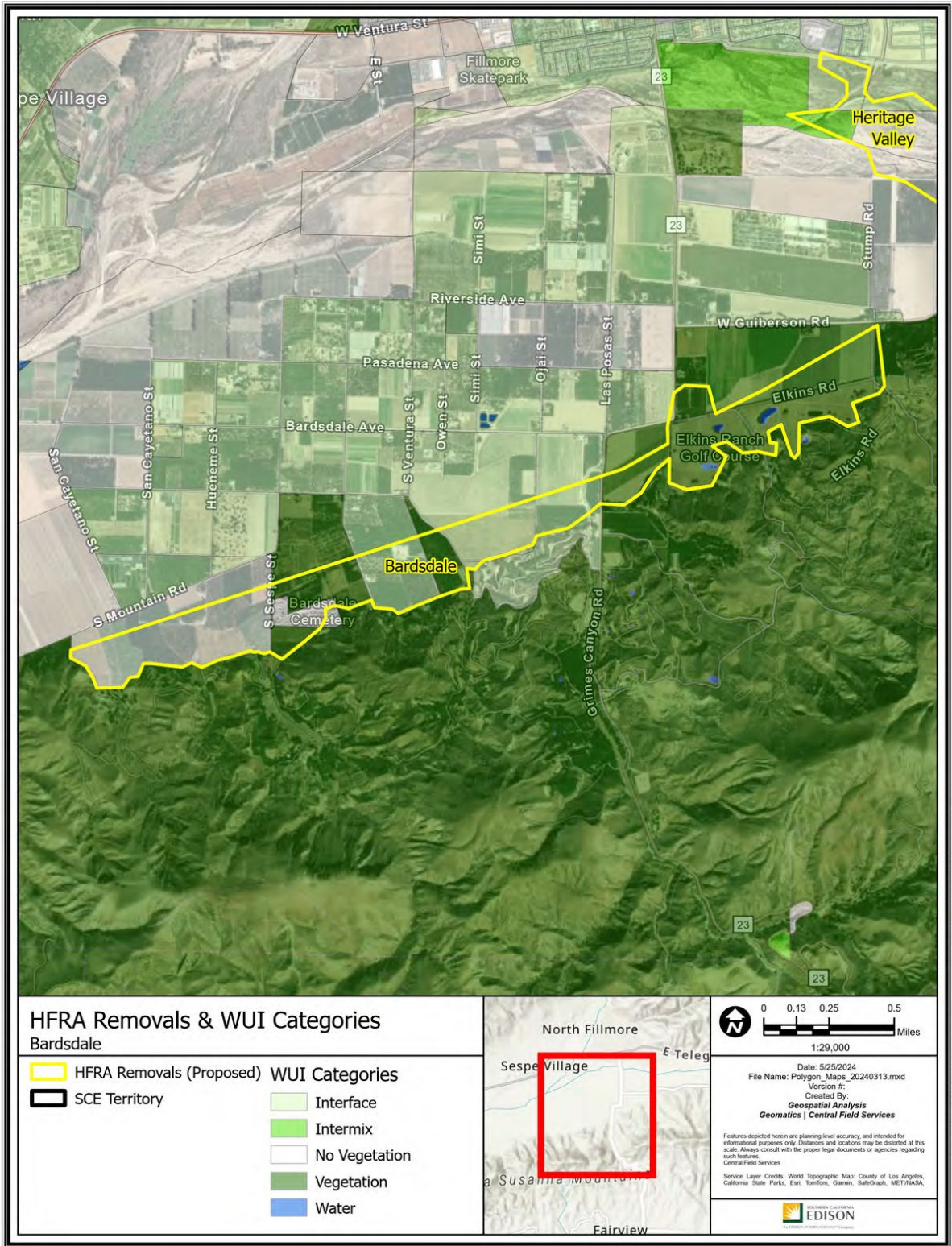
SCE proposes to remove the Bardsdale polygon from HFTD. This polygon is in a developed area without the presence of burnable fuels. SCE's proposed updated HFTD boundary would exclude irrigated agricultural fields leading up to the complex terrain. The non-complex terrain in this polygon may better accommodate fire suppression and slow the spread of a fire relative to adjacent complex terrain.



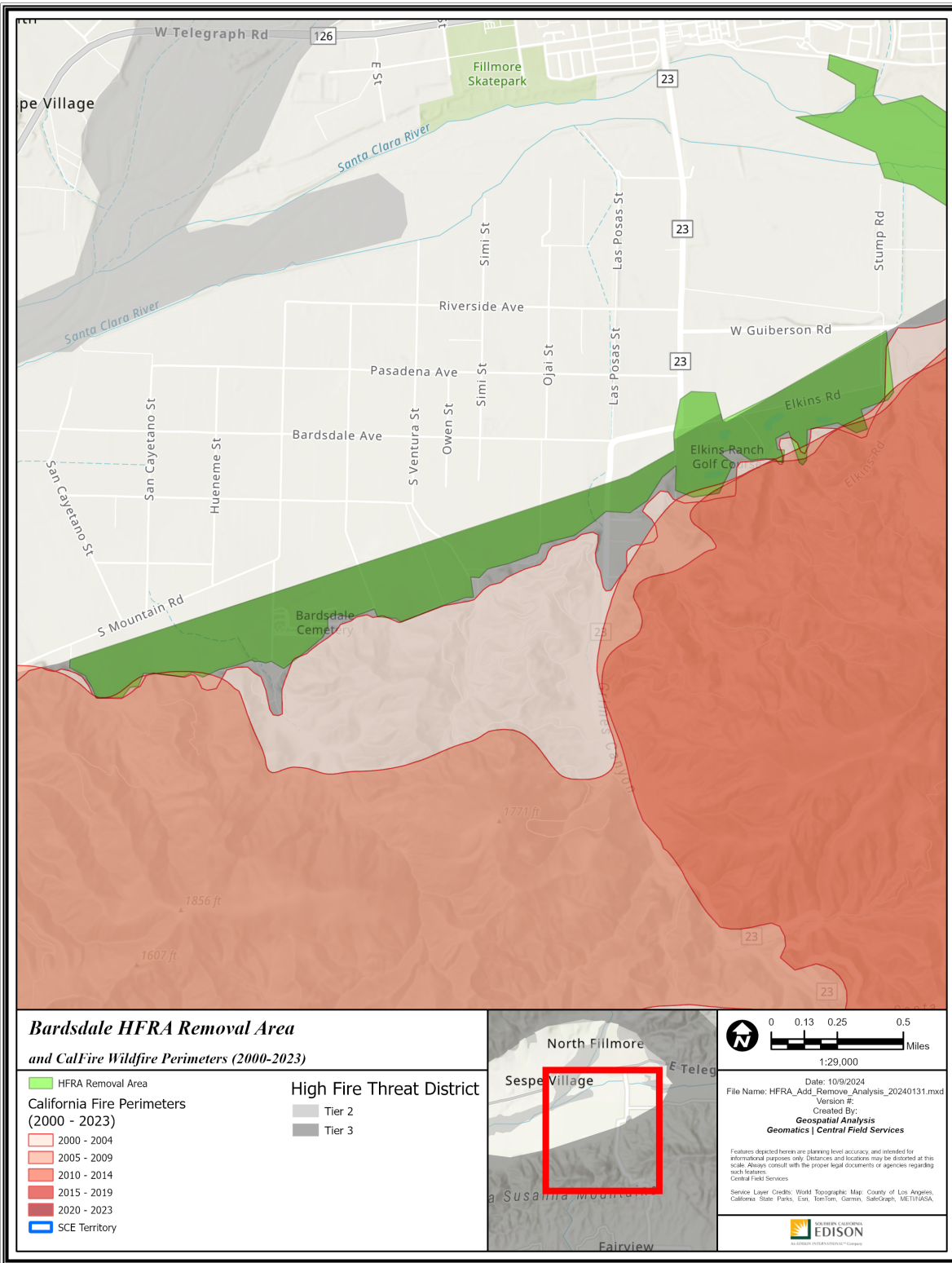
Path: P:\PROJECTS\Spatial_Analysis\Bardsdale\Bardsdale_HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Progects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



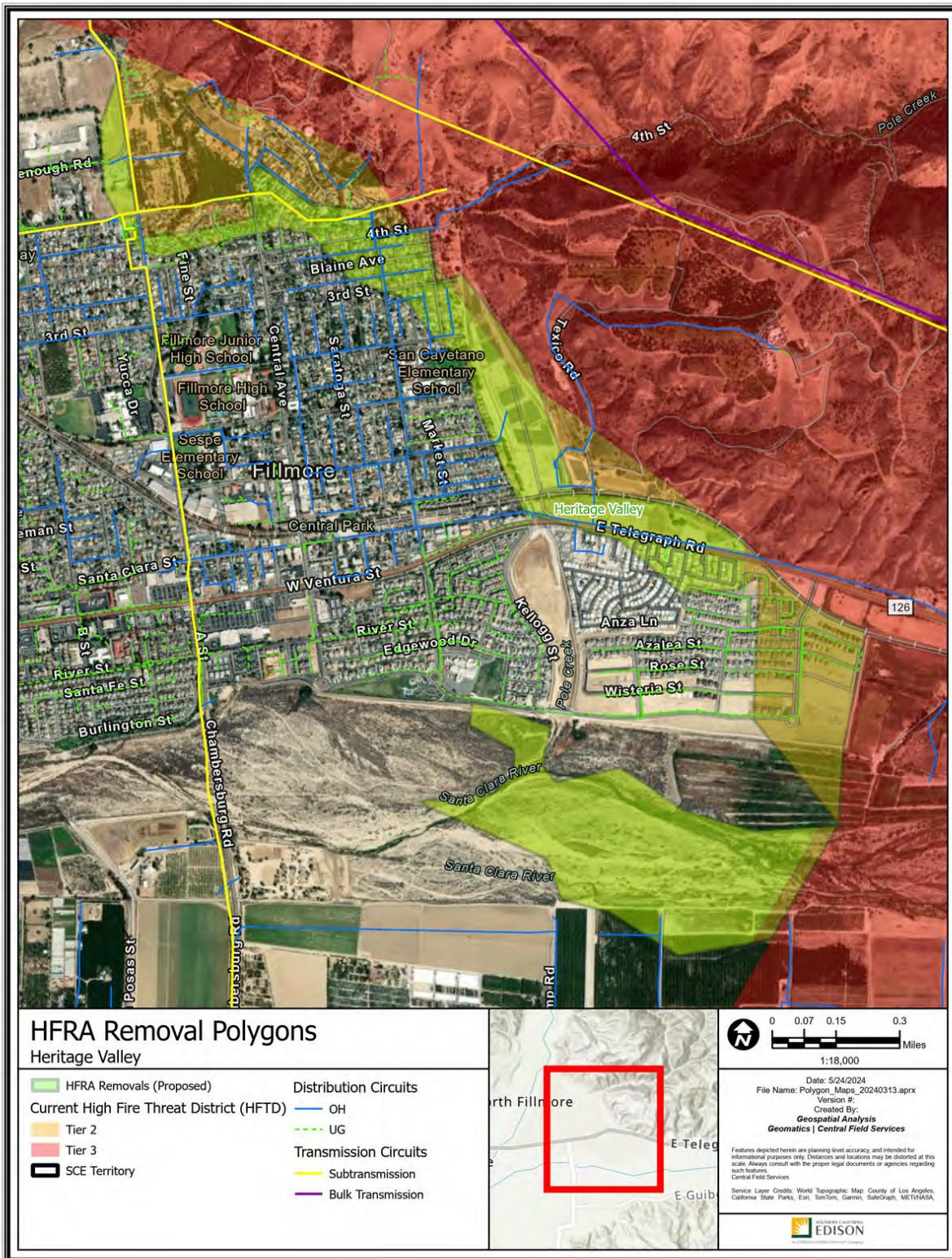
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R31 – Heritage Valley

Ventura County

-118.901263, 34.395864

361 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 39.9% | Moderate Load Dry Climate Grass Shrub |
| 14.4% | Low Load Dry Climate Shrub |
| 12.6% | Low Load Dry Climate Grass |
| 7.3% | Non Burnable Urban Areas |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 3.2% | 44.1% | 8.3% | 44.5% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 2.99 | 2.29 | 0.46 | 0 | 0 | 5.74 |

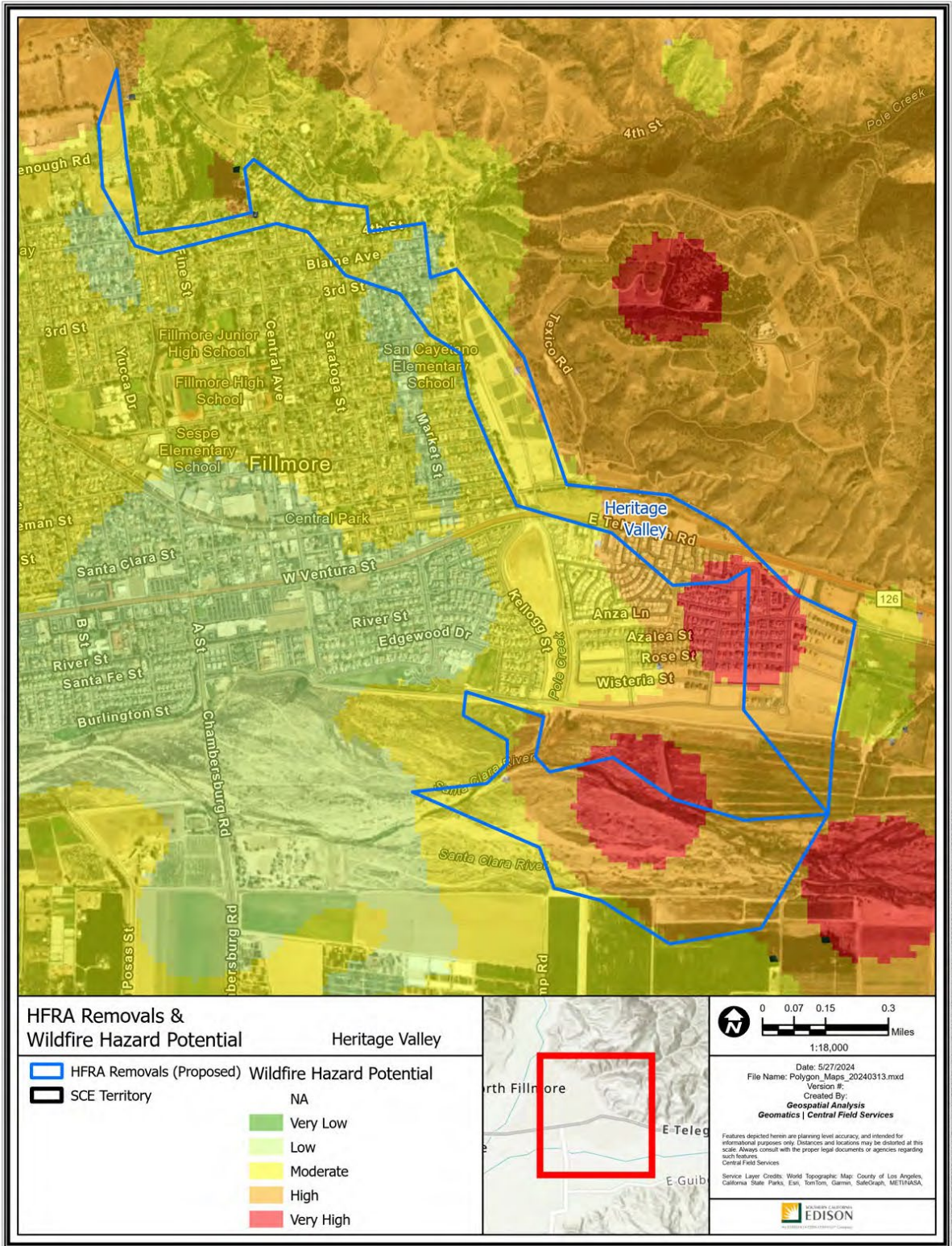
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 337 | 1.54° | 4: High | 11% |

This removal features some areas that met threshold levels of IWMS criteria:

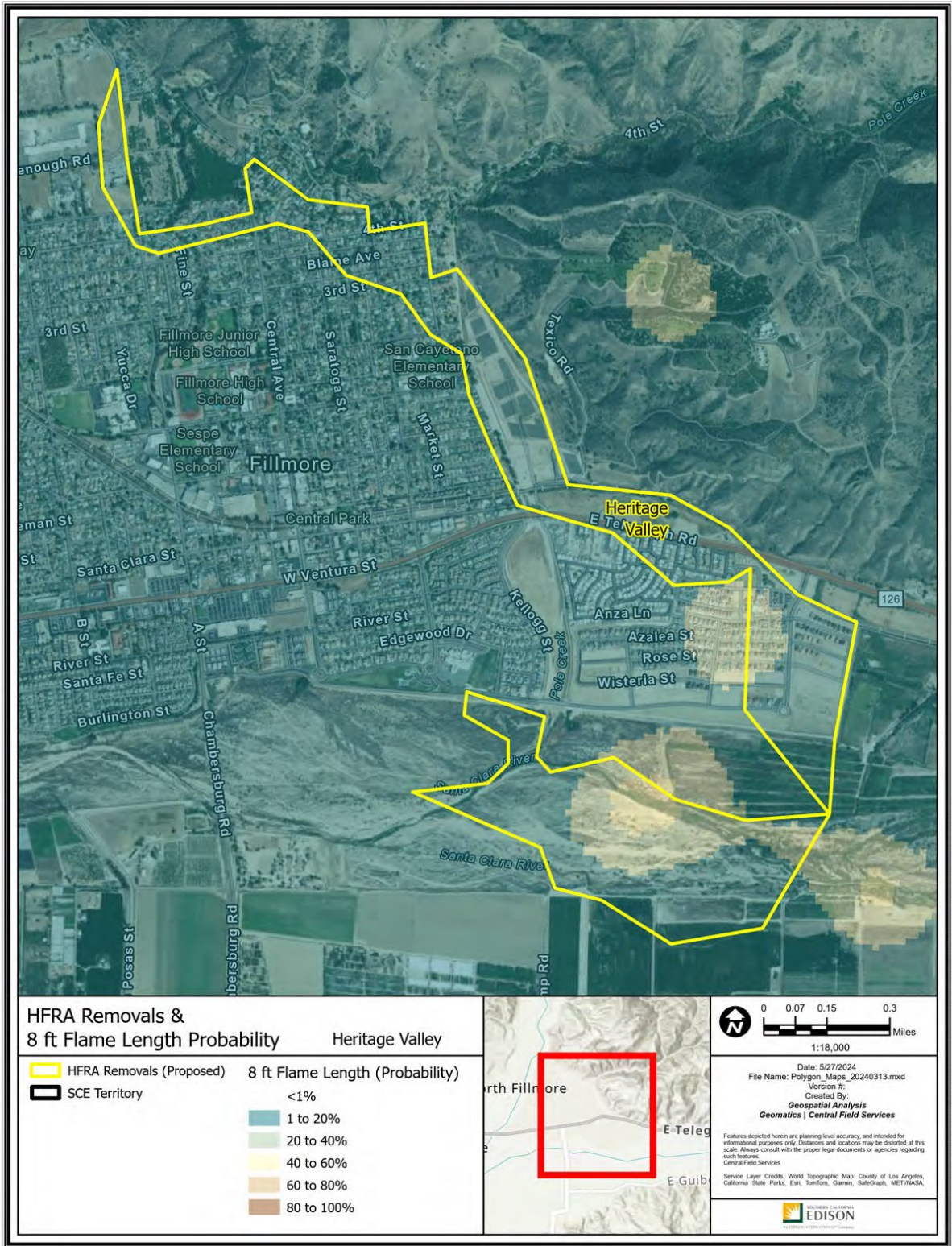
- The polygon overlaps with regions that have a high ratio of population to roadways.
- The polygon overlaps with regions that met burn-in buffer criteria.

Recommendation:

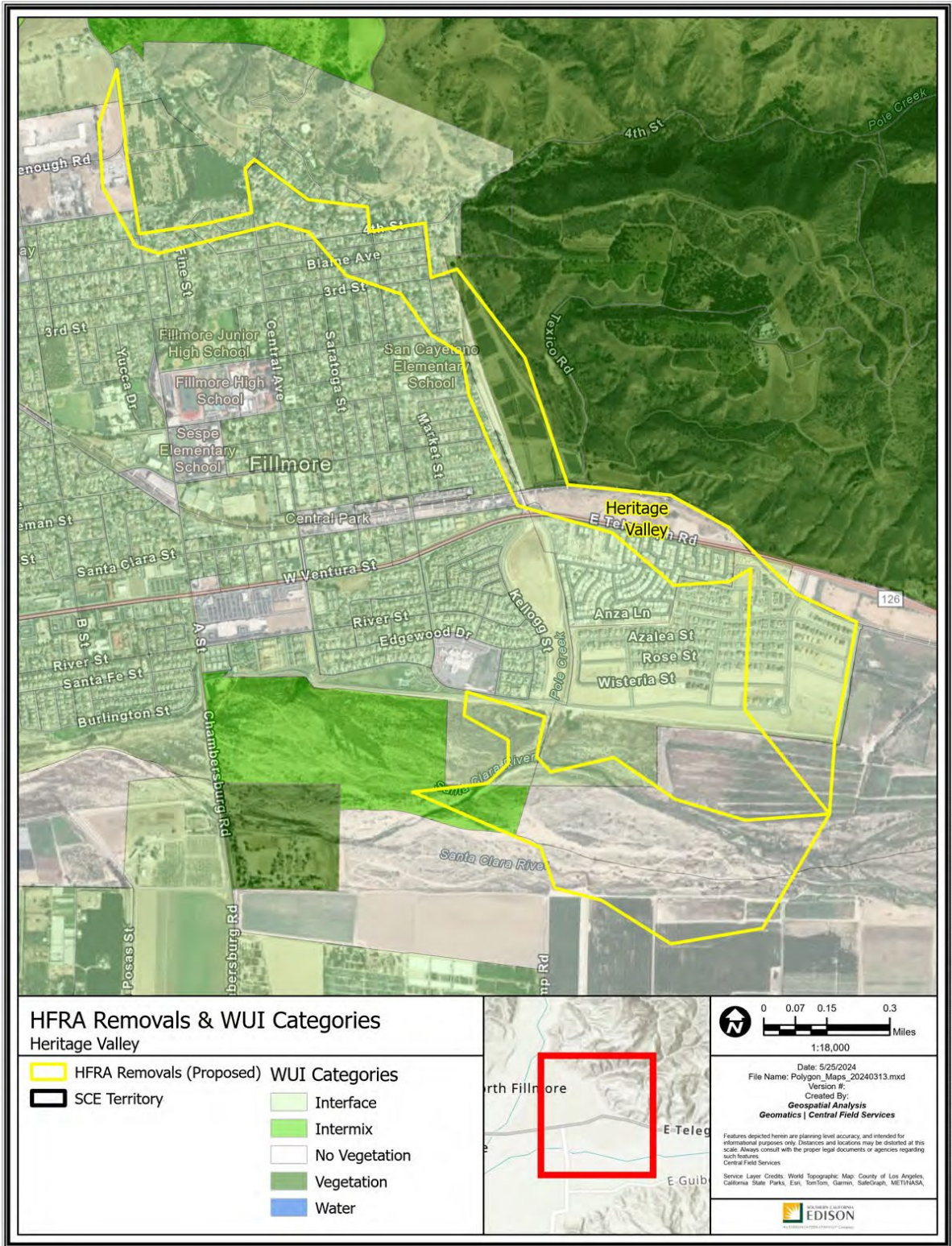
SCE proposes to remove the Heritage Valley polygon from HFTD. The polygon represents a developed area without the presence of burnable fuels. SCE's proposed updated boundary would exclude urbanized and wetland regions adjacent to non-HFTD.



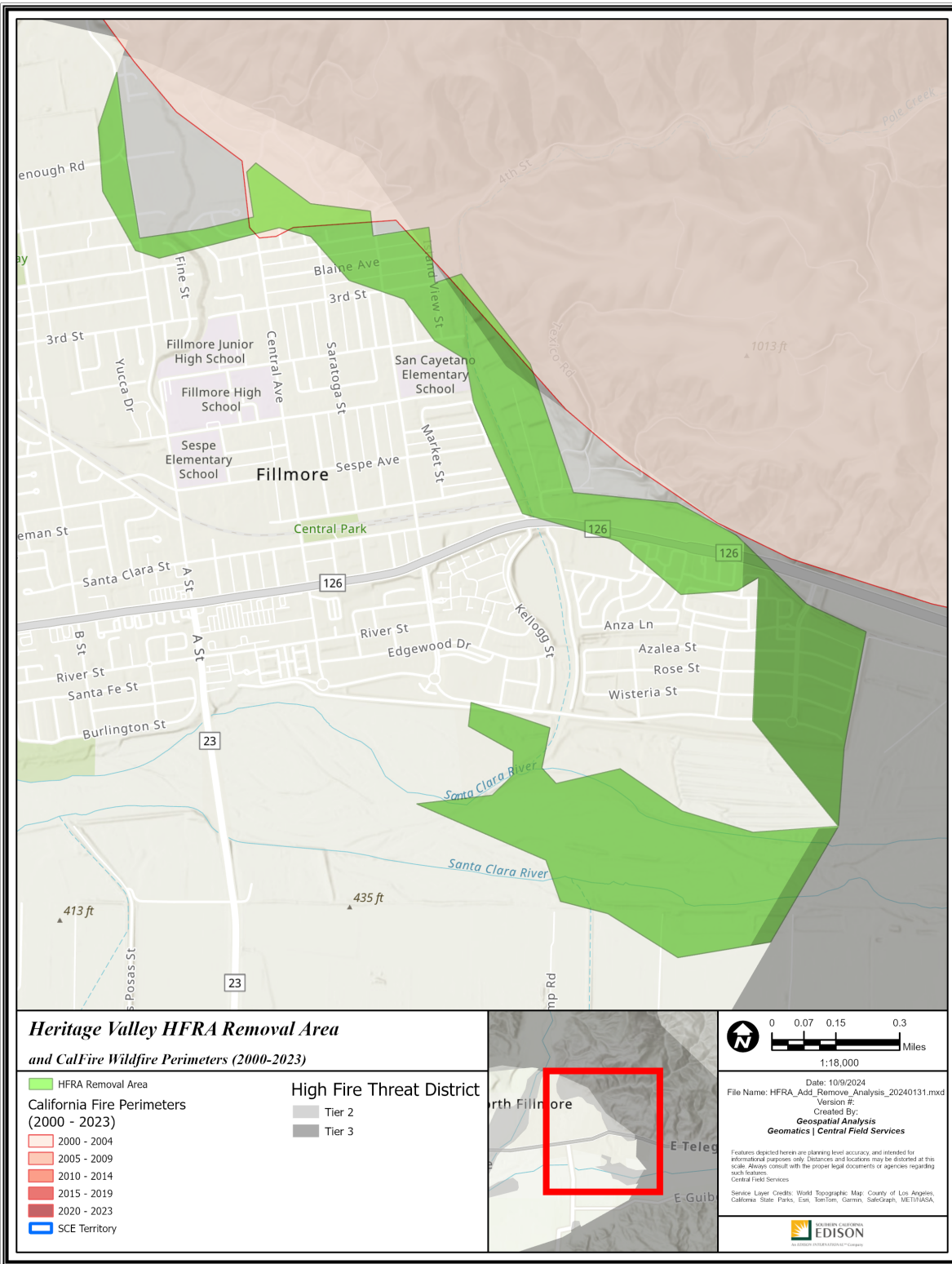
Path: P:\PROJECTS\Spatial_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



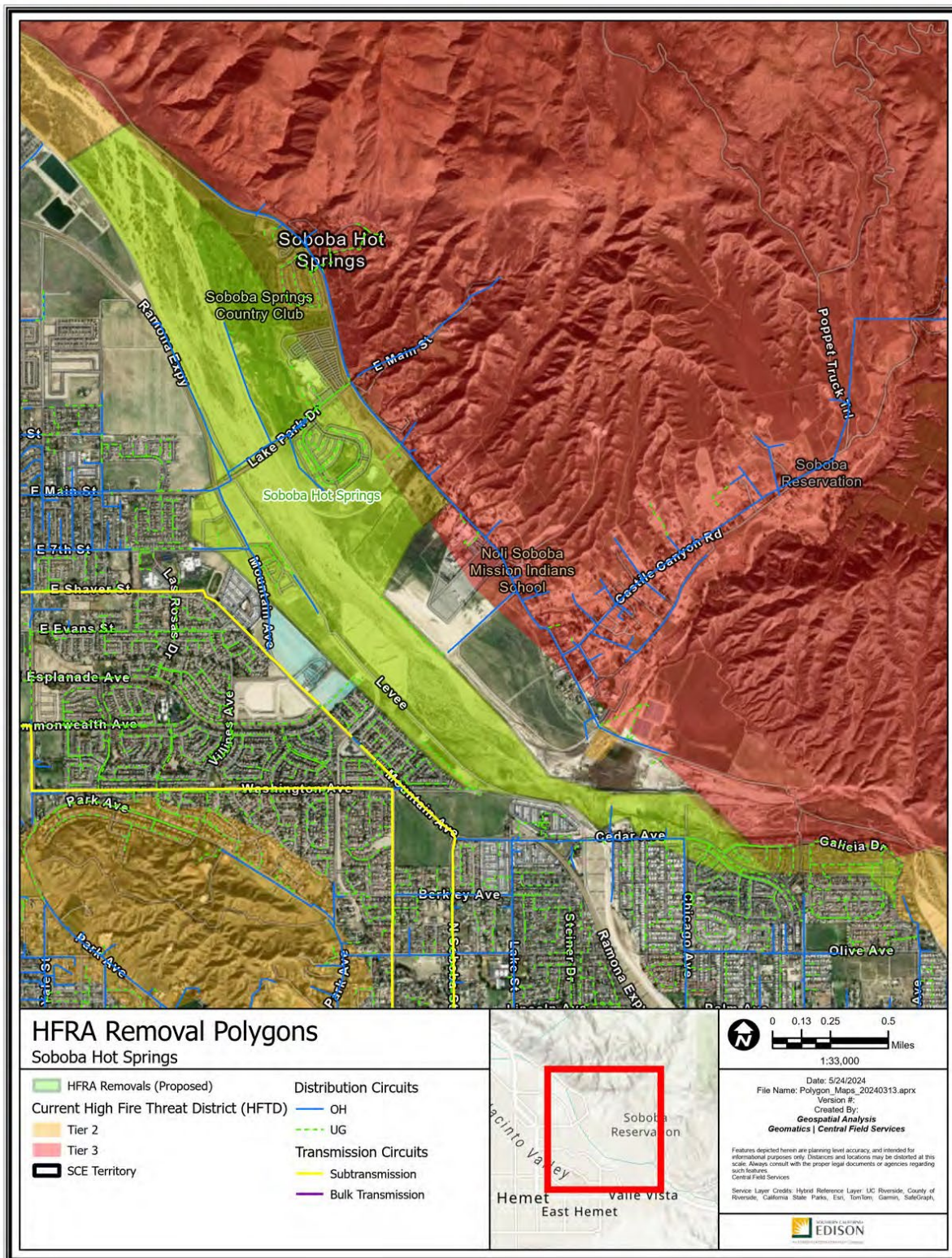
Path: P:\PROJECTS\Special_P\Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R32 – Soboba Hot Springs

Riverside County

-116.927498, 33.783859

1,391 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 31.4% | Moderate Load Dry Climate Grass Shrub |
| 28.6% | Low Load Dry Climate Shrub |
| 10.1% | Golf Courses Non Burnable |
| 6.7% | Low Load Dry Climate Grass Shrub |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 30.4% | 12.8% | 39.5% | 17.3% | 100% |

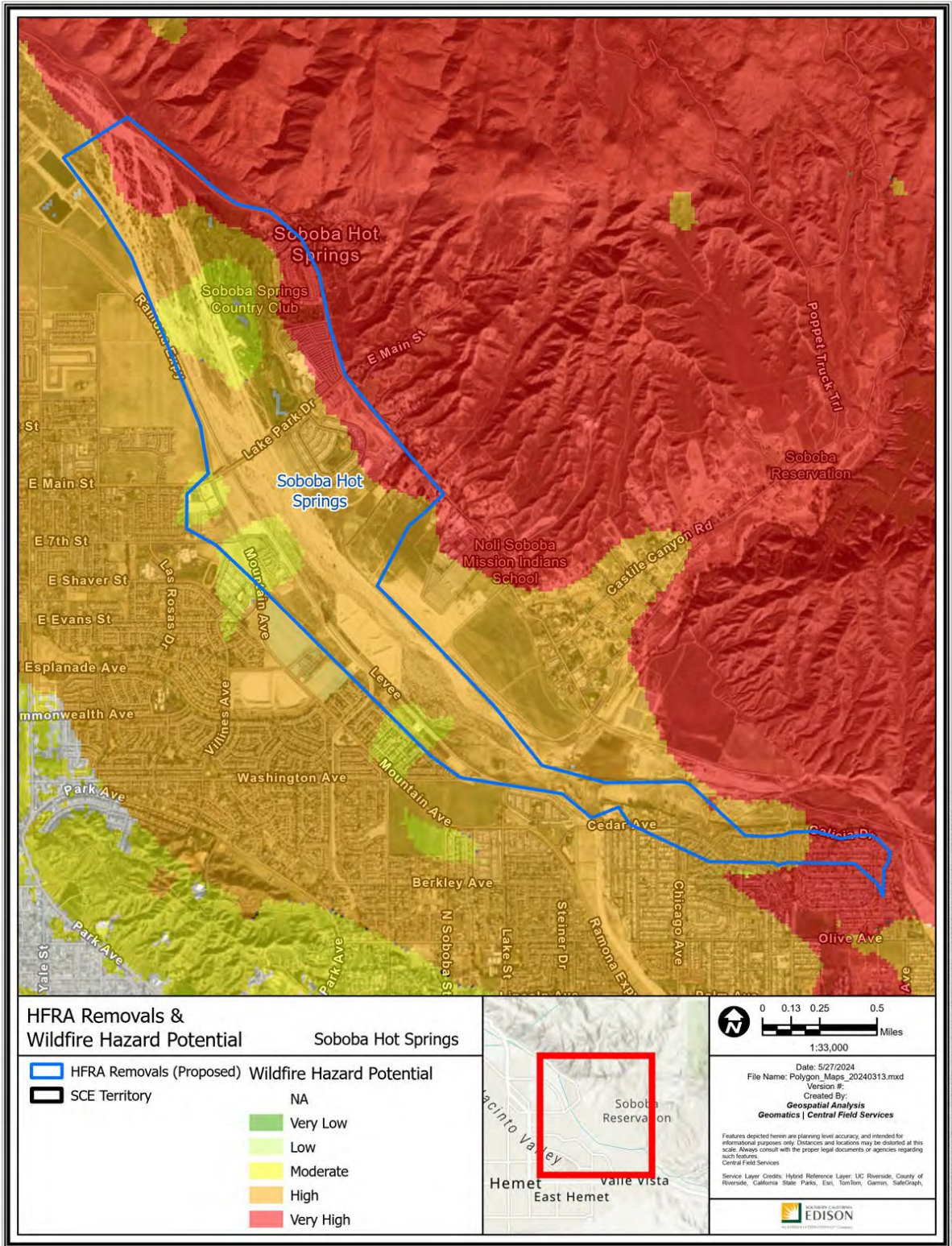
| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 5.91 | 10.11 | 0 | 0 | 0 | 16.02 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 891 | 0.76° | 4: High | 10% |

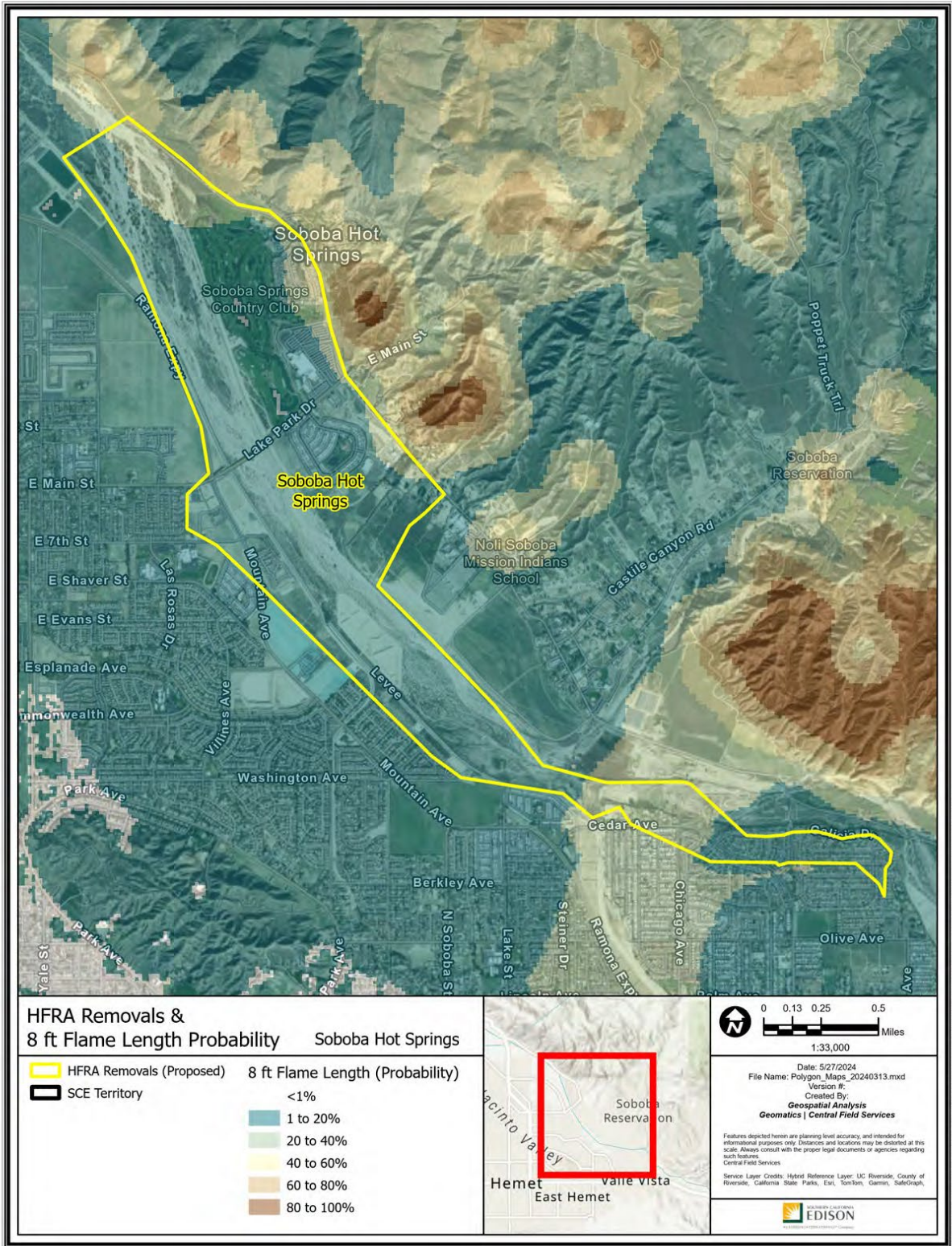
Recommendation:

SCE proposes to remove the Soboba Hot Springs polygon from HFTD. The proposed removal excludes a golf course, waterway, and small urbanized areas from the HFTD. In particular:

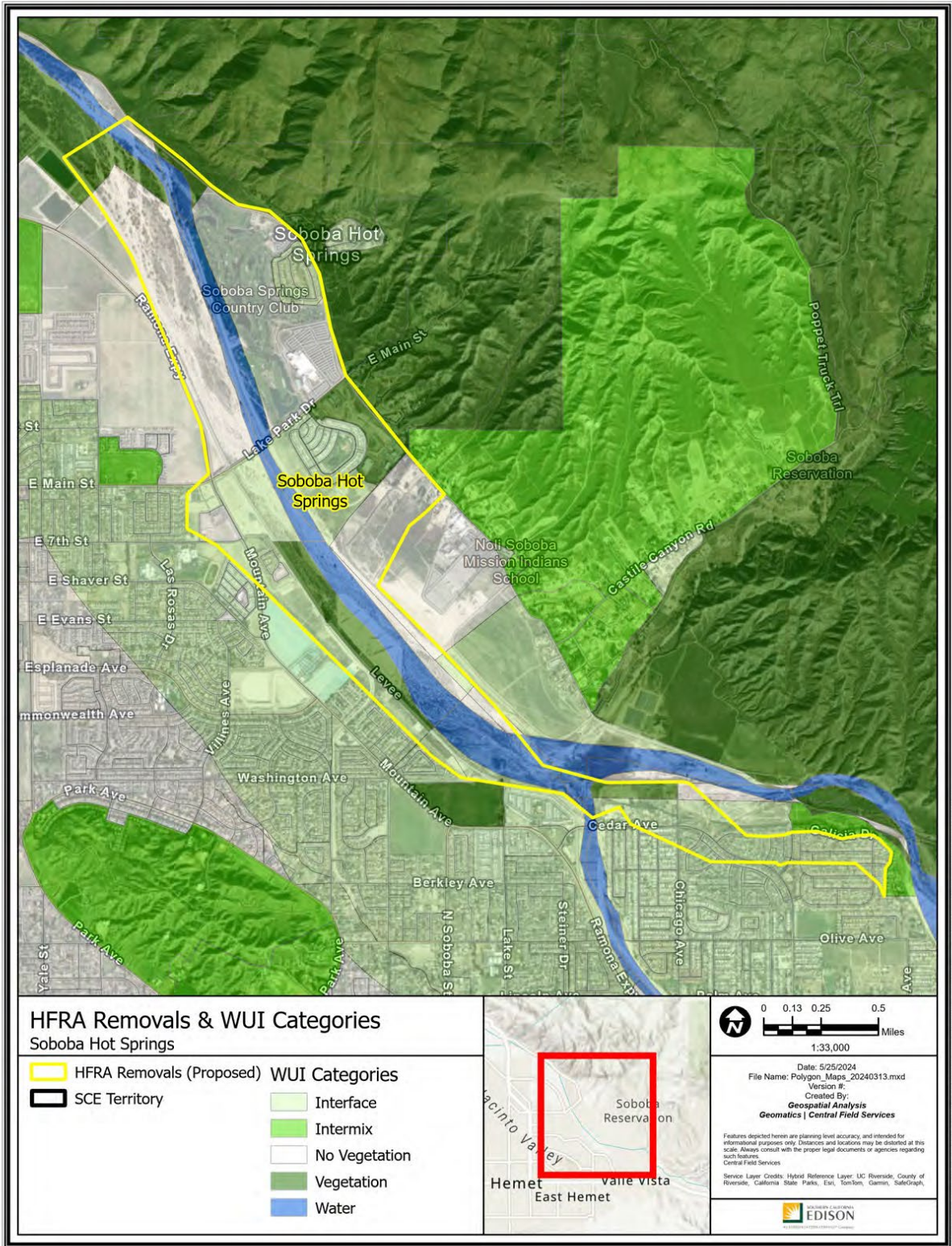
1. The golf course and urban developments are well-maintained and irrigated.
2. Waterways have no continuous burnable loads and would be unlikely to sustain fire spread.
3. Polygon boundaries were drawn along the edge of the golf course and wash, to a location before substantial fuel loads begin.



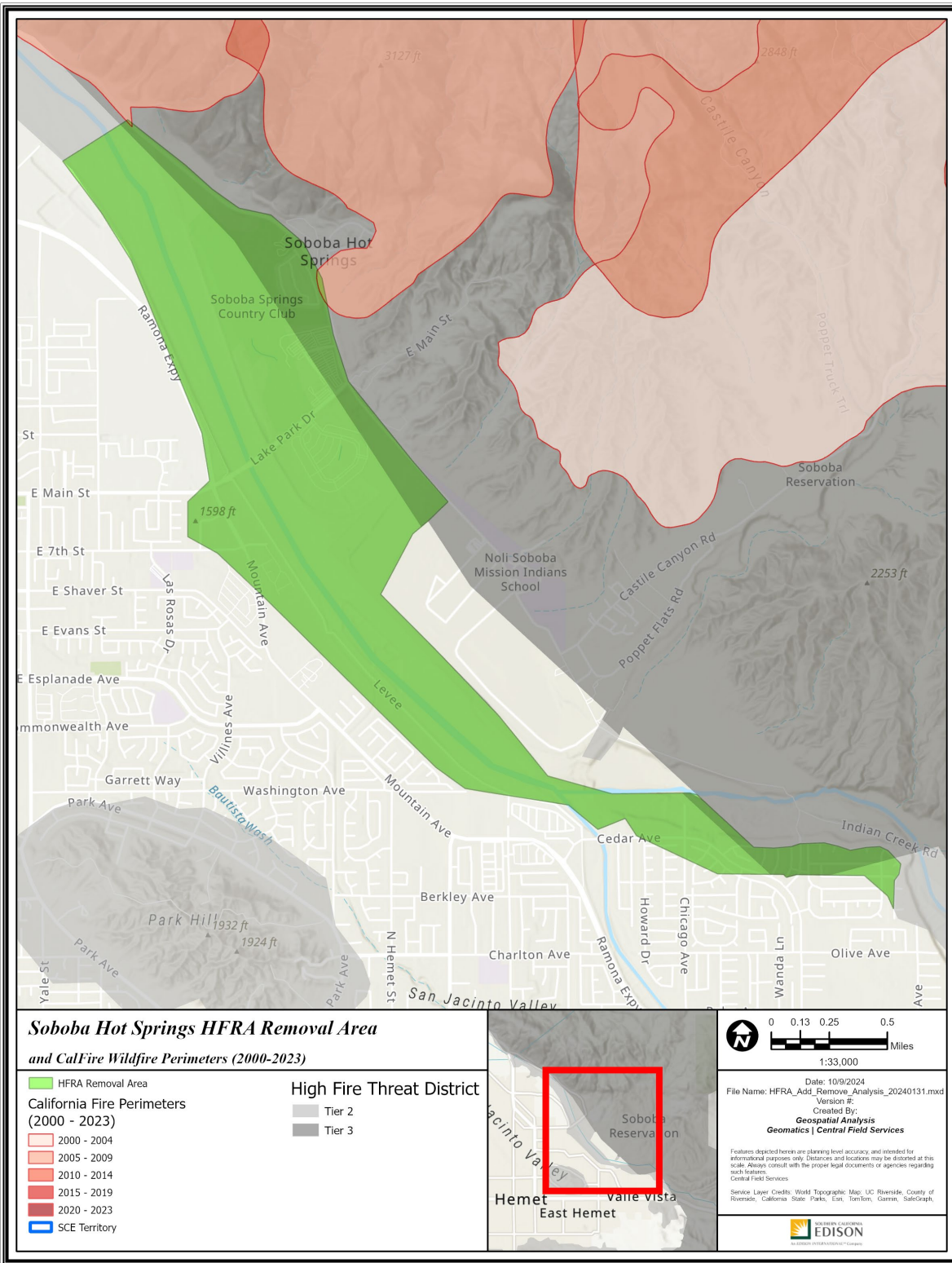
Path: P:\PROJECTS\Spatial_Analysis\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

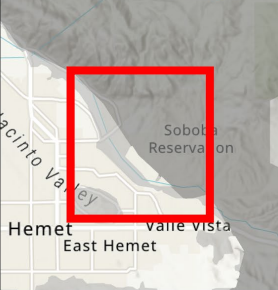


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Soboba Hot Springs HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- HFRA Removal Area
- California Fire Perimeters (2000 - 2023)
 - 2000 - 2004
 - 2005 - 2009
 - 2010 - 2014
 - 2015 - 2019
 - 2020 - 2023
- SCE Territory
- High Fire Threat District**
 - Tier 2
 - Tier 3



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map; UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.

EDISON
 AN ESCALANTE TECHNOLOGICAL COMPANY

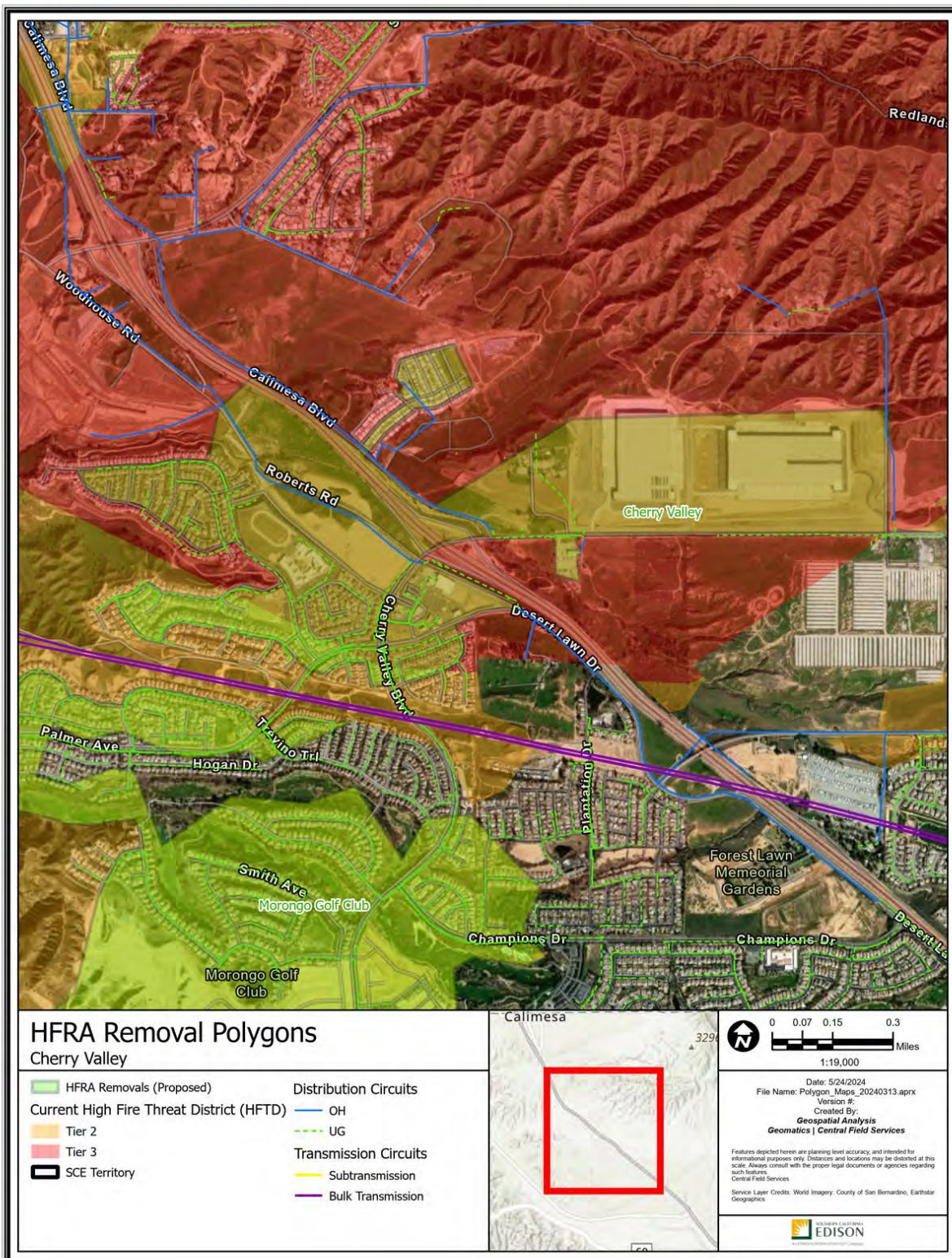
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R33 – Cherry Valley

Riverside County

-117.034514, 33.969439

458 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|----------------------------------|---------------------------------------|
| 49.5% | Moderate Load Dry Climate Grass Shrub |
| 16.6% | Low Load Dry Climate Grass |
| 12.0% | Low Load Dry Climate Shrub |
| 9.0% | Short Sparse Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|-------------------------------------|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 72.4% | 1.2% | 17.4% | 9.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|-----------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 1.07 | 6.7 | 0 | 0 | 0 | 7.77 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|--|---|--|
| 363 | 2.32° | 5: Very High | 16% |

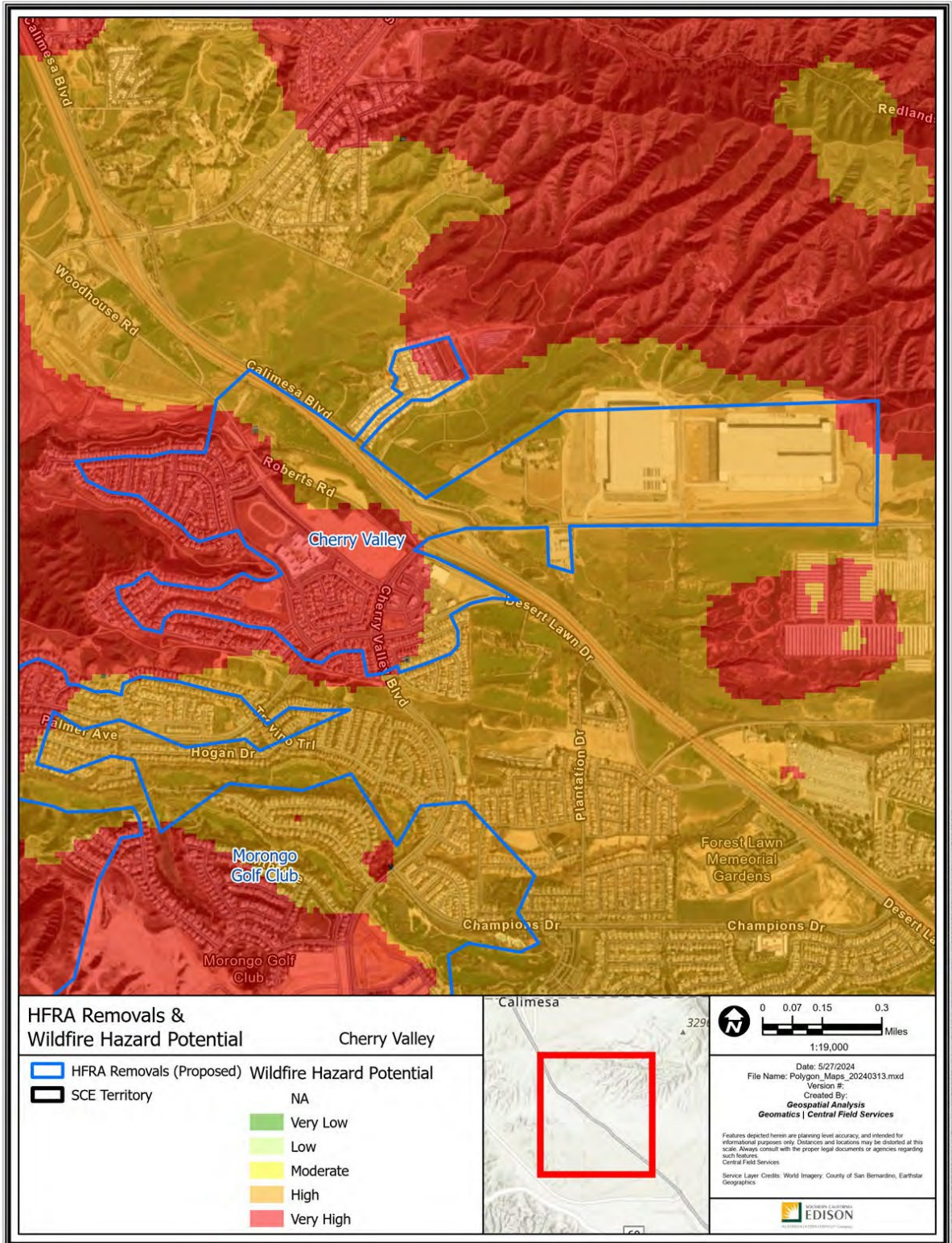
Recommendation:

SCE proposes to remove the Cherry Valley polygon from HFTD. This polygon would exclude new commercial and urban developments that present limited wildfire risk. In particular:

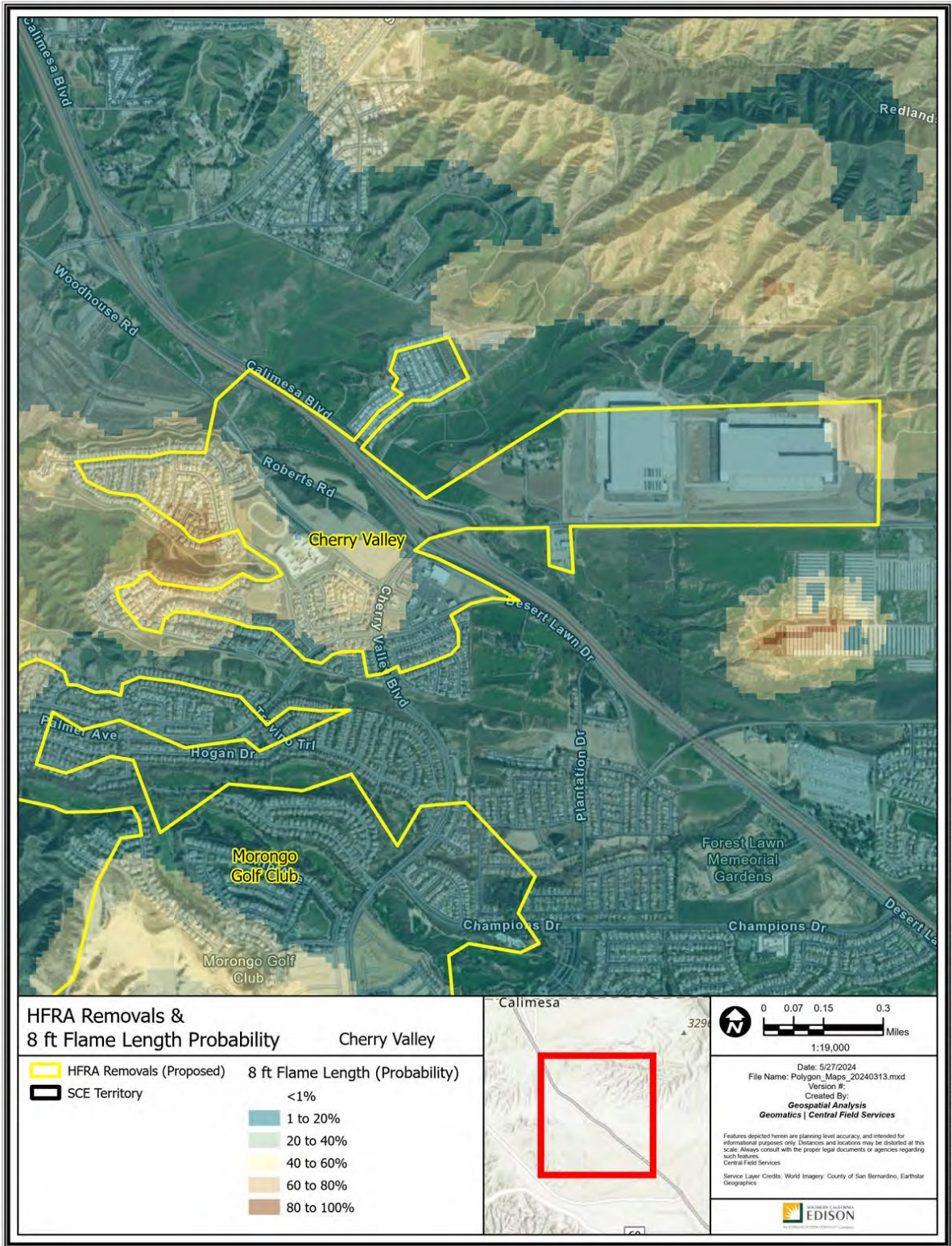
1. Large commercial and housing developments with maintained land present limited wildfire risk. Images from 2022 showing early land development are included below.
2. Polygon boundaries were drawn along the edge of developed plots and local roads as fire breaks.



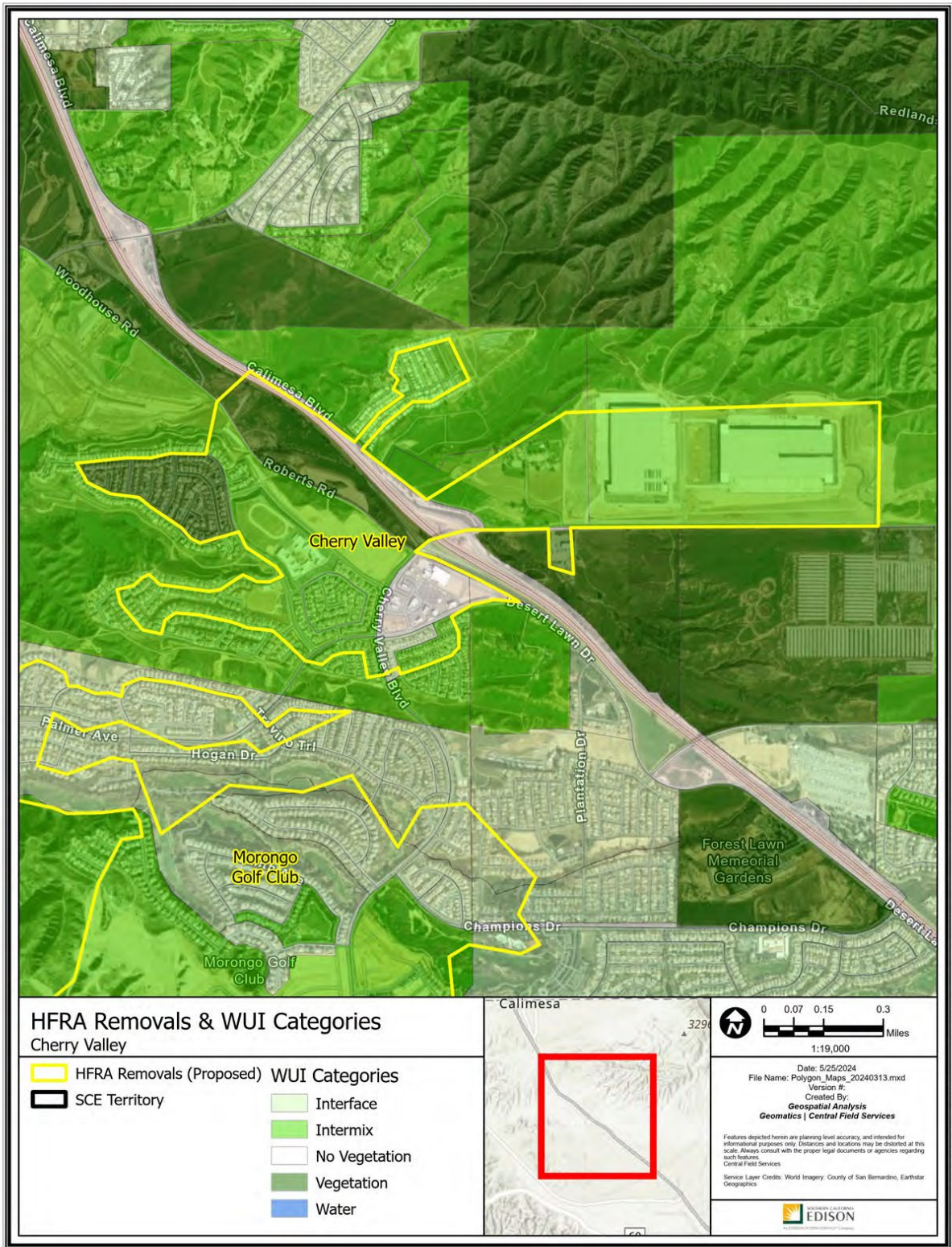
Figure 7 - Cherry Valley indicating development underway - Google Street View 10/2022



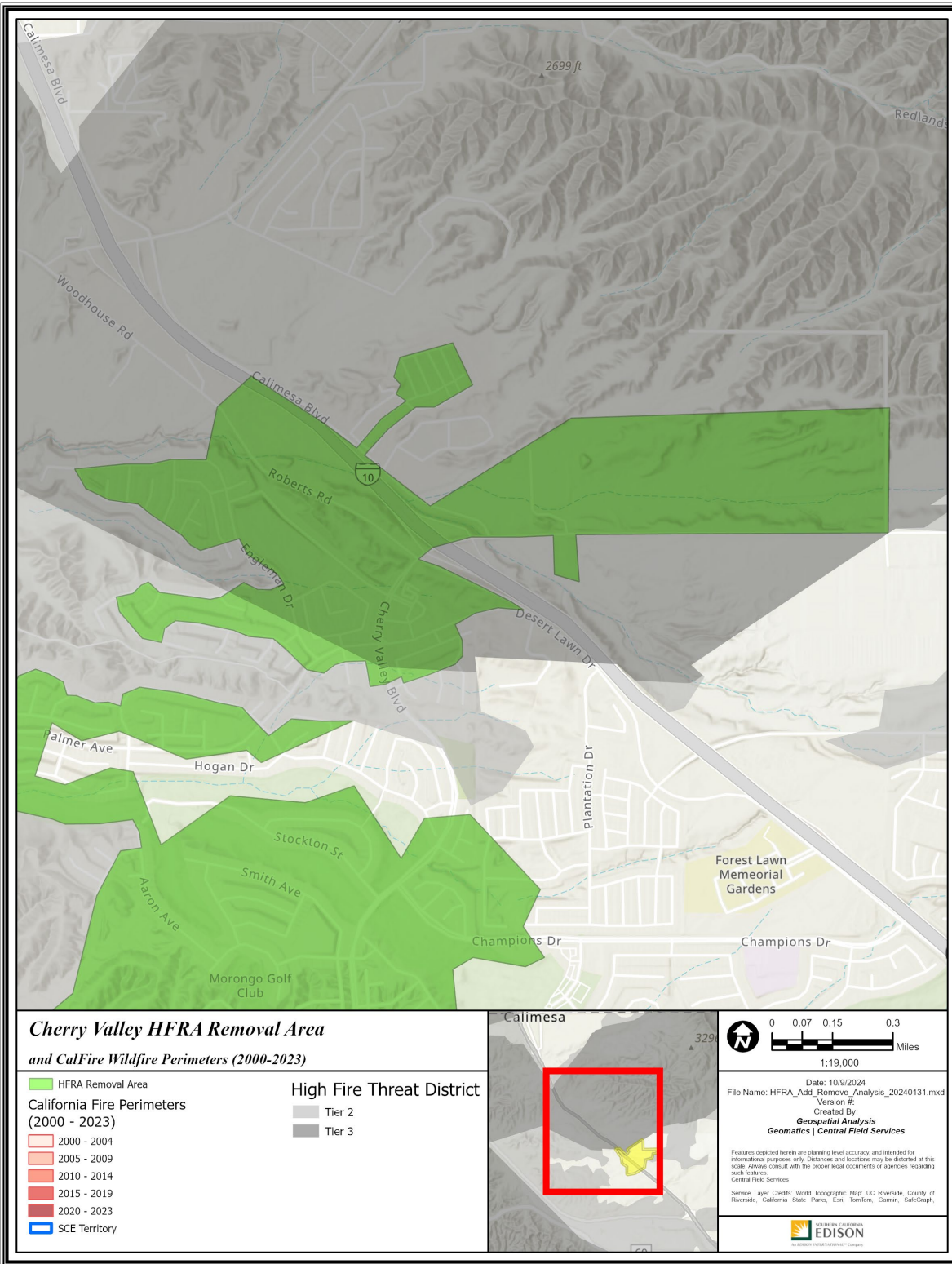
Path: P:\PROJECTS\Special_Projects\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Progects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



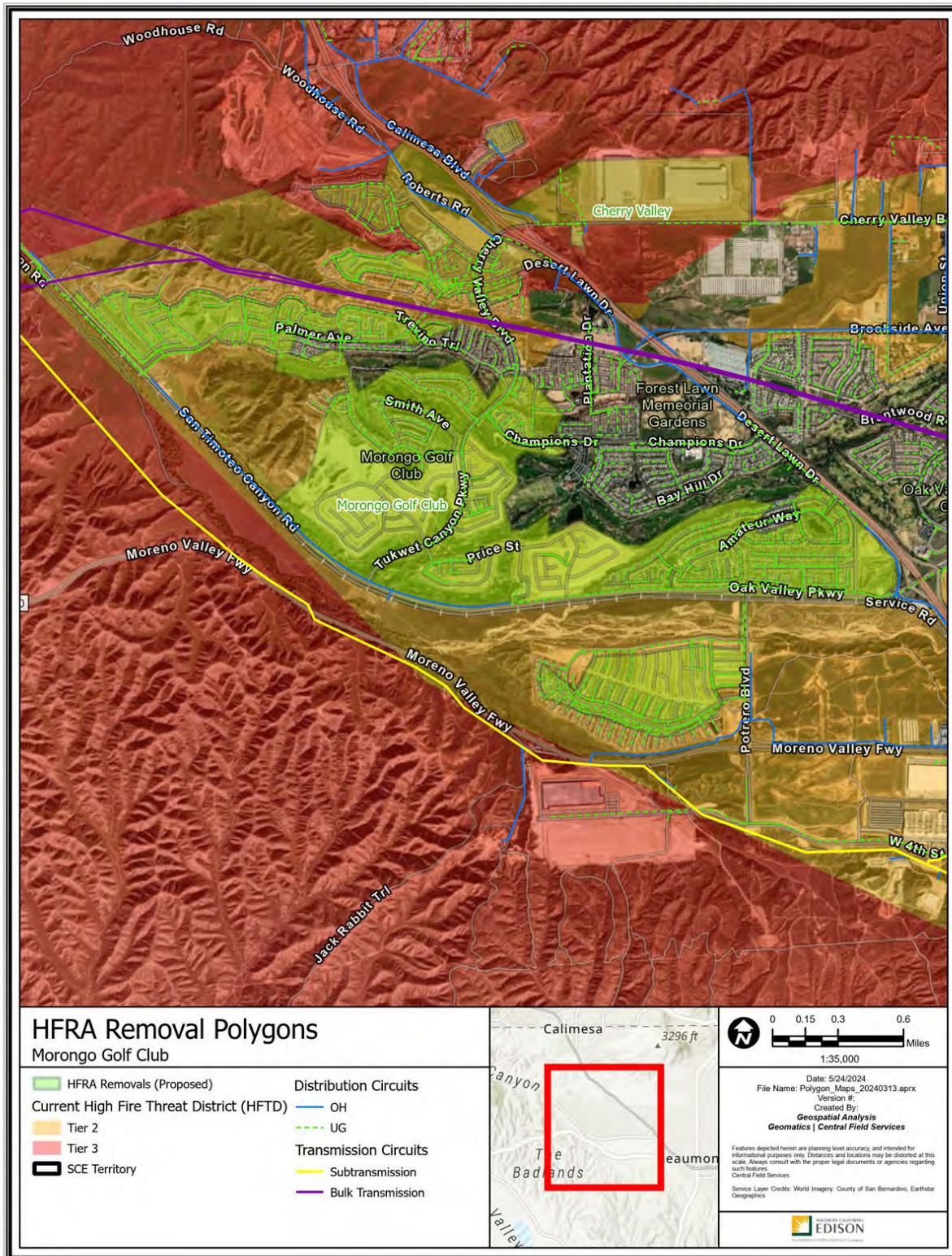
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R34 – Morongo Golf Club

Riverside County

-117.036285, 33.949865

1,410 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 59.7% | Moderate Load Dry Climate Grass Shrub |
| 10.7% | Golf Courses Non Burnable |
| 6.4% | Non Burnable Urban Areas |
| 5.3% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 27.1% | 50.1% | 21.5% | 1.3% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 1.29 | 32.08 | 0 | 0 | 0 | 33.37 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 2,715 | 2.99° | 5: Very High | 15% |

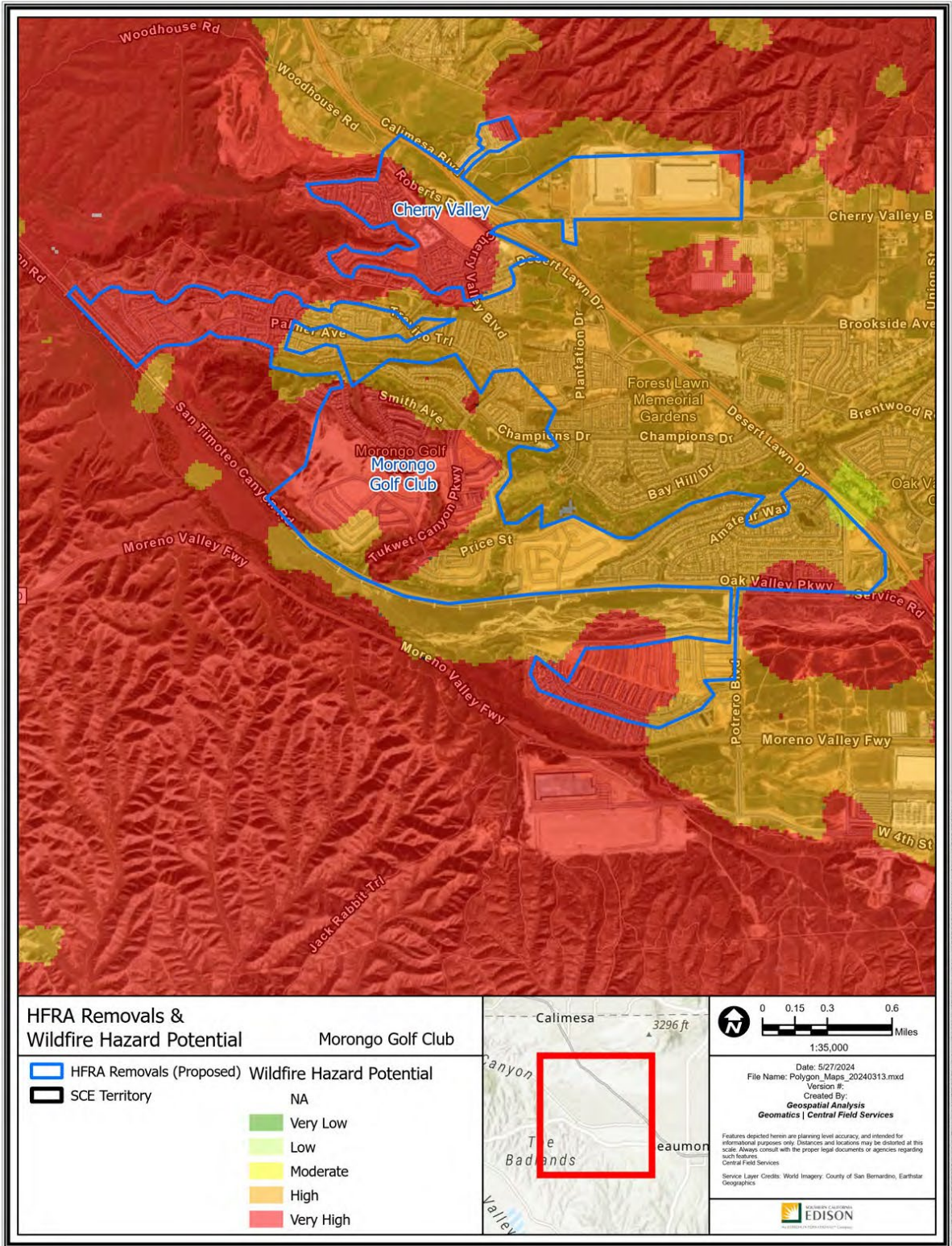
This removal features some areas that met threshold levels of IWMS criteria:

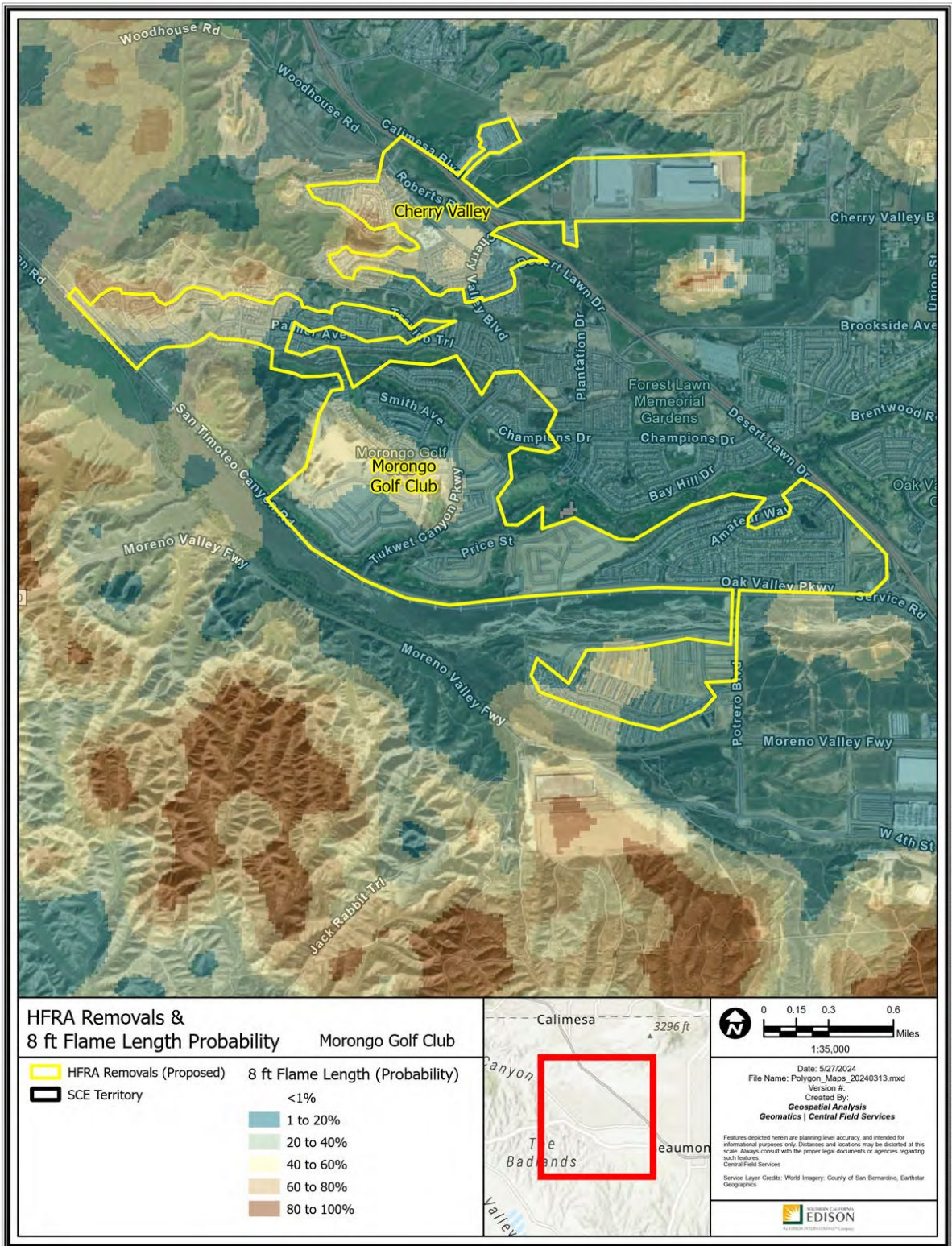
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.

Recommendation:

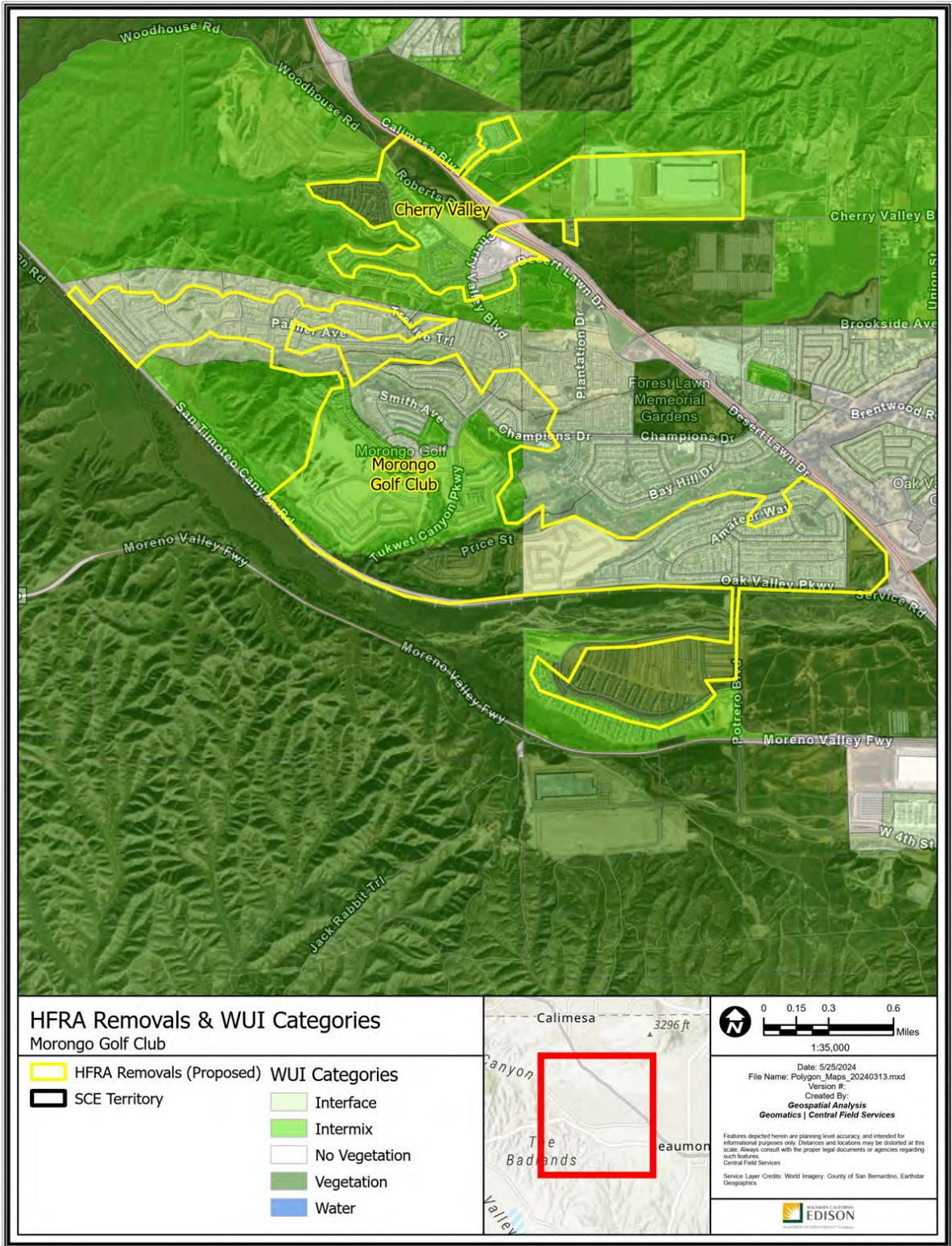
SCE proposes to remove the Morongo Golf Club polygon from HFTD. This removal excludes a golf course and urban developments from surrounding Tier 2 HFTD where there is a lack of burnable fuels. In particular:

1. Suburban neighborhoods and the golf course are well-maintained and irrigated, presenting low risk of spreading wildfire to bordering rural and suburban land.
2. Wildfire risk is diminishing with increasing urbanization and development in the polygon.
3. Polygon boundaries were drawn along the edge of irrigated vegetation of the golf course and local roads as fire breaks.

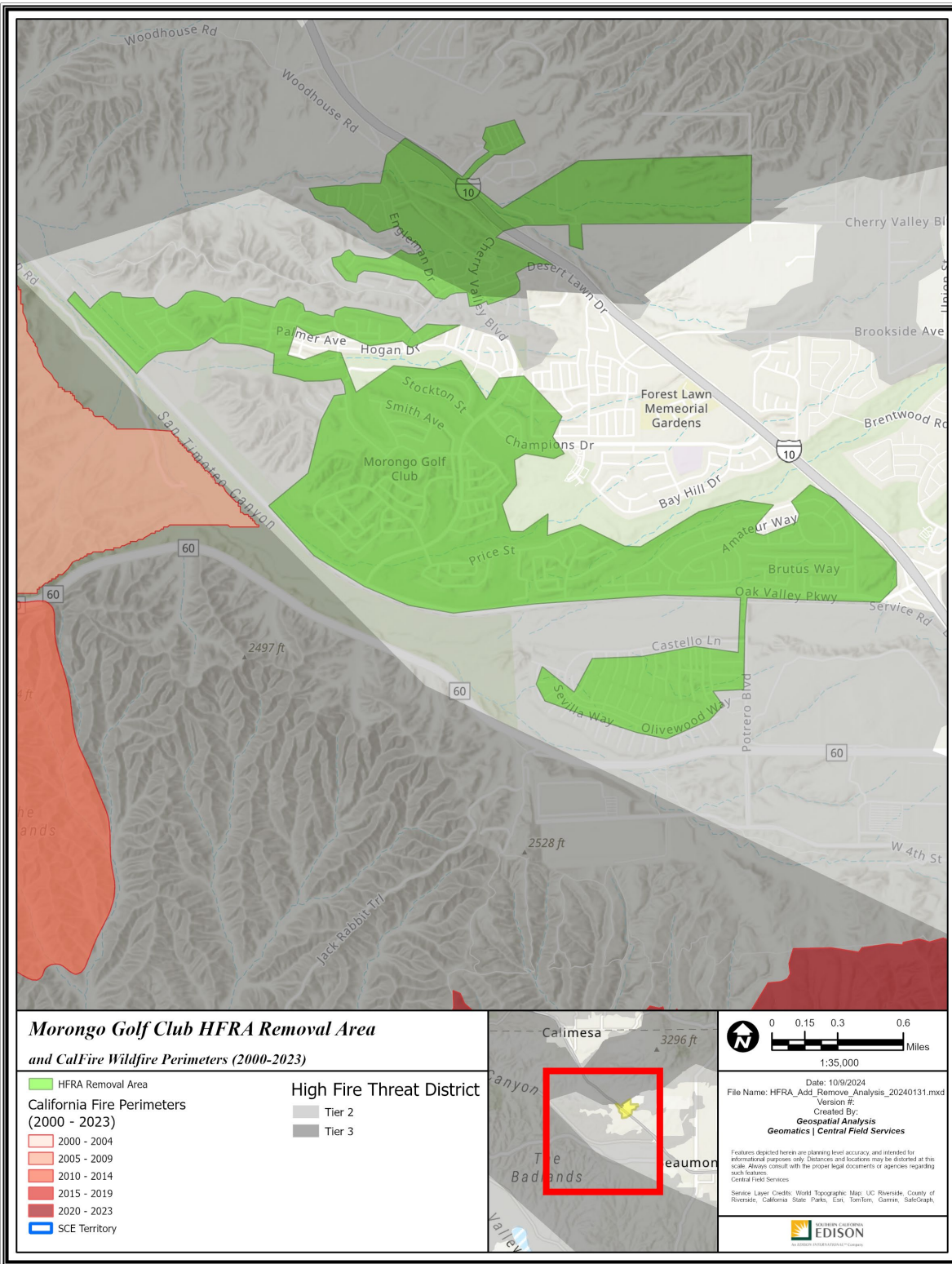




Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

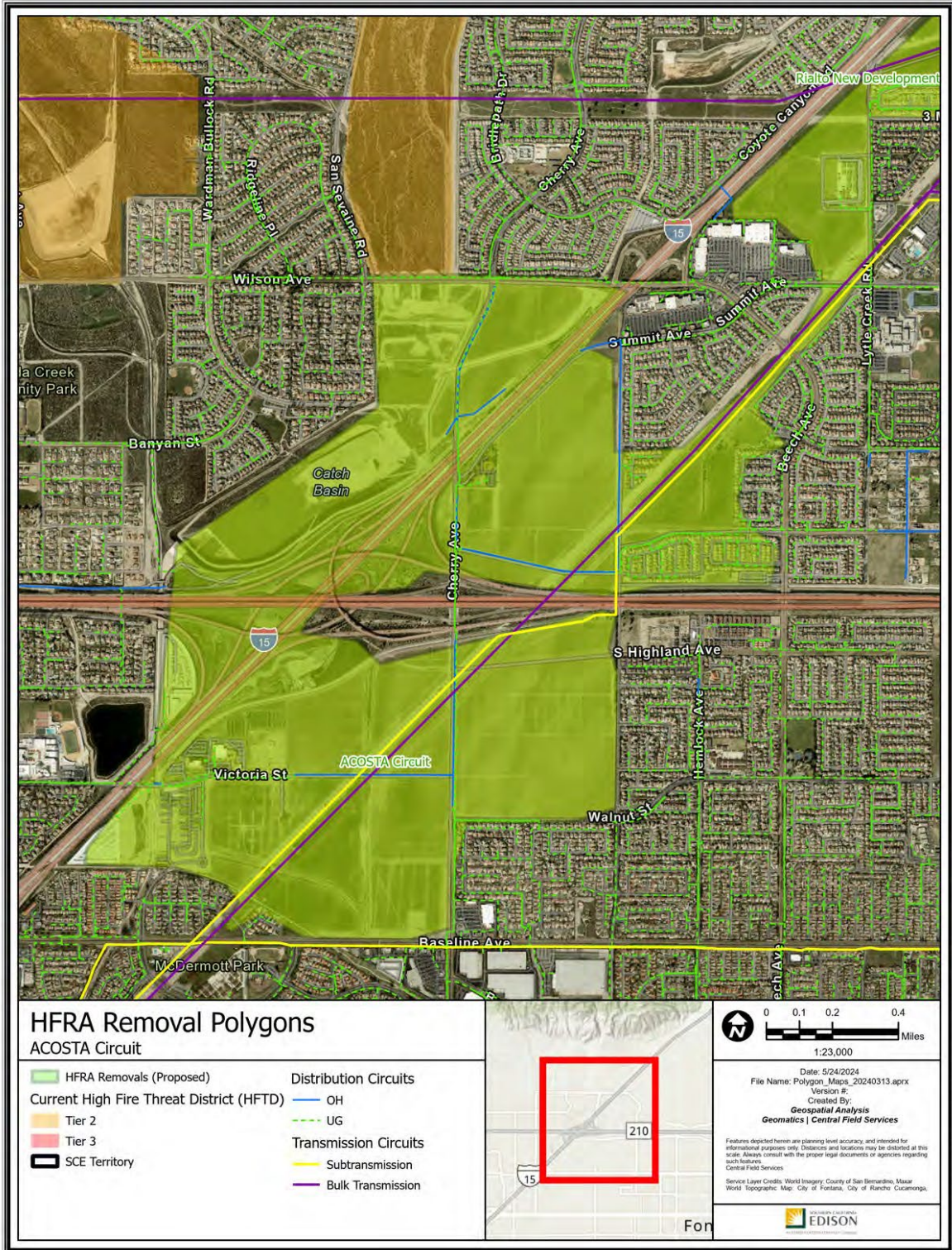
Agriculture

R35 – Acosta Circuit

San Bernardino County

-117.48848, 34.137032

1,538 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 27.0% | Moderate Load Dry Climate Grass Shrub |
| 25.6% | Short Sparse Dry Climate Grass |
| 19.8% | Low Load Dry Climate Grass |
| 7.0% | Major Roads Surrounded by Low Fire Behavior Fuel |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 26.1% | 5.5% | 22.0% | 46.4% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 3.13 | 9.51 | 2.7 | 0.07 | 5.19 | 20.6 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 333 | 1.26° | 3: Moderate | 5% |

This removal features some areas that met threshold levels of IWMS criteria:

- The polygon overlaps with regions that have high wind exposure.

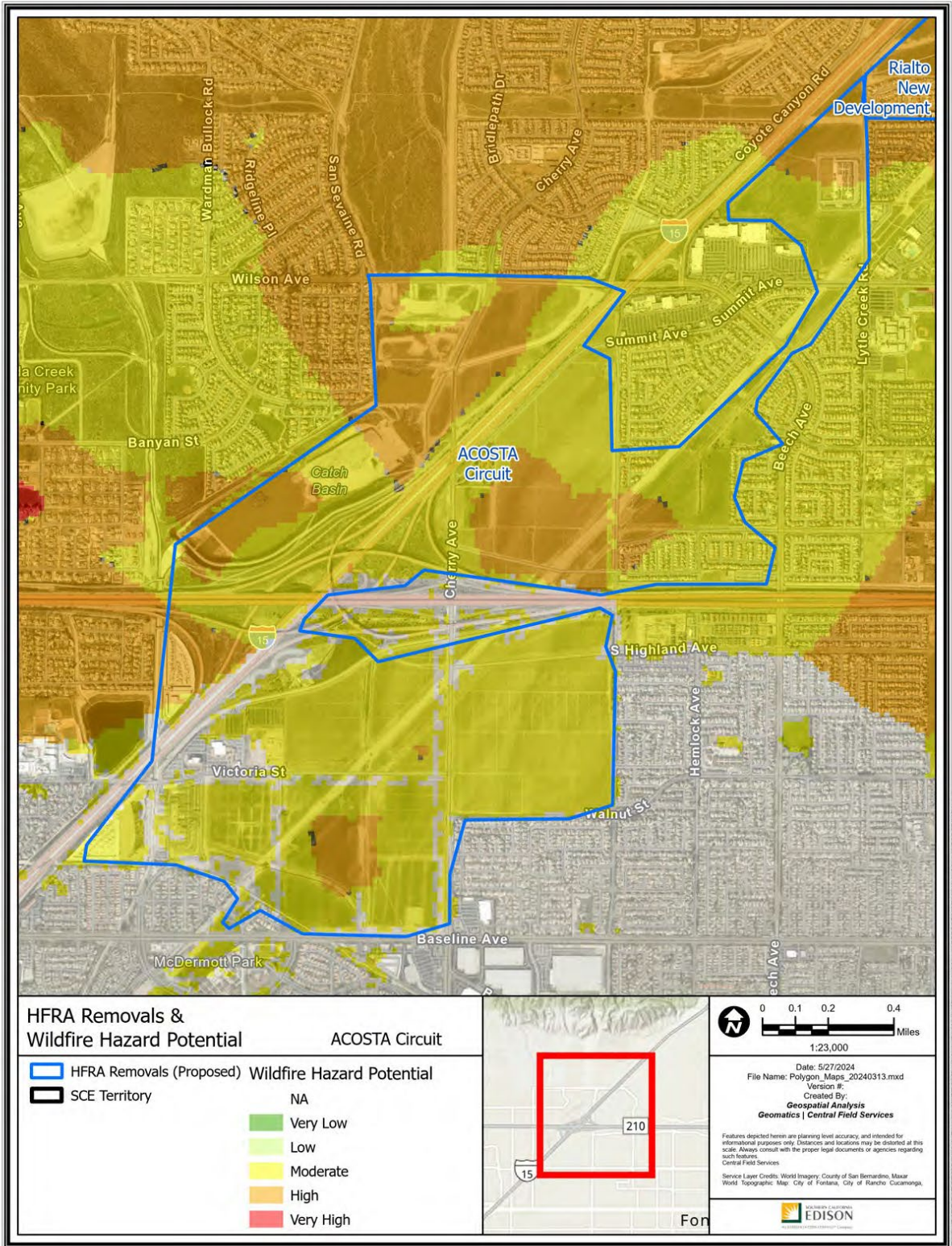
Recommendation:

SCE proposes to remove the Acosta Circuit polygon from HFTD. The polygon is adjacent on all sides to urbanized non-HFTD and does not pose elevated wildfire risk due to being largely irrigated agricultural fields. In particular:

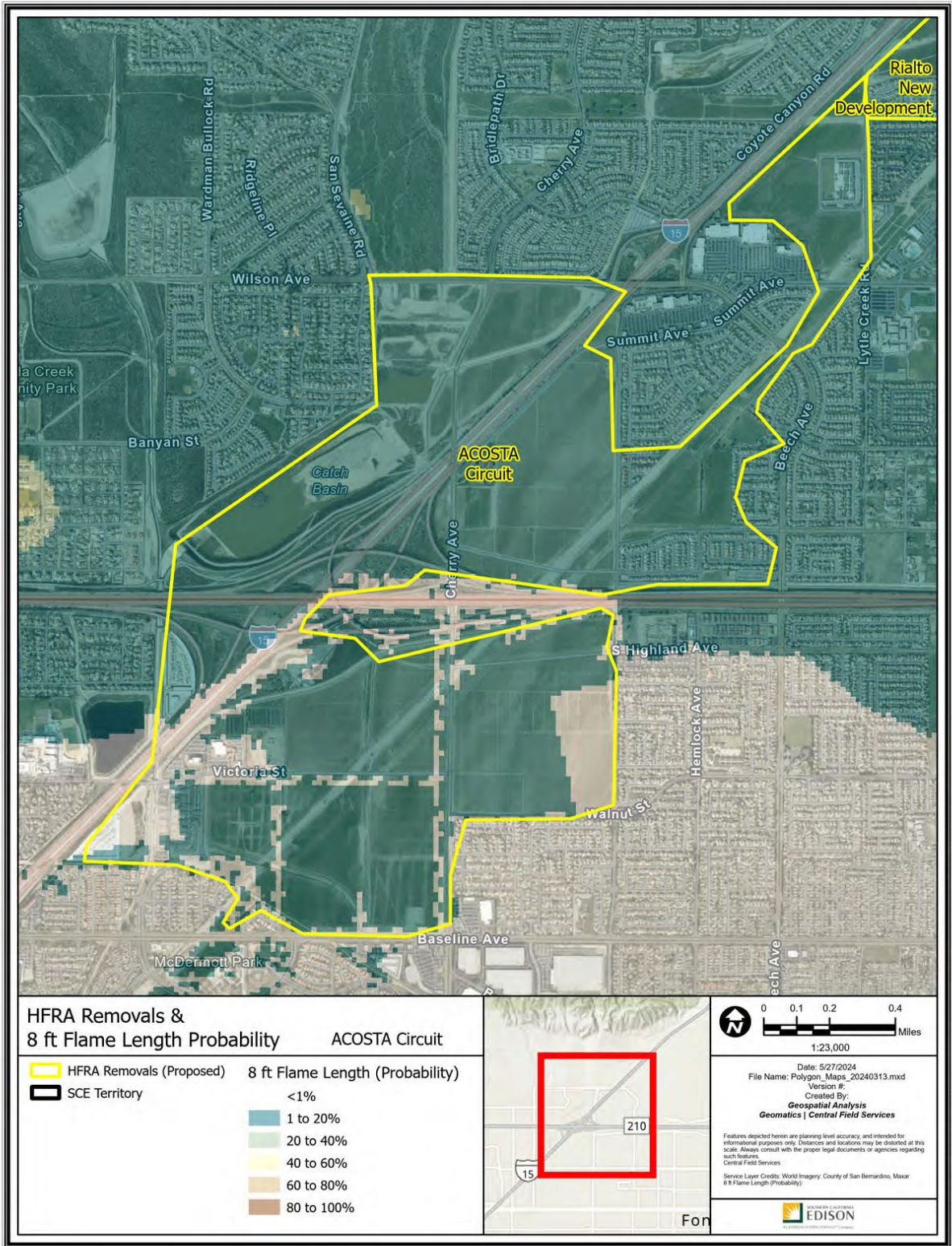
1. As shown below, a large portion of this polygon is comprised of maintained and irrigated agricultural fields.
2. Many areas within the polygon are further developed than reflected in current satellite imagery or have been graded, thus reducing burnable fuels.



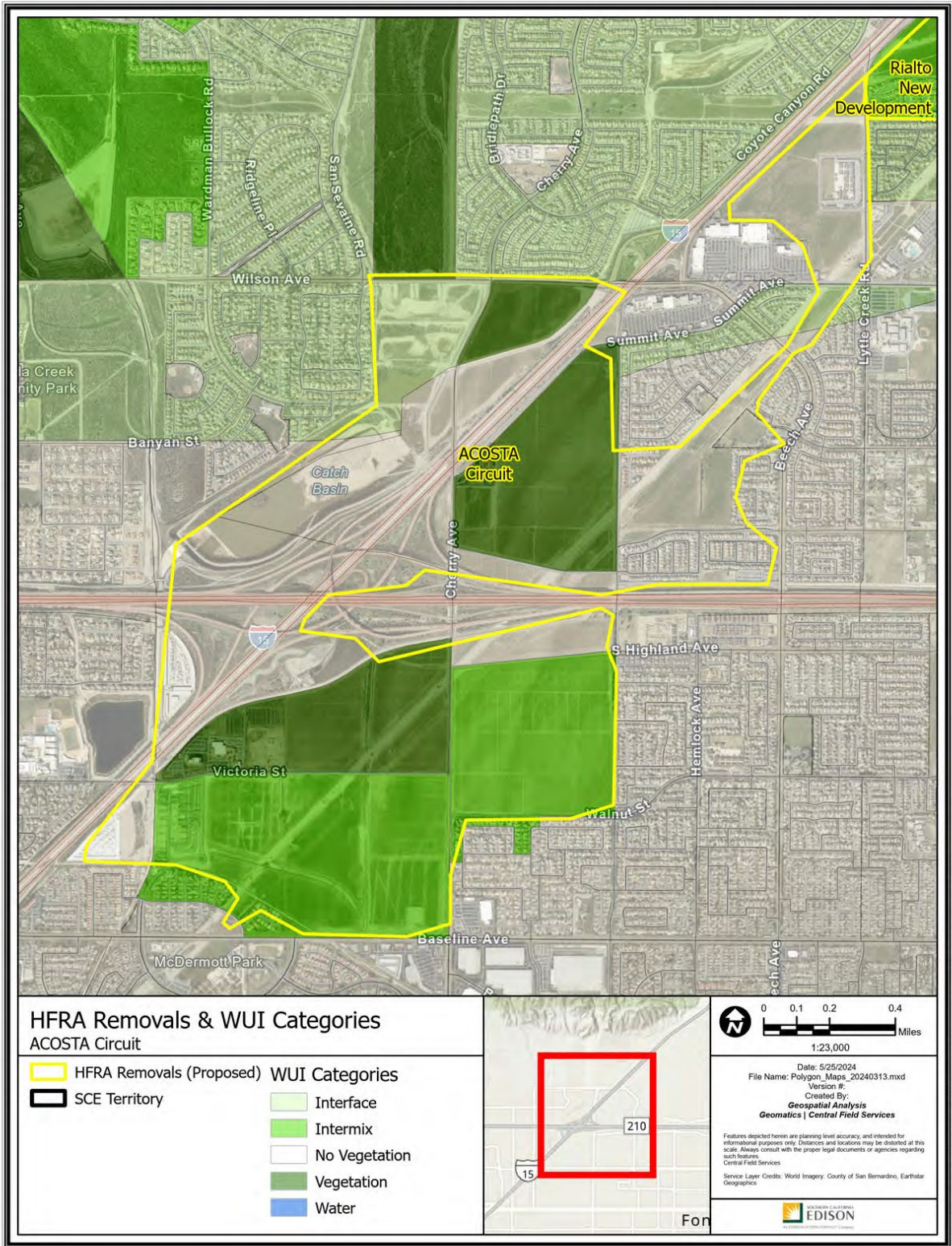
Figure 8 - Victoria Street Google Images June 2024



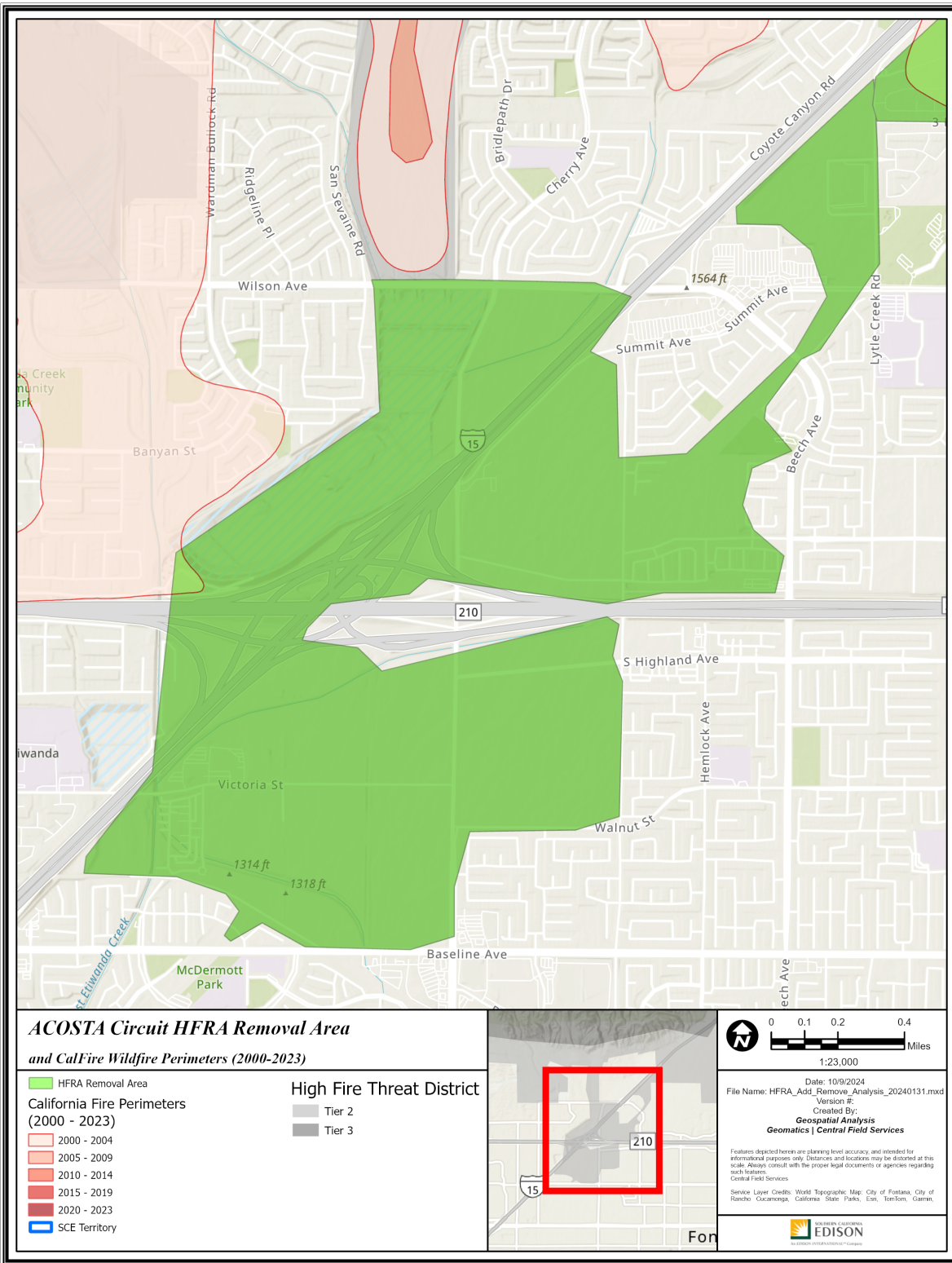
Path: P:\PROJ\GIS\Special_Projects\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



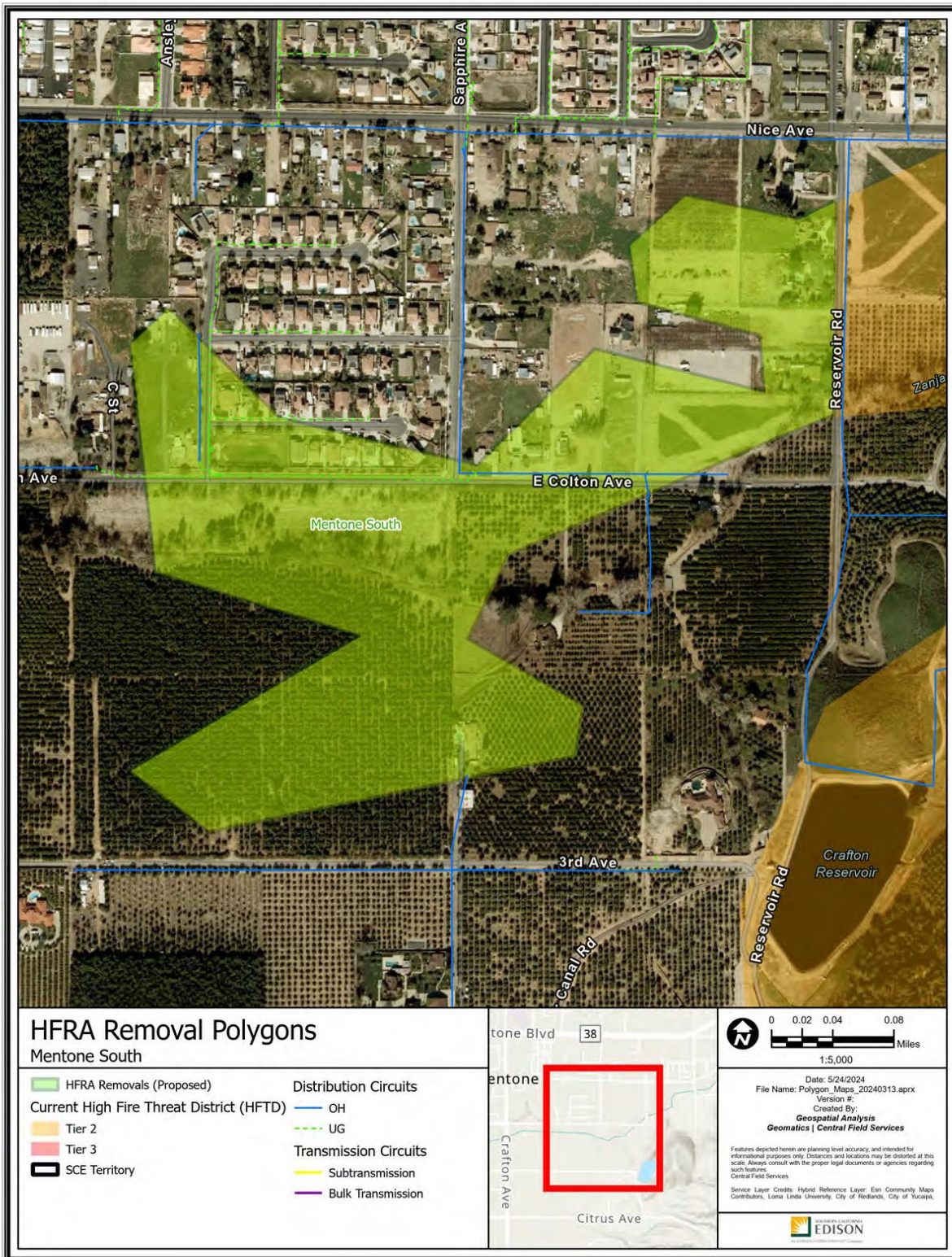
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R36 – Mentone South

San Bernardino County
 -117.112874, 34.062343
 51 Acres



Path: P:\PROJECTS\Spatial_Projects\HFRA_Femason_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 49.4% | Agricultural Fields Maintained in a Non Burnable Condition |
| 35.1% | Moderate Load Dry Climate Grass Shrub |
| 6.0% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 4.8% | Urban Core Surrounded by Low Fire Behavior Fuel |

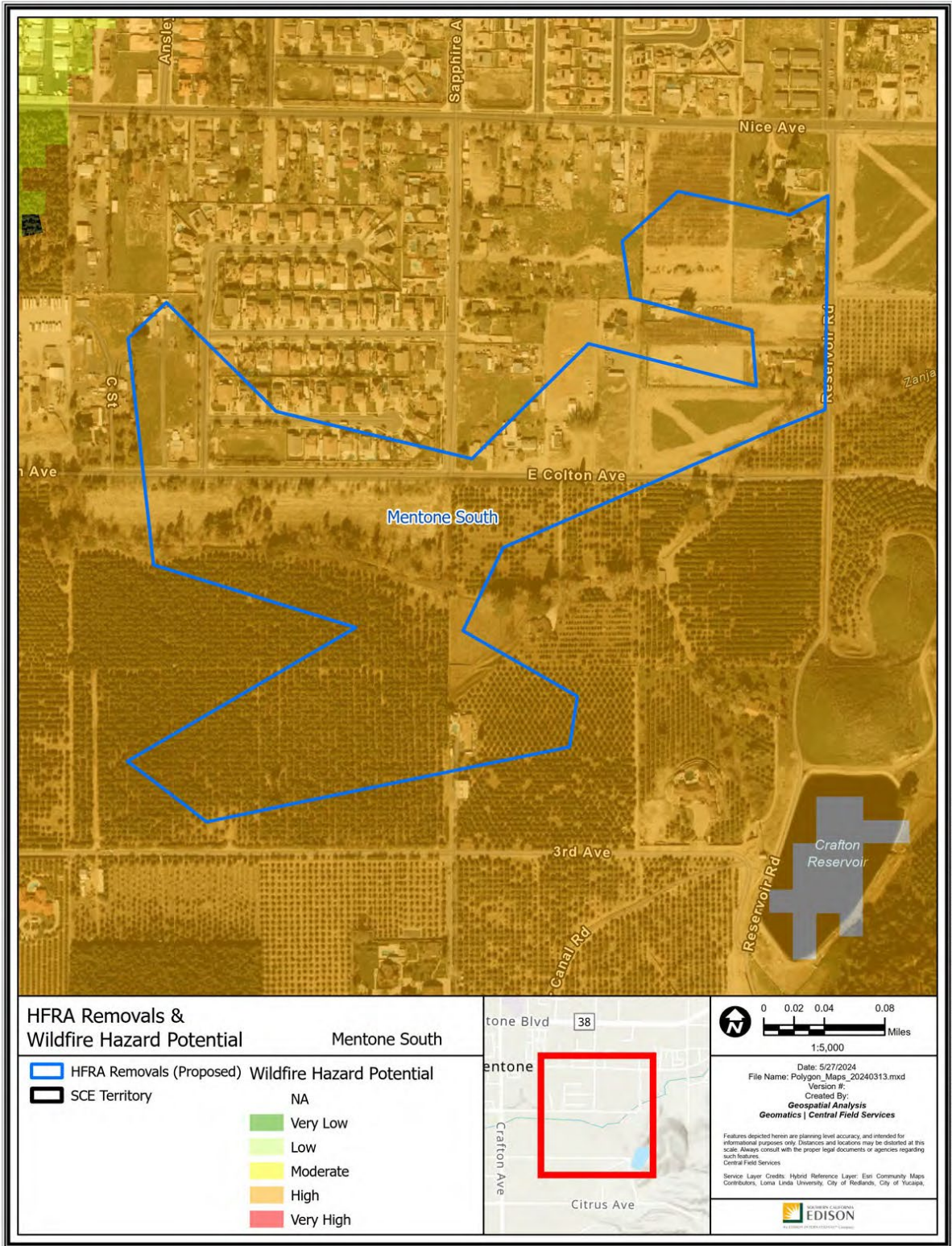
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 100.0% | 0.0% | 0.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.31 | 0.42 | 0 | 0 | 0 | 0.73 |

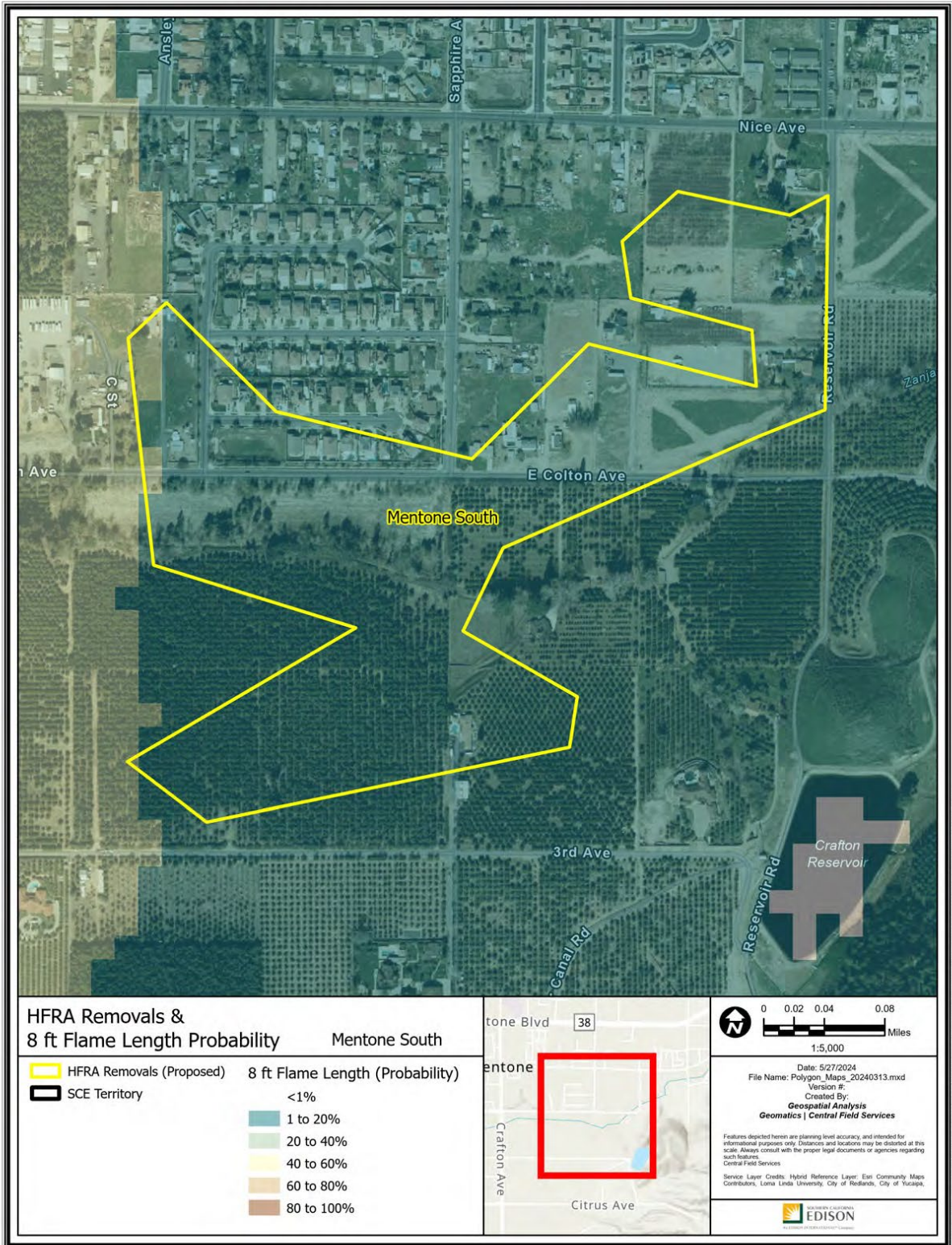
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 21 | 2.27° | 4: High | 16% |

Recommendation:

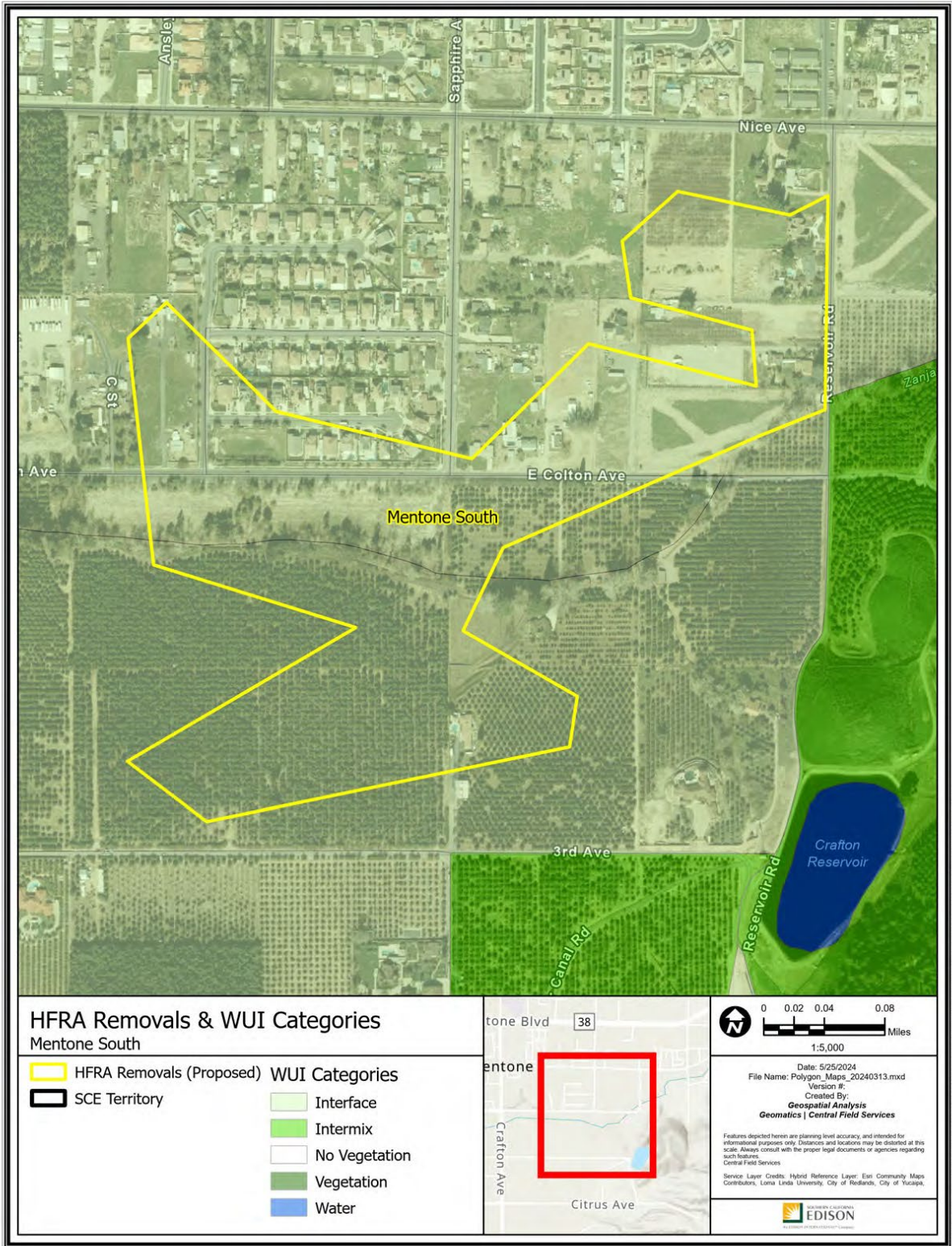
SCE proposes to remove the Mentone South polygon from HFTD. This polygon primarily consists of irrigated agricultural land and orchards, which do not pose elevated wildfire risk. This proposed removal allows the HFTD boundary to end at Reservoir Road. Reservoir Road is a firebreak from the remaining Tier 2 HFTD.



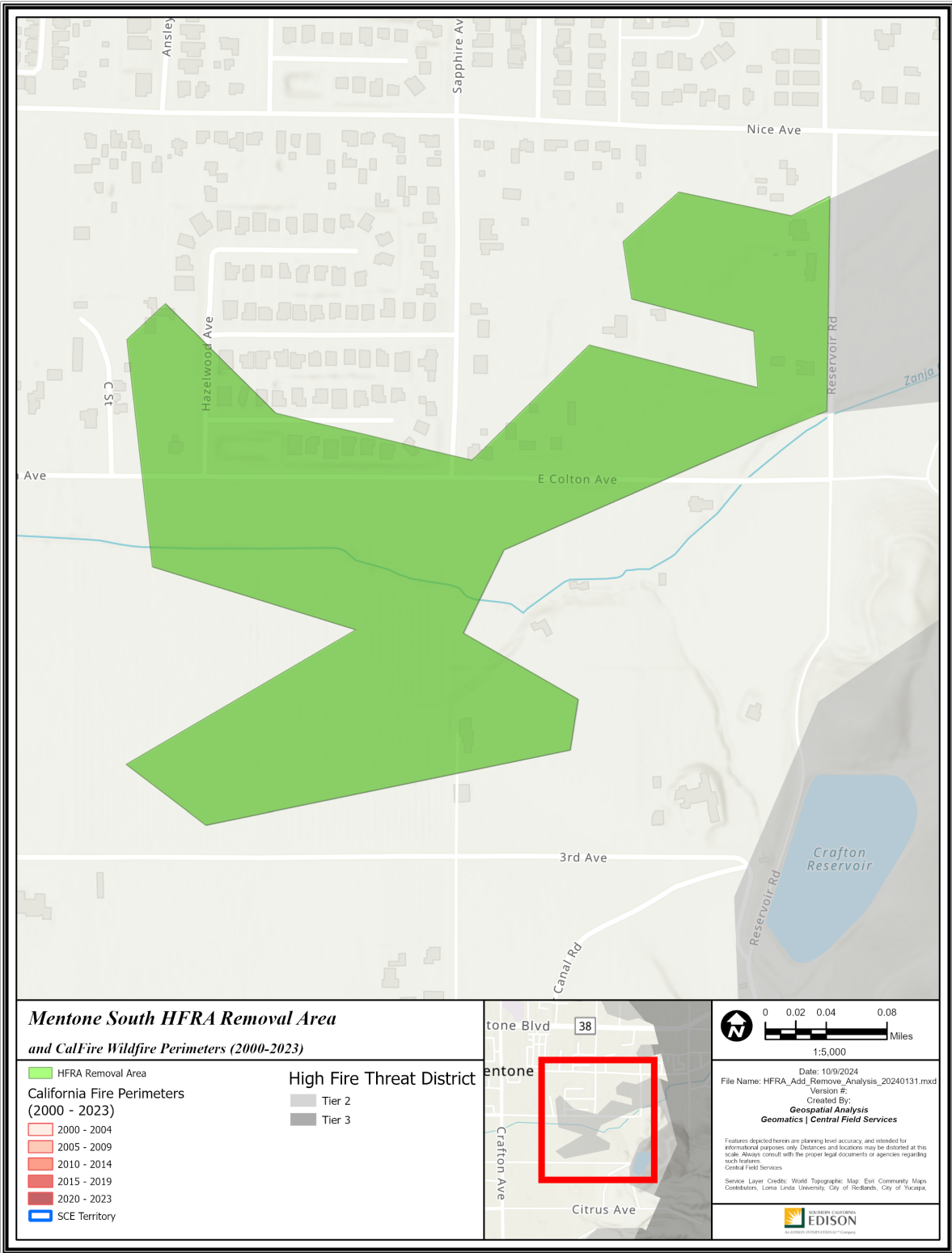
Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

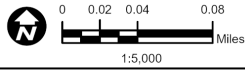
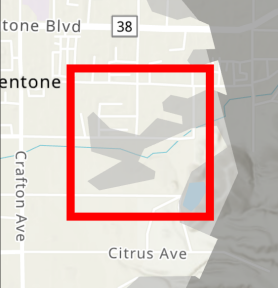


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



**Mentone South HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- HFRA Removal Area
- California Fire Perimeters (2000 - 2023)**
 - 2000 - 2004
 - 2005 - 2009
 - 2010 - 2014
 - 2015 - 2019
 - 2020 - 2023
- SCE Territory
- High Fire Threat District**
 - Tier 2
 - Tier 3



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map, Esri Community Maps Contributors, Loma Linda University, City of Redlands, City of Yucaipa.



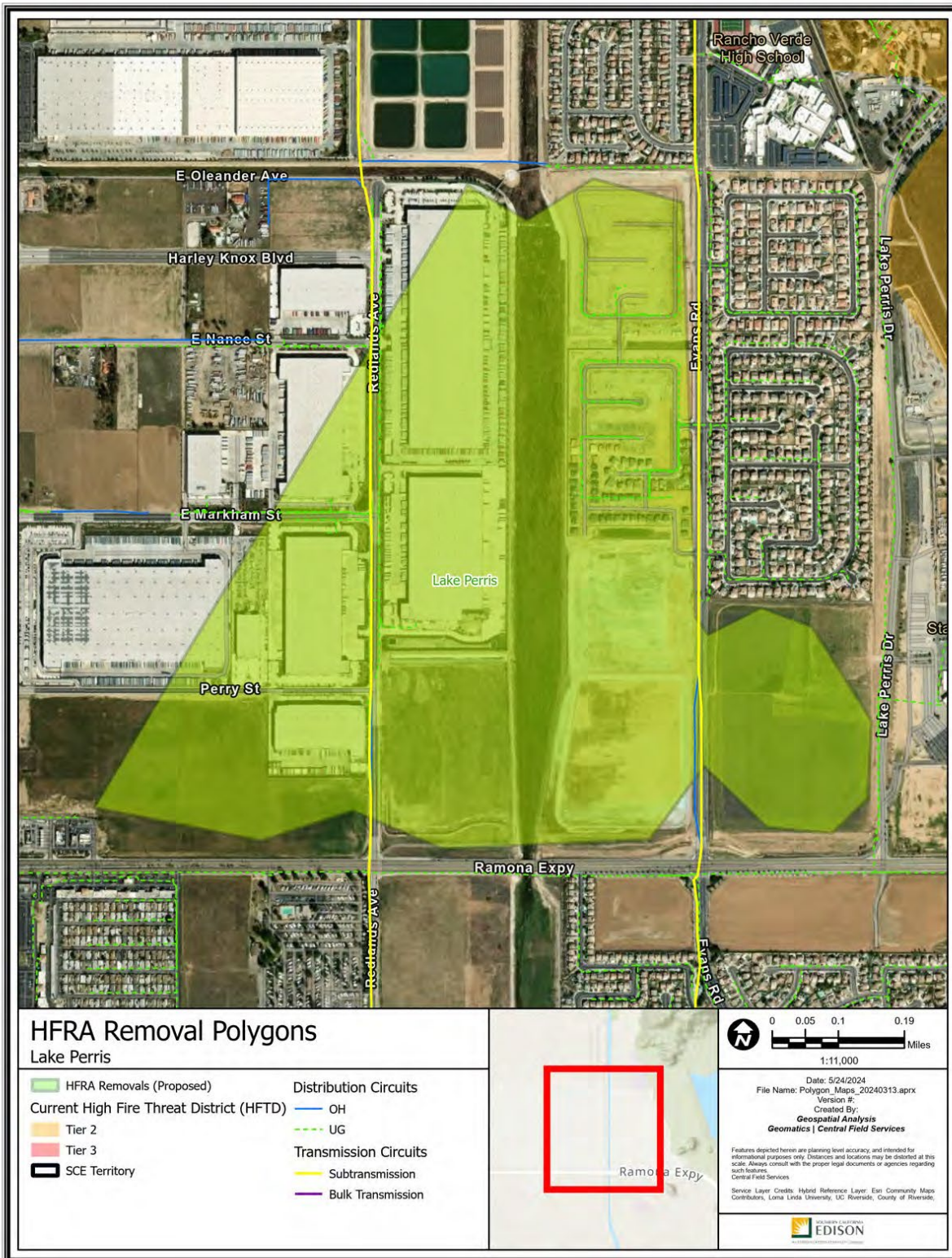
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R37 – Lake Perris

Riverside County

-117.213726, 33.850545

394 Acres



Path: P:\PROJECTS\Spatial_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 69.8% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 16.0% | Bare Ground |
| 6.8% | Moderate Load Dry Climate Grass Shrub |
| 5.1% | Low Load Dry Climate Grass |

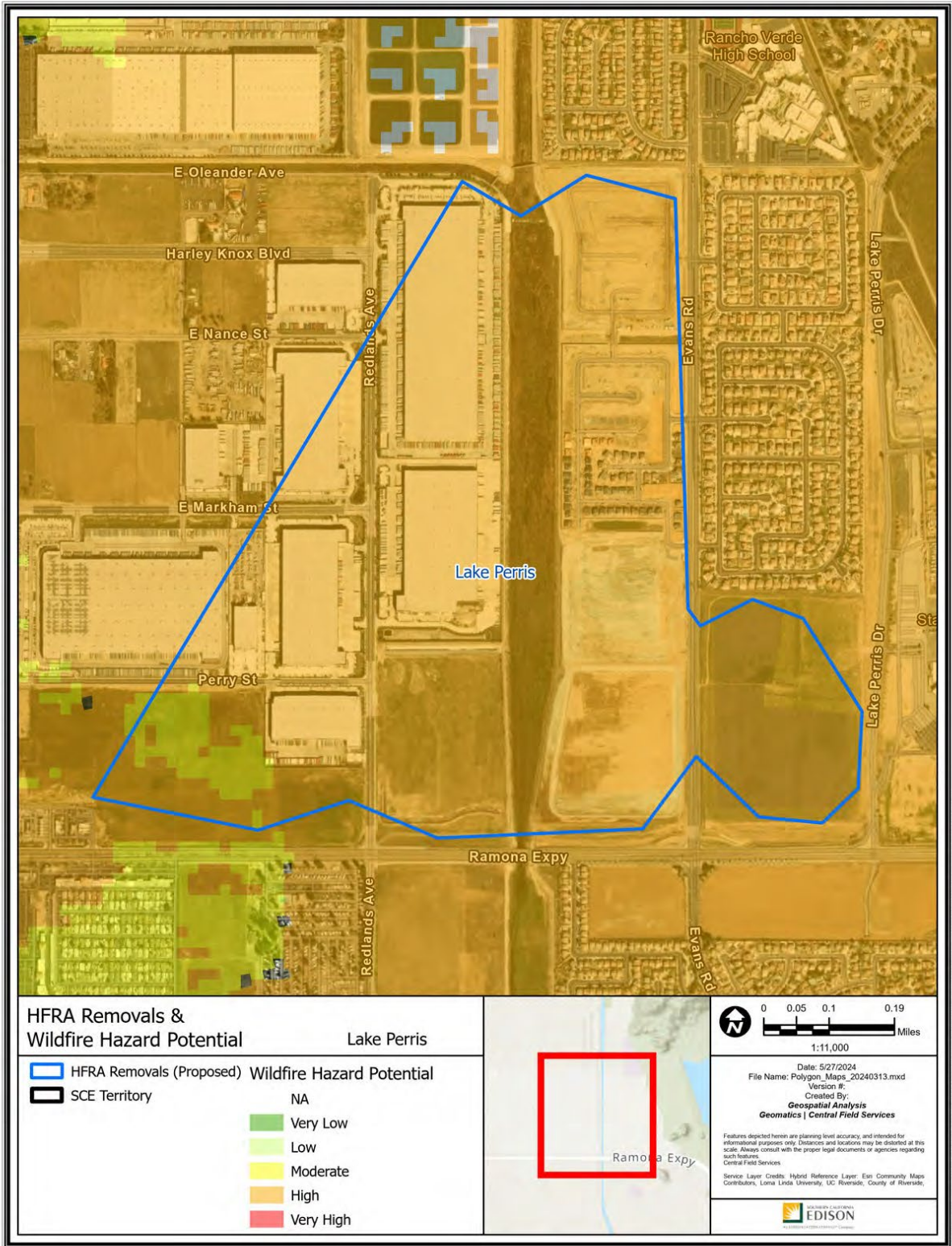
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 13.1% | 0.0% | 77.4% | 9.5% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 1.11 | 3.03 | 0.89 | 0 | 0 | 5.03 |

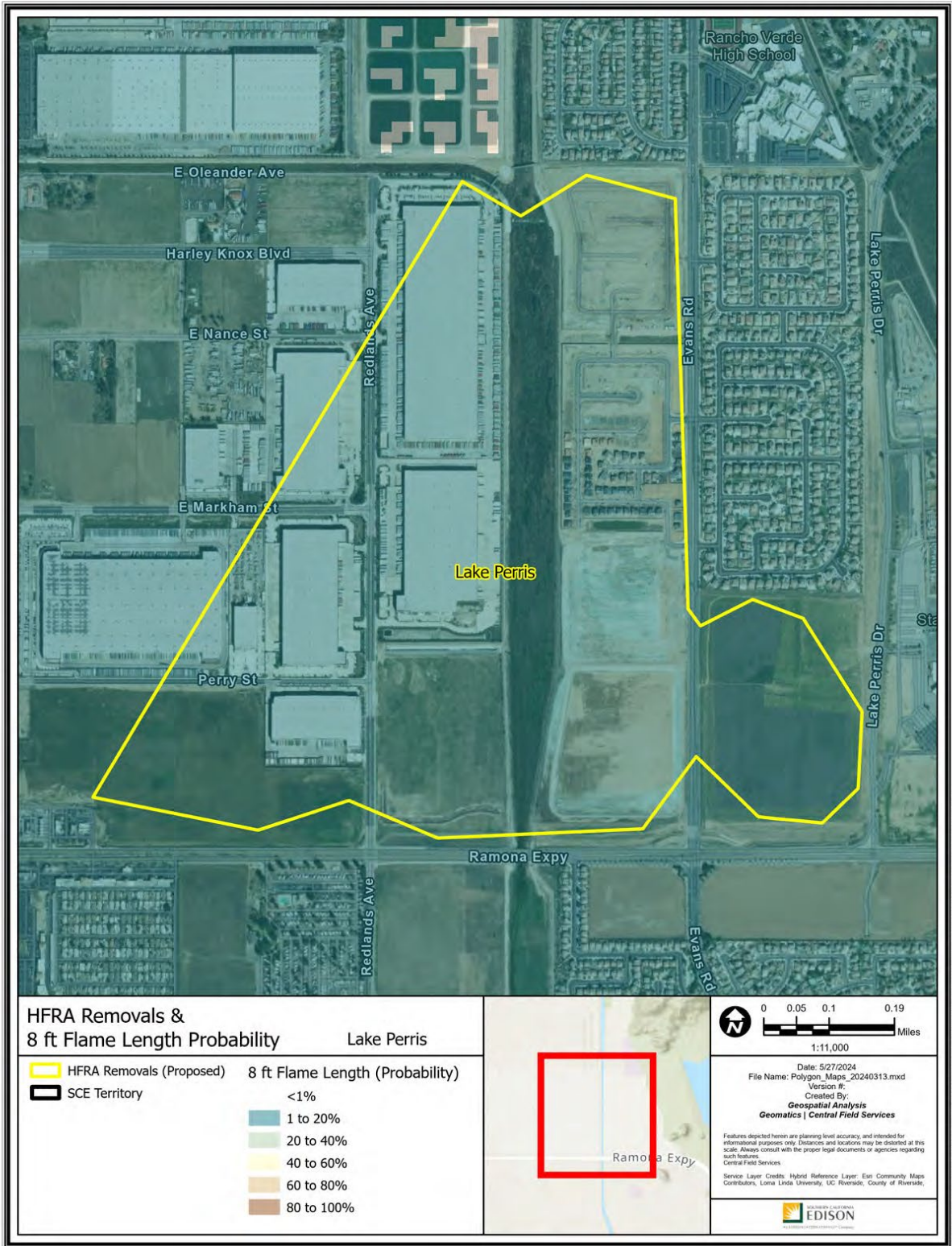
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 75 | 0.22° | 4: High | 4% |

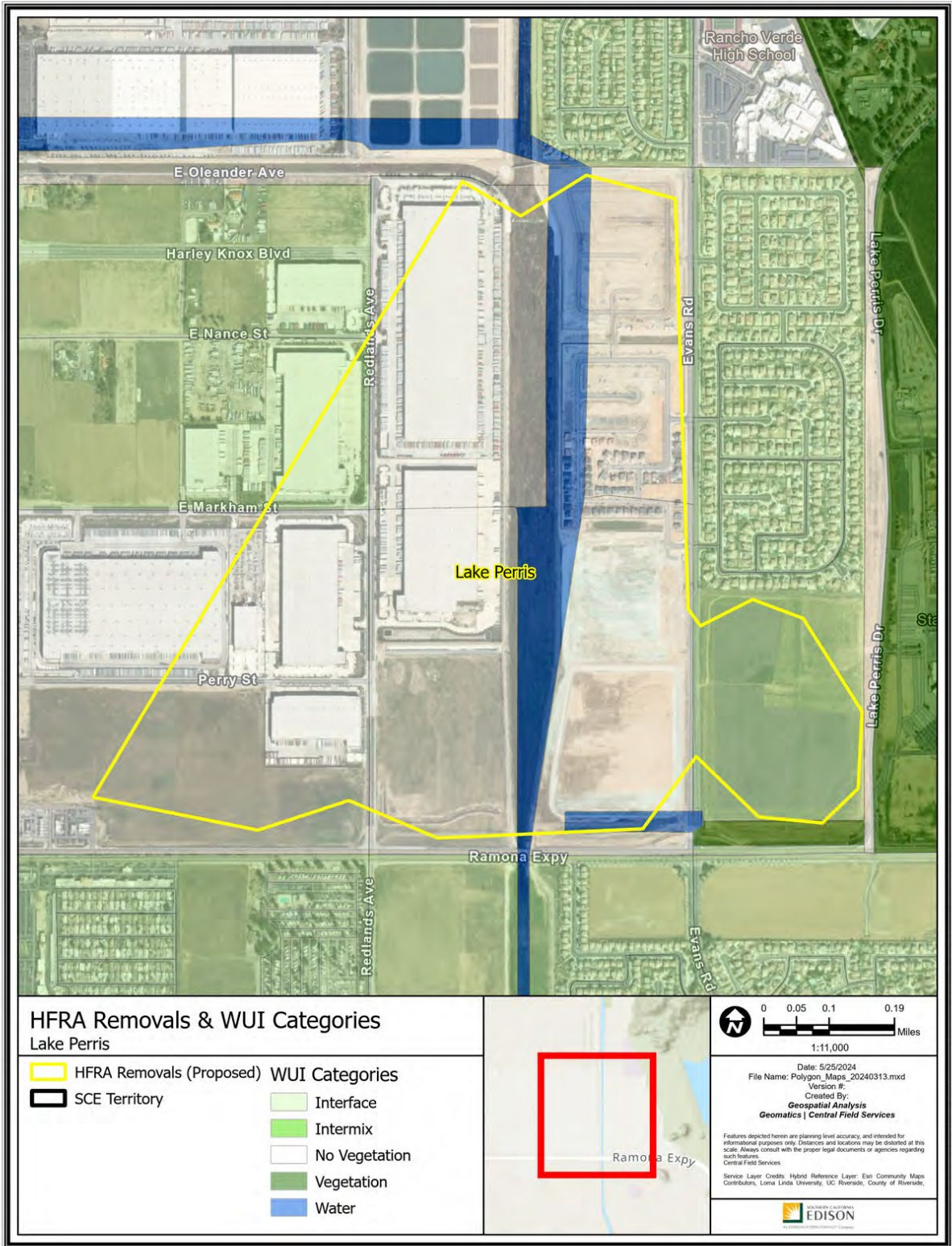
Recommendation:

SCE proposes to remove the Lake Perris polygon from HFTD. The polygon has been largely developed with commercial buildings, graded for new residential communities, and is surrounded by similar non-HFTD areas.

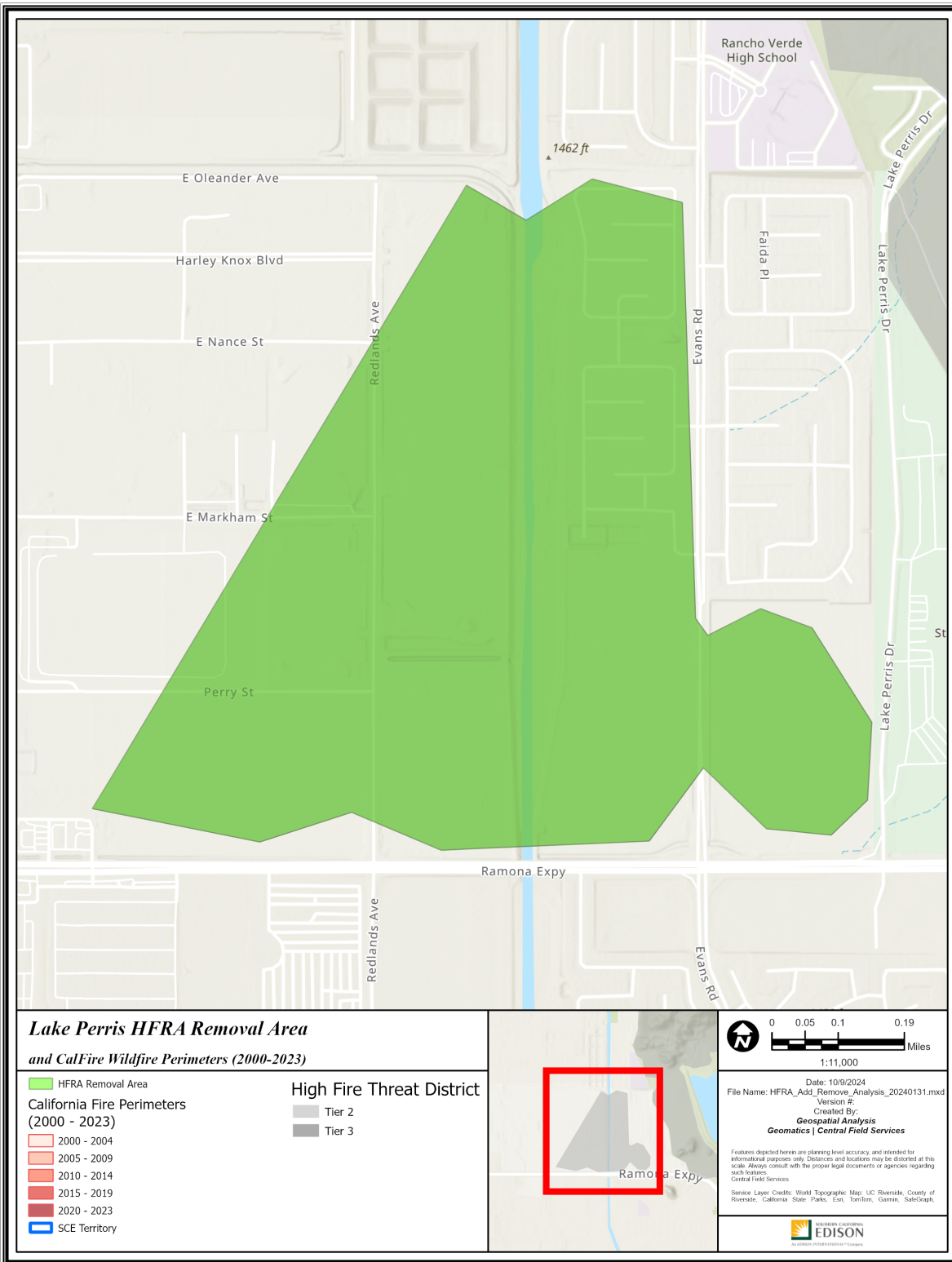


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx





Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx

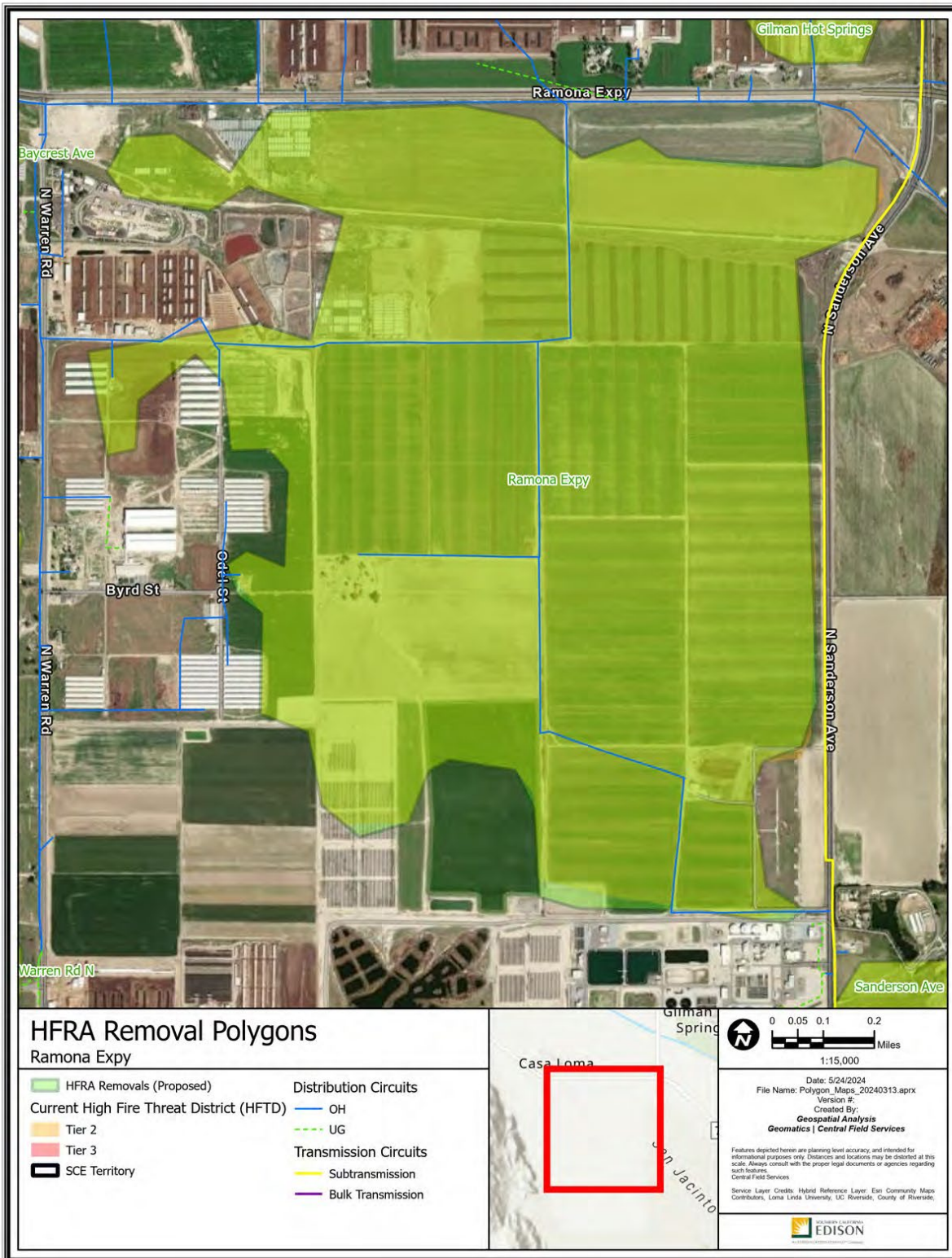


R38 – Ramona Expy

Riverside County

-117.017095, 33.812554

986 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 94.1% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 3.9% | Low Load Dry Climate Grass |
| 0.8% | Short Sparse Dry Climate Grass |
| 0.6% | Moderate Load Dry Climate Grass Shrub |

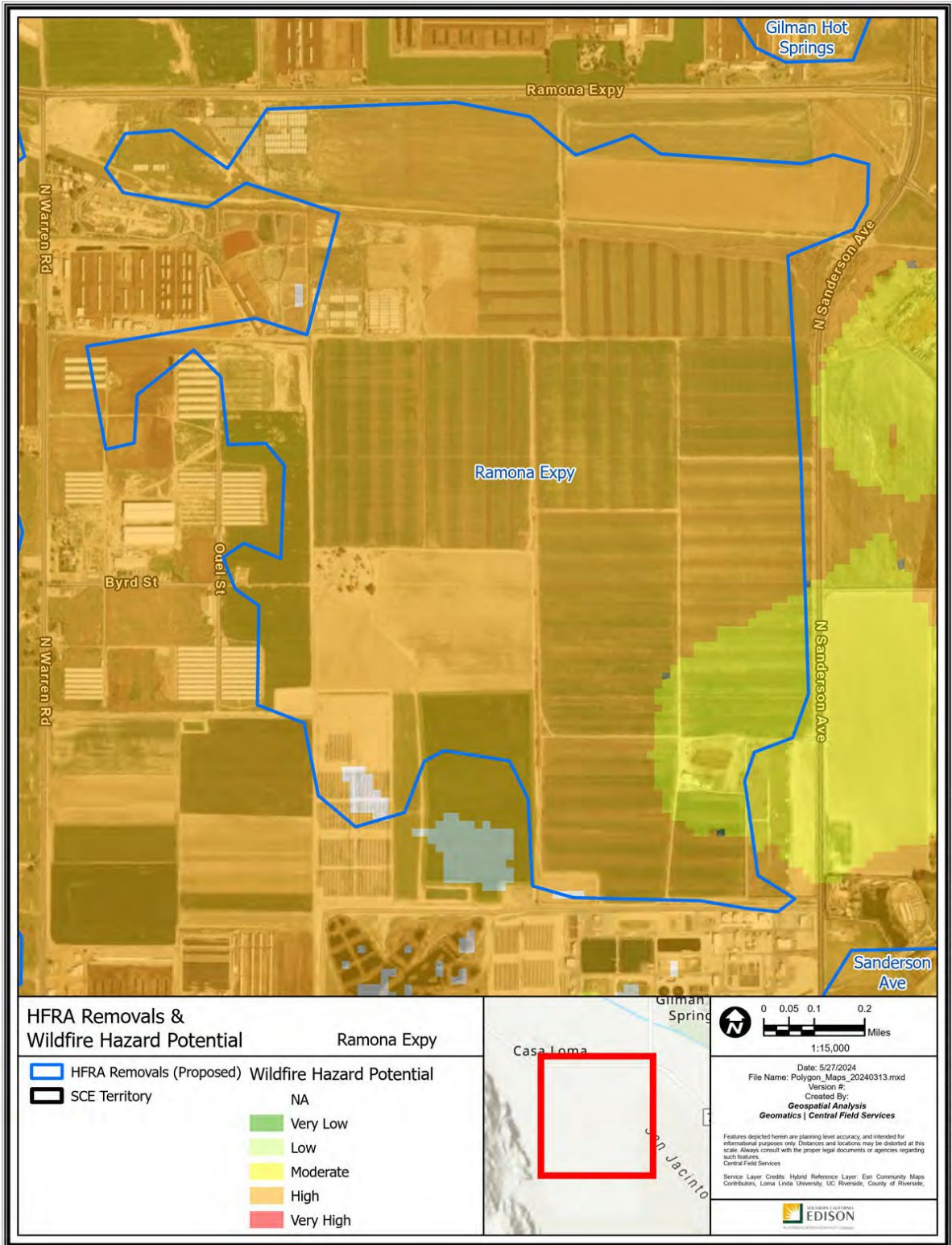
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|--------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 3.26 | 0 | 0 | 0 | 0 | 3.26 |

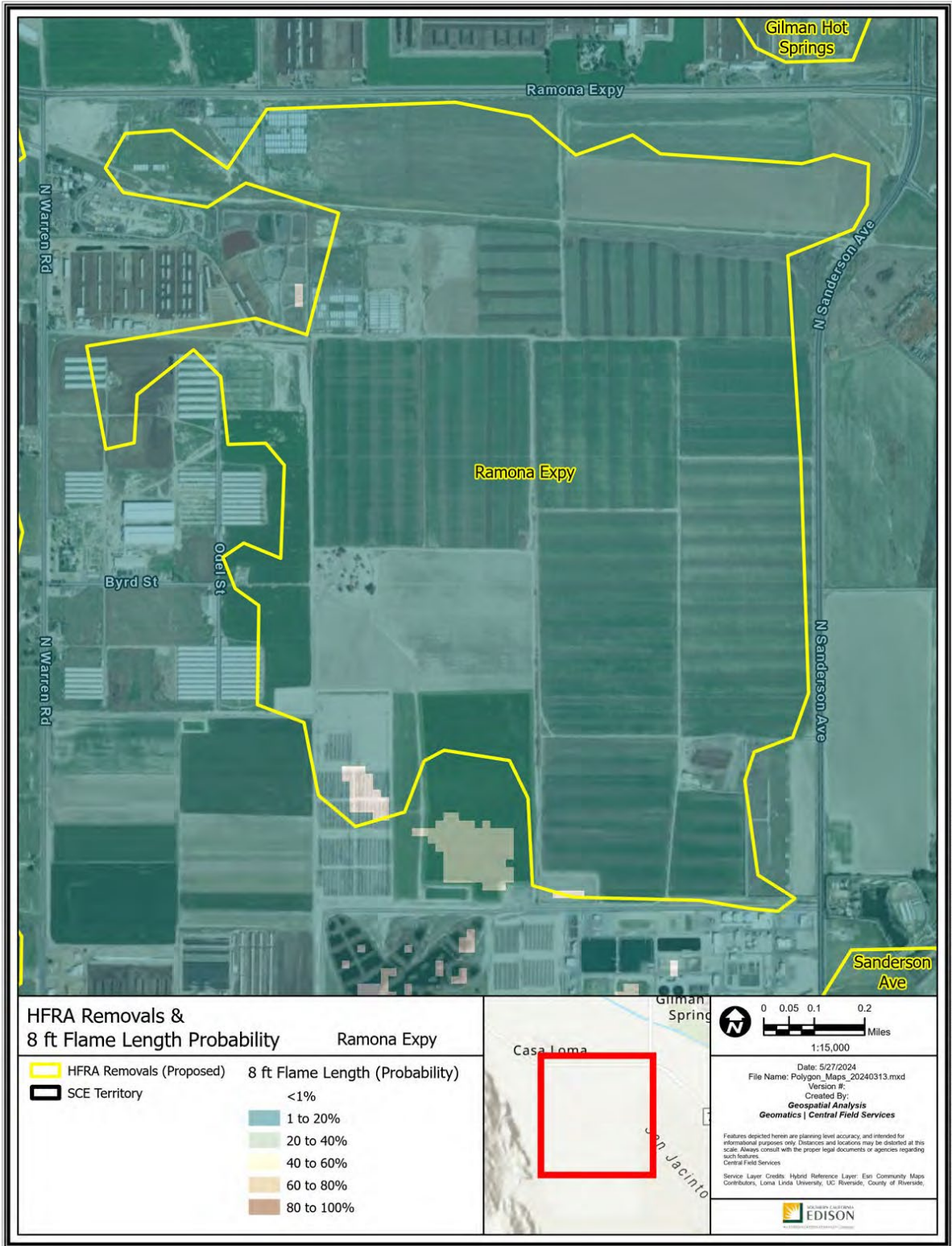
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 4 | 0.25° | 4: High | 2% |

Recommendation:

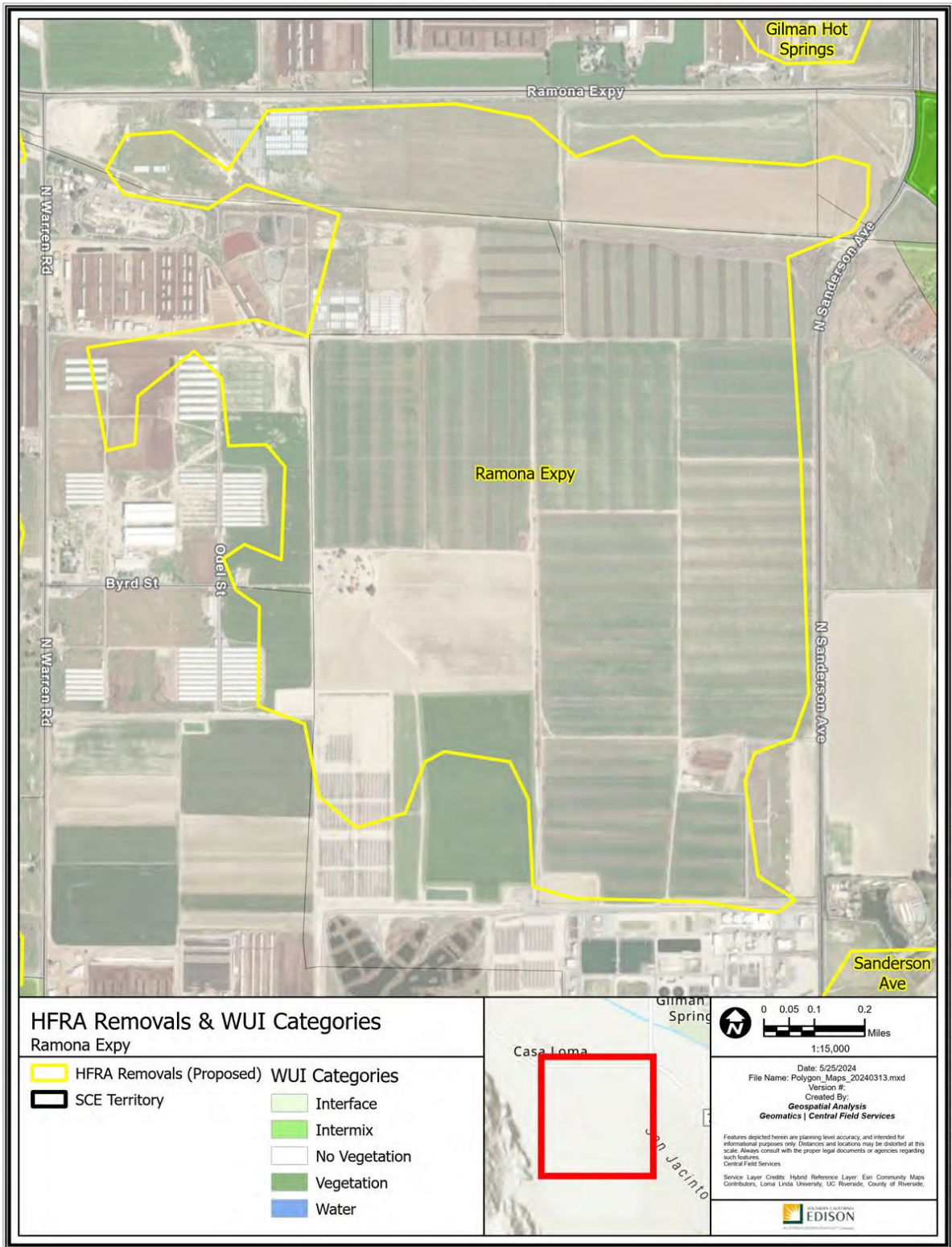
SCE proposes to remove the Ramona Expy polygon from HFTD. This polygon is surrounded by similar non-HFTD terrain, with maintained and irrigated agricultural fields.



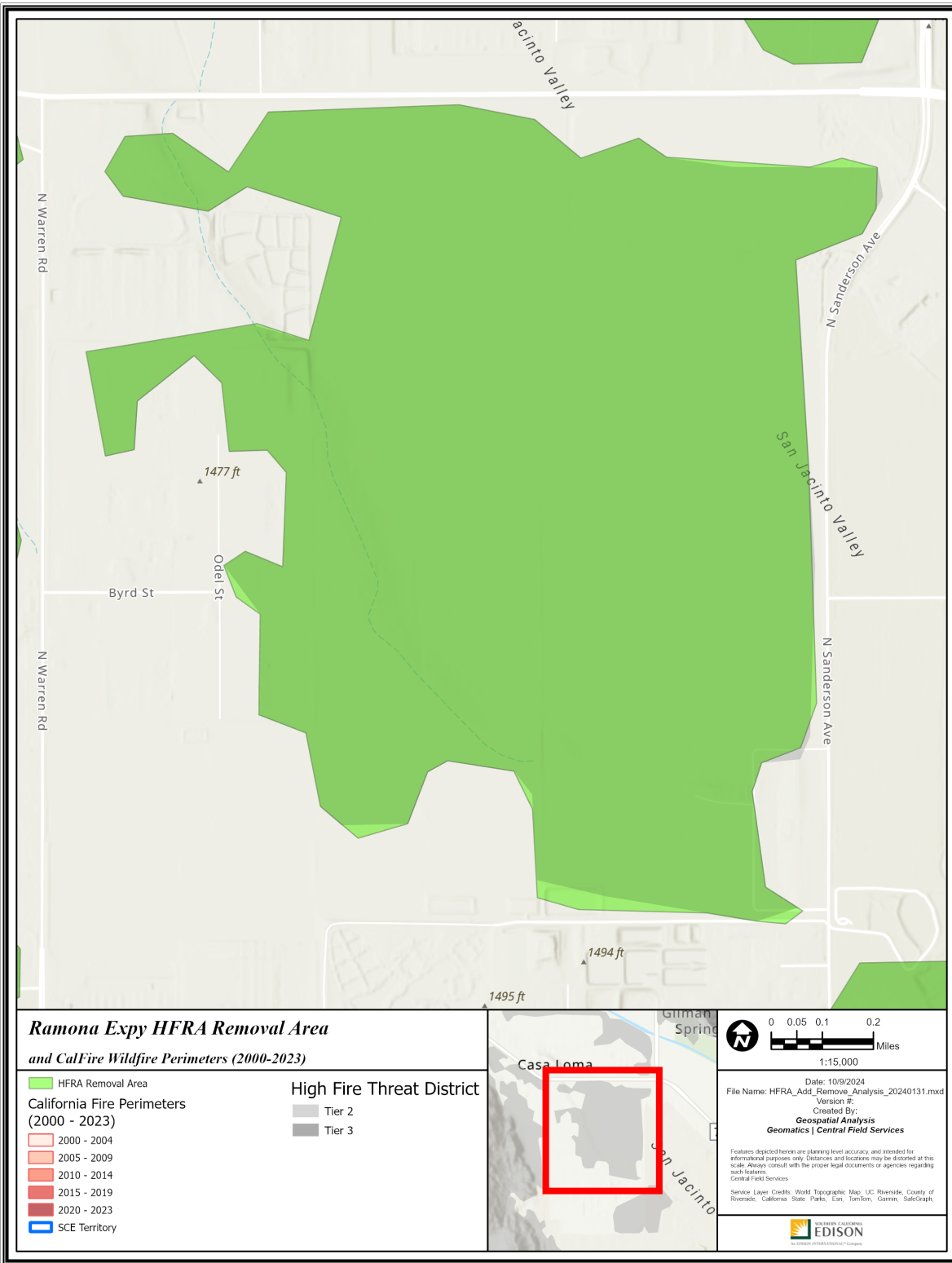
Path: P:\PROJECTS\Special_Productions\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



**Ramona Expy HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---|--|
| ■ HFRA Removal Area | Tier 2 |
| California Fire Perimeters (2000 - 2023) | Tier 3 |
| 2000 - 2004 | |
| 2005 - 2009 | |
| 2010 - 2014 | |
| 2015 - 2019 | |
| 2020 - 2023 | |
| SCE Territory | |



N 0 0.05 0.1 0.2 Miles
 1:15,000

Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Service Layer Credits: World Topographic Map; UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.

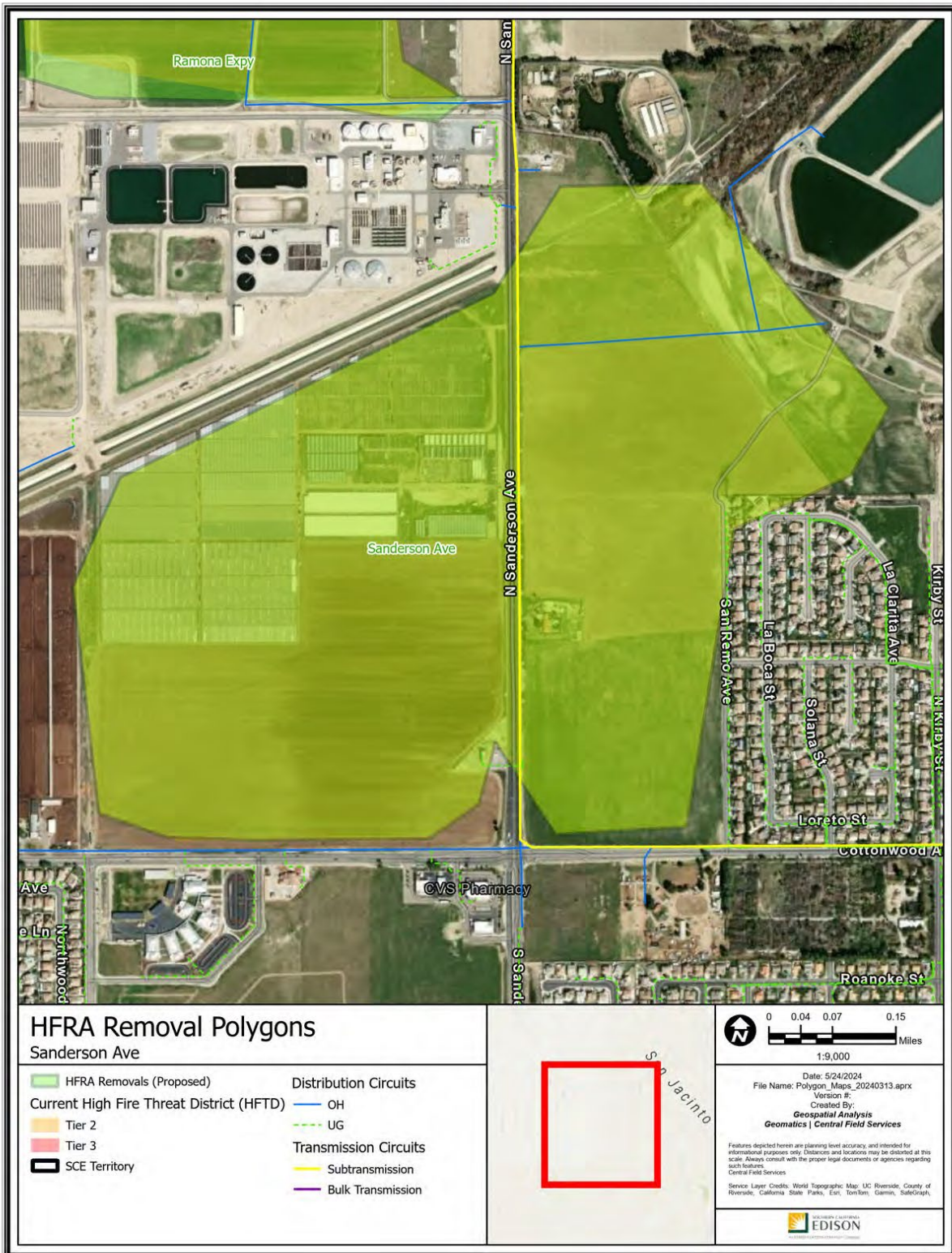
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R39 – Sanderson Ave

Riverside County

-117.00772, 33.792593

309 Acres



Path: P:\PROJECTS\Special_Projects\HFRM_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 95.9% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 1.6% | Low Load Dry Climate Grass |
| 1.0% | Moderate Load Dry Climate Grass Shrub |
| 0.7% | Short Sparse Dry Climate Grass |

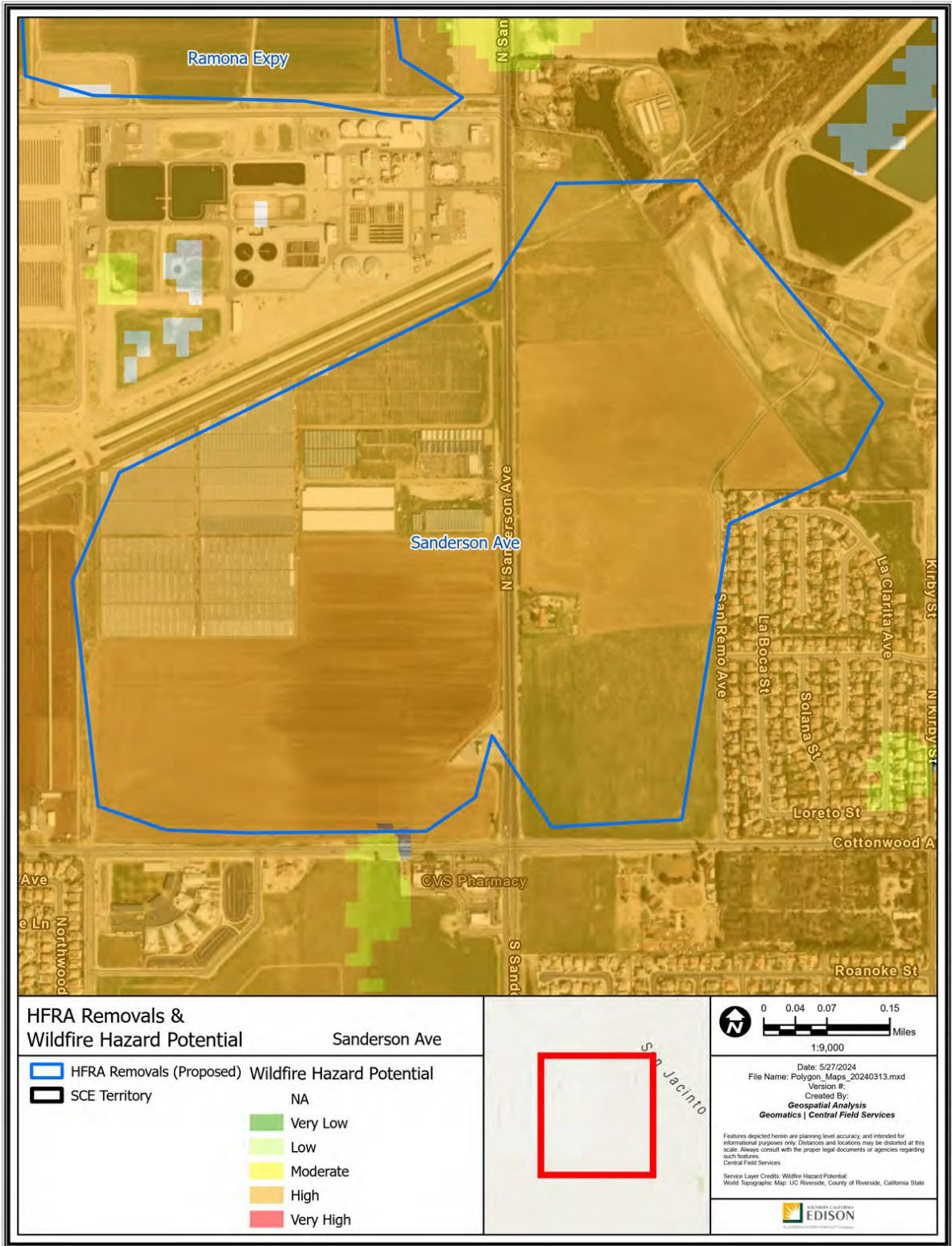
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|--------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 0.0% | 100.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 1.08 | 0.16 | 0.62 | 0 | 0 | 1.86 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 16 | 0.14° | 4: High | 5% |

Recommendation:

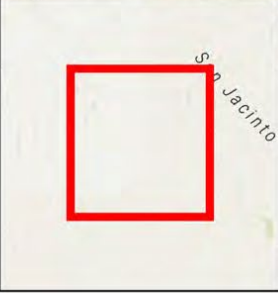
SCE proposes to remove the Sanderson Ave polygon from HFTD. This polygon is surrounded by similar non-HFTD terrain, with maintained and irrigated agricultural fields.



HFRA Removals & Wildfire Hazard Potential

Sanderson Ave

| | |
|--------------------------|----------------------------------|
| HFRA Removals (Proposed) | Wildfire Hazard Potential |
| SCE Territory | NA |
| | Very Low |
| | Low |
| | Moderate |
| | High |
| | Very High |



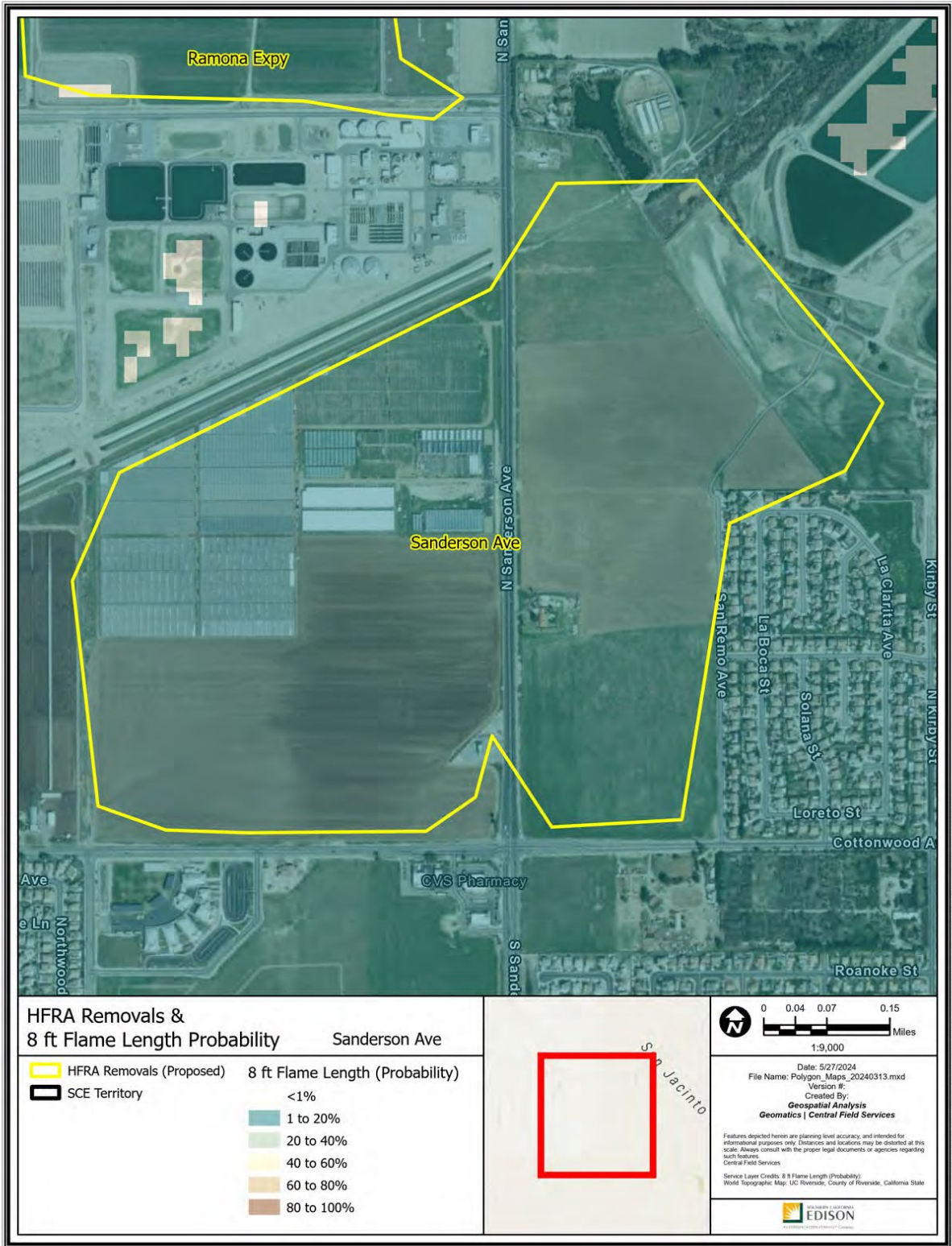
0 0.04 0.07 0.15 Miles
1:9,000

Date: 5/27/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By:
Geospatial Analysis
Geomatics | Central Field Services





Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

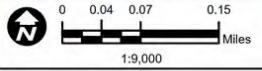
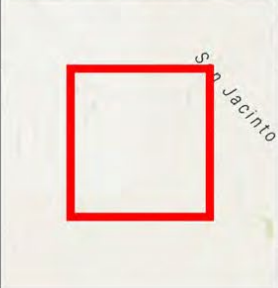
Service Layer Credits: Wildfire Hazard Potential: World Topographic; Map: UC Riverside, County of Riverside, California State

Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



HFRA Removals & 8 ft Flame Length Probability Sanderson Ave

| | |
|---|--|
|  | HFRA Removals (Proposed) |
|  | SCE Territory |
| | 8 ft Flame Length (Probability) |
|  | <1% |
|  | 1 to 20% |
|  | 20 to 40% |
|  | 40 to 60% |
|  | 60 to 80% |
|  | 80 to 100% |



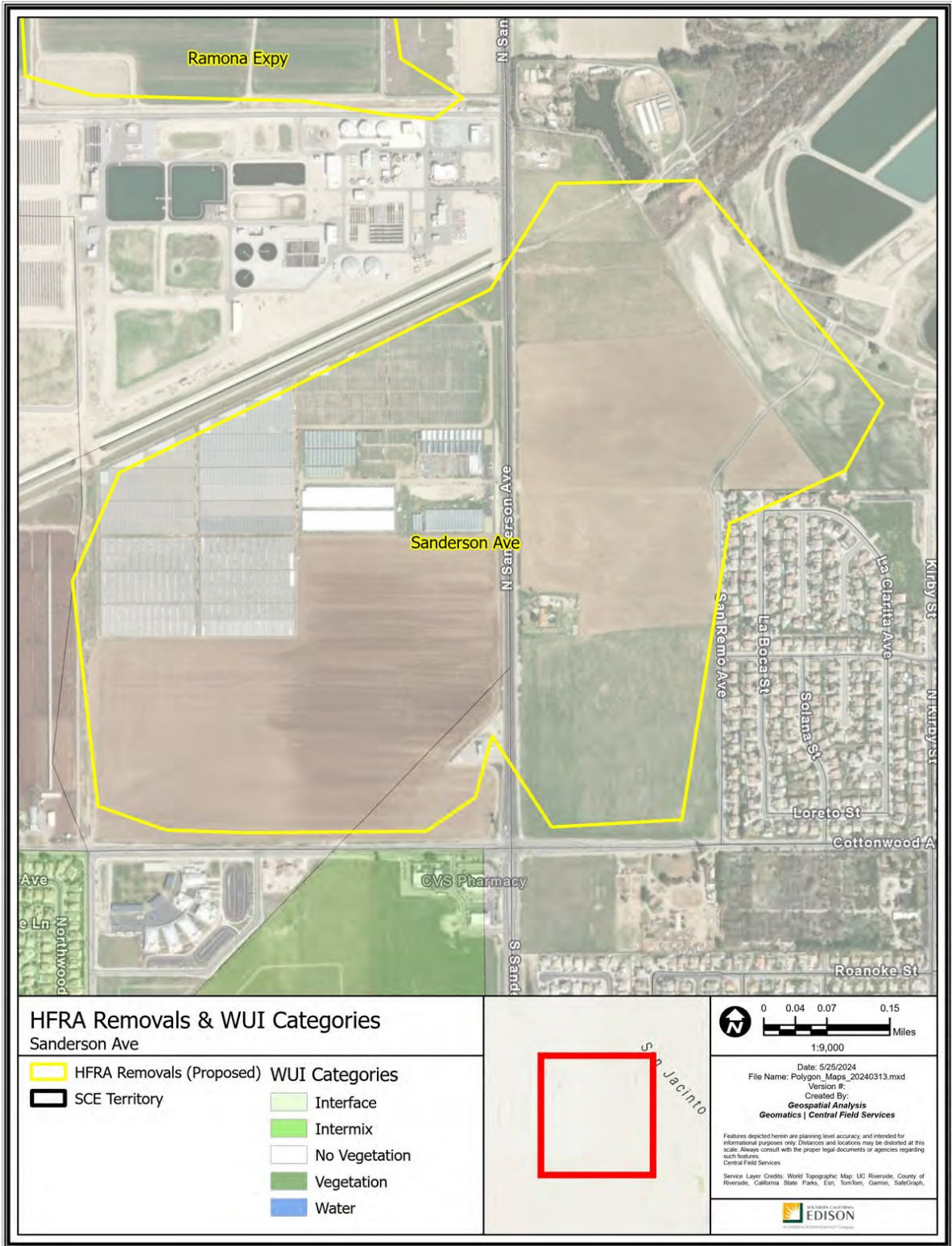
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: 8 ft Flame Length (Probability):
 World Topographic Map: UC Riverside, County of Riverside, California State

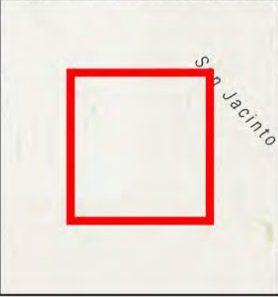


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Sanderson Ave

| | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



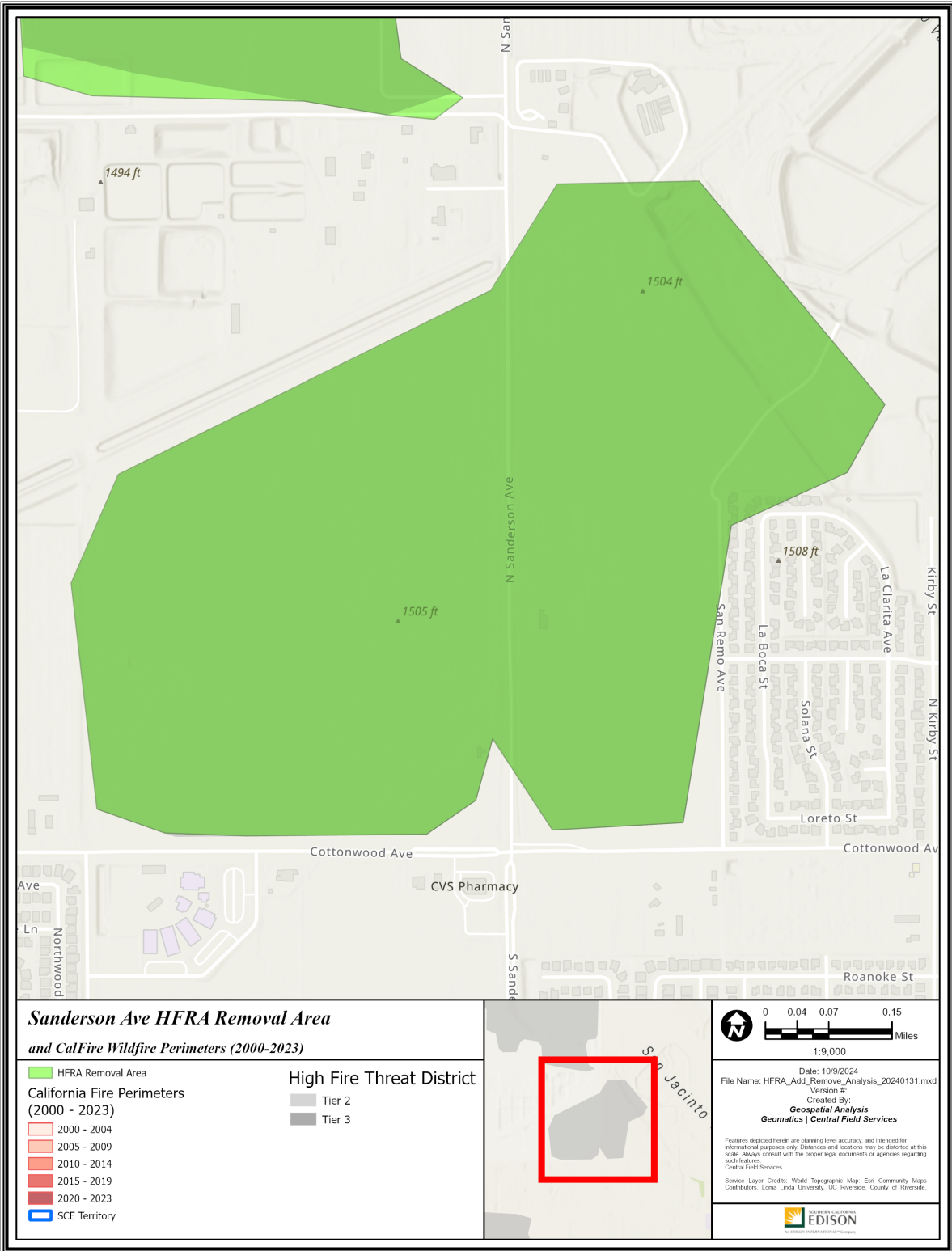
0 0.04 0.07 0.15 Miles
1:9,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
Central Field Services

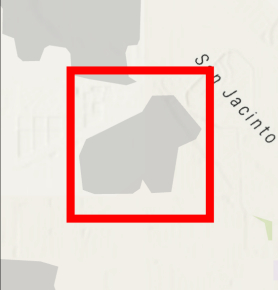
Service Layer Credits: World Topographic Map; UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph,

Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Sanderson Ave HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---|---|
| <ul style="list-style-type: none"> ■ HFRA Removal Area California Fire Perimeters (2000 - 2023) ■ 2000 - 2004 ■ 2005 - 2009 ■ 2010 - 2014 ■ 2015 - 2019 ■ 2020 - 2023 ■ SCE Territory | <p>High Fire Threat District</p> <ul style="list-style-type: none"> ■ Tier 2 ■ Tier 3 |
|---|---|



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
Service Layer Credits: World Topographic Map; Esri Community Maps Contributors; Loma Linda University; UC Riverside; County of Riverside.

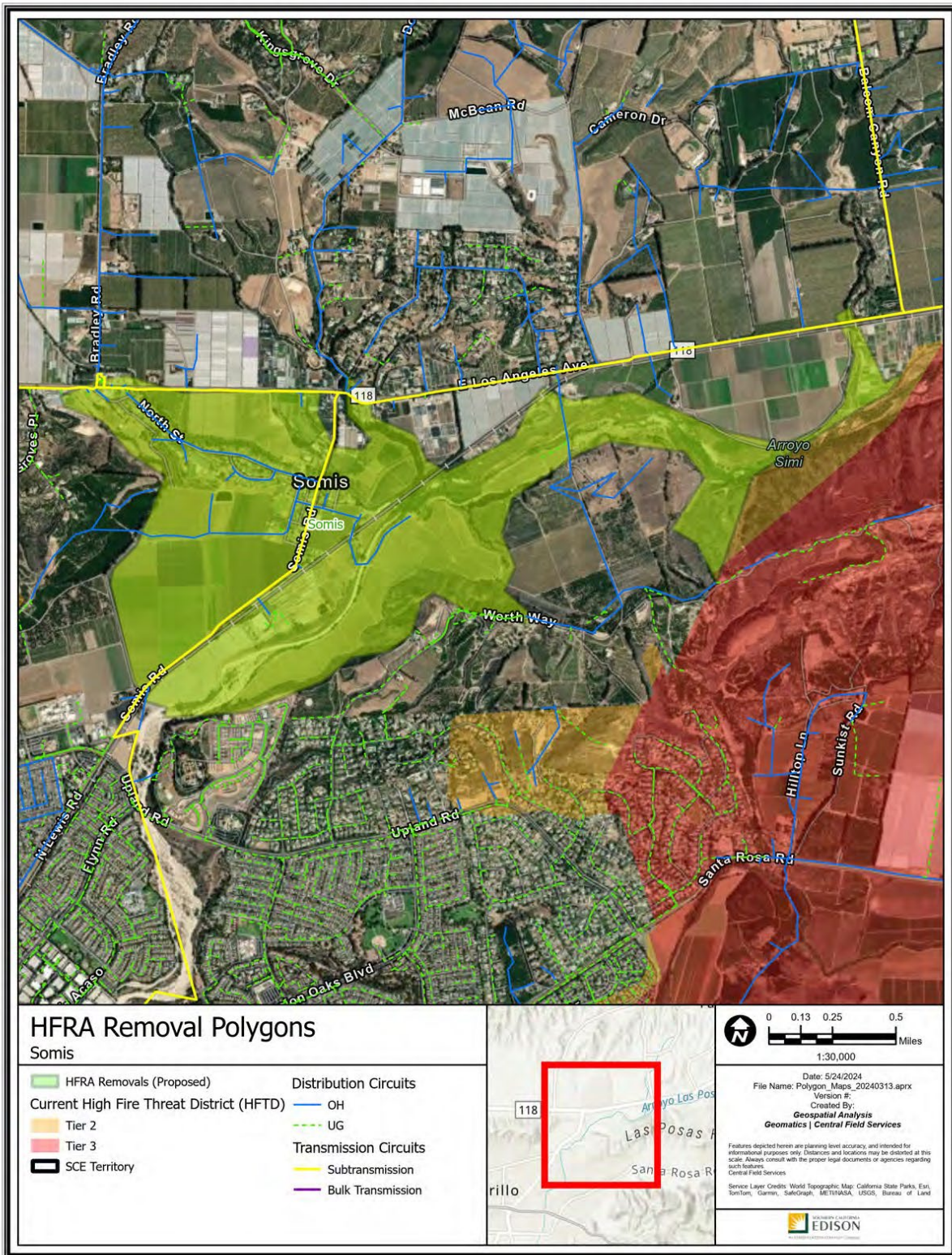
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131.aprx

R40 – Somis

Ventura County

-118.992918, 34.256213

1,200 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 34.2% | Moderate Load Dry Climate Grass Shrub |
| 28.4% | Low Load Dry Climate Grass |
| 8.8% | Short Sparse Dry Climate Grass |
| 5.3% | Non Burnable Urban Areas |

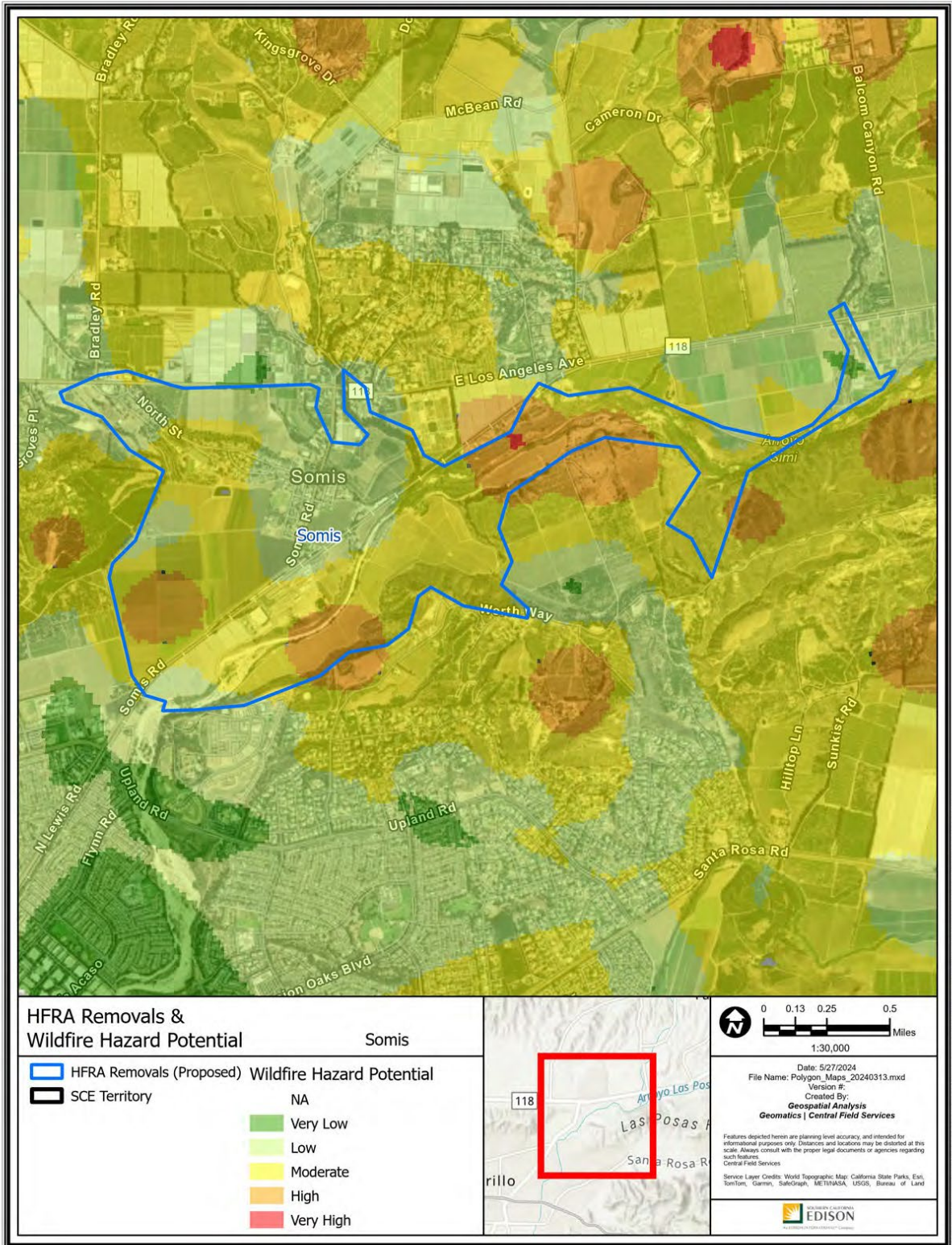
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 9.5% | 0.0% | 19.0% | 65.4% | 6.1% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 7.8 | 1.06 | 2.83 | 0 | 0 | 11.69 |

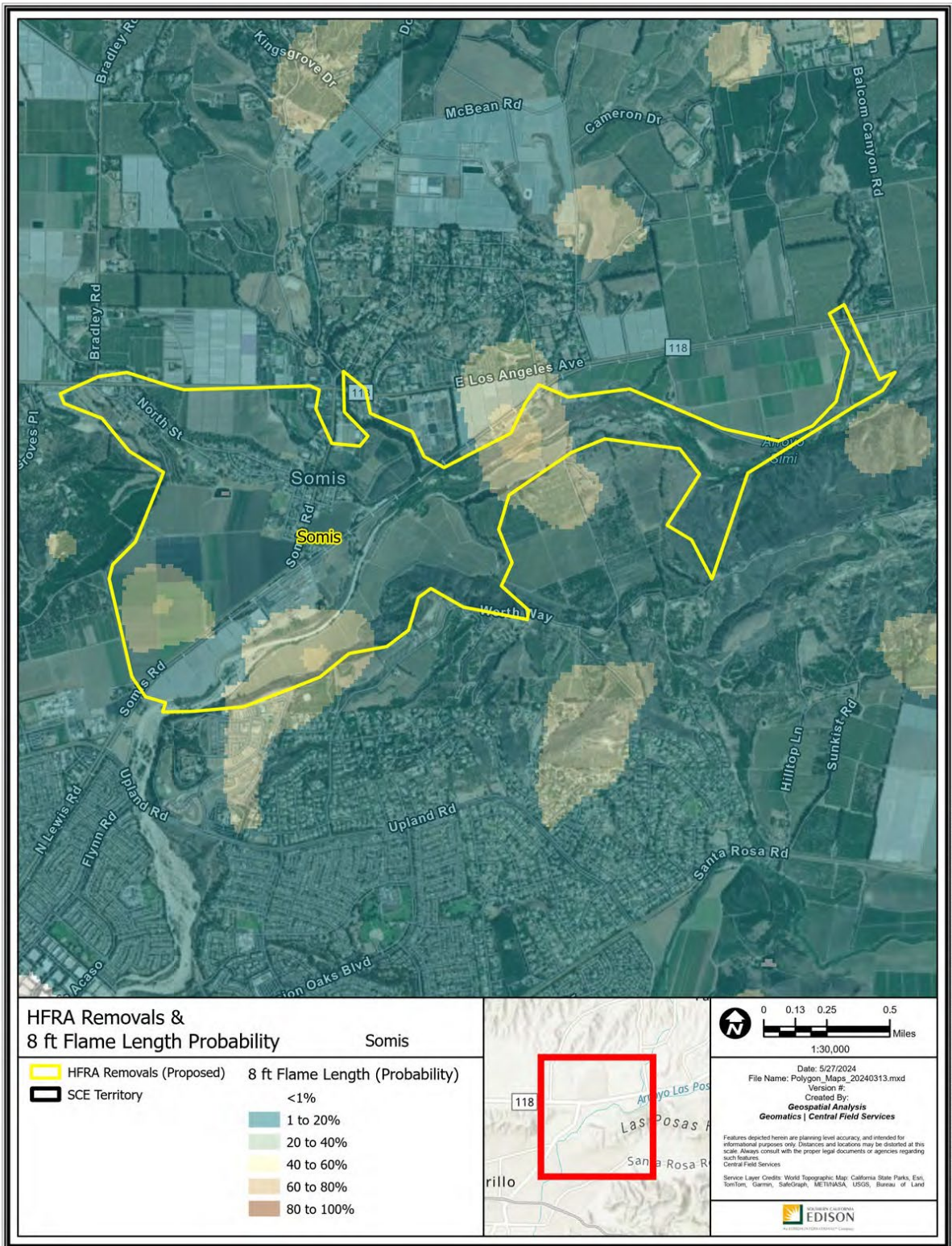
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 308 | 3.35° | 3: Moderate | 13% |

Recommendation:

SCE proposes to remove the Somis polygon from HFTD. The polygon consists of a riverbed alongside maintained and irrigated agricultural land. The proposed removal would move the HFTD boundary at the commencement of the more complex terrain. The non-complex terrain in this polygon may better accommodate fire suppression and slow the spread of a fire relative to adjacent complex terrain.

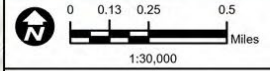


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



HFRA Removals & 8 ft Flame Length Probability Somis

| | |
|--------------------------|--|
| HFRA Removals (Proposed) | 8 ft Flame Length (Probability) |
| SCE Territory | <1% |
| | 1 to 20% |
| | 20 to 40% |
| | 40 to 60% |
| | 60 to 80% |
| | 80 to 100% |



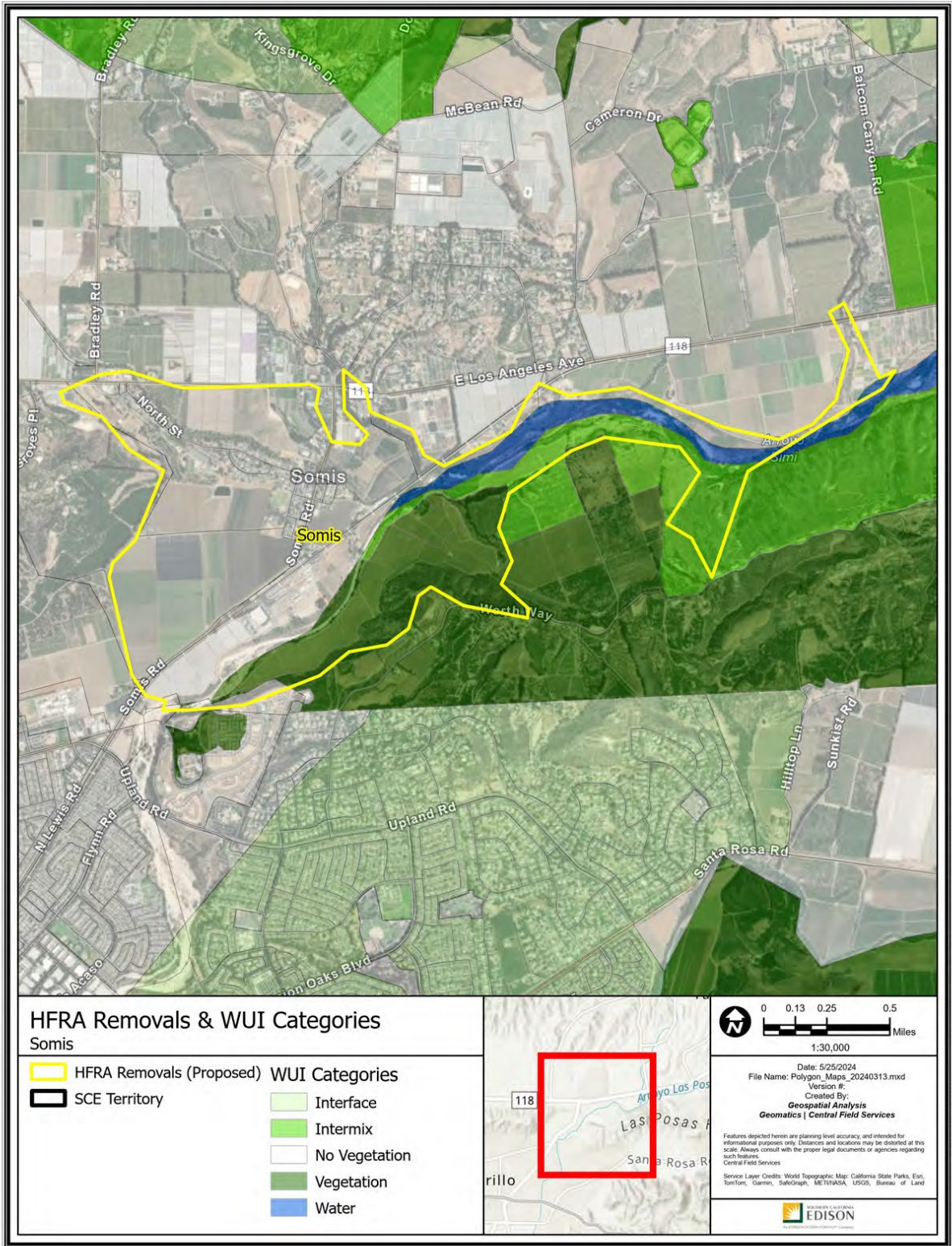
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: World Topographic Map; California State Parks, East; TomTom; Garmin; SafeGraph; METRANSA; USGS; Bureau of Land



Path: P:\PROJECTS\Special_Programs\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Somis

- | | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



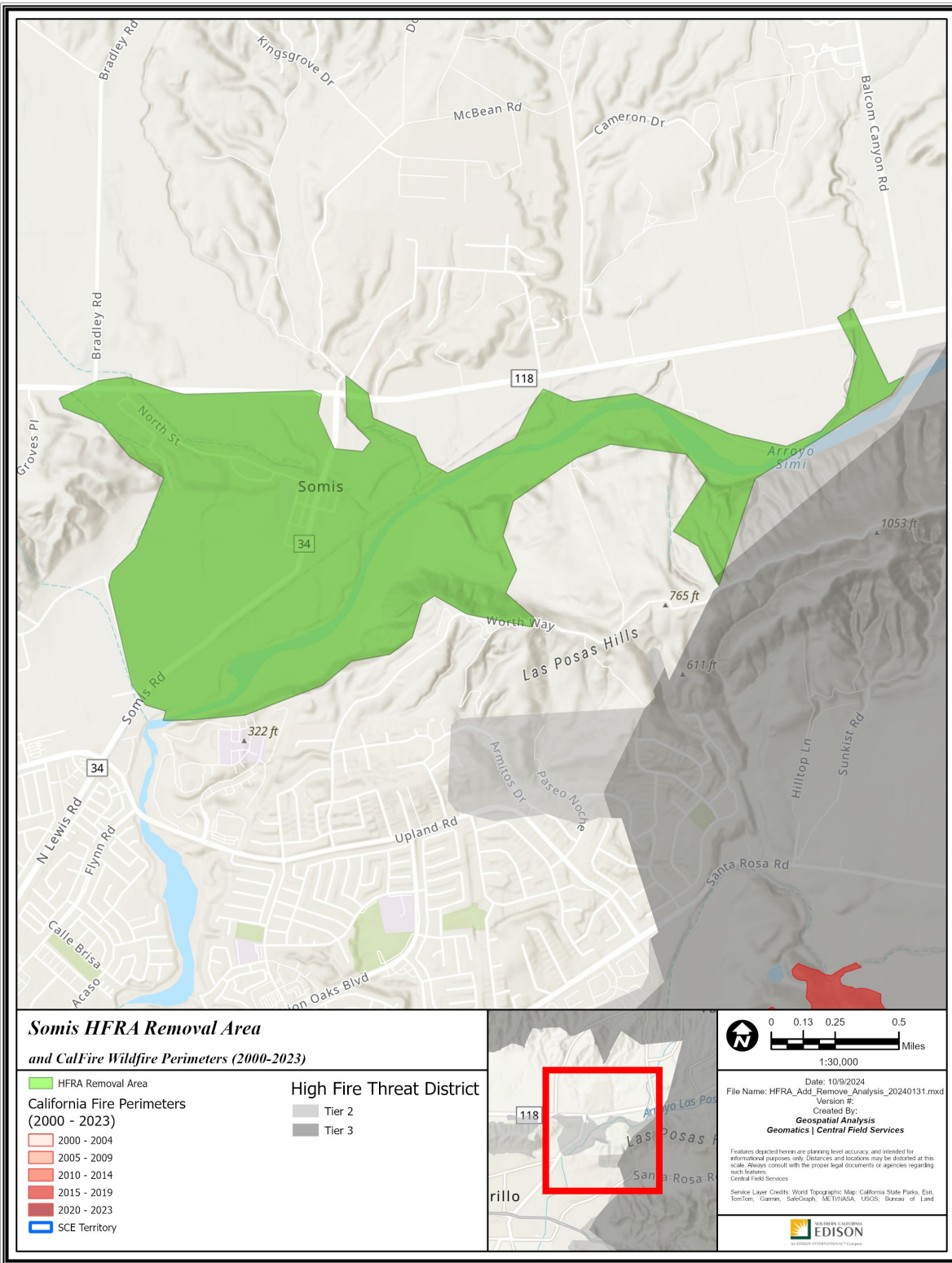
0 0.13 0.25 0.5 Miles
1:30,000

Date: 5/25/2024
File Name: Polygon_Map_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: World Topographic Map; California State Parks, East; TomTom; Garmin, SafeGraph; METRANSA; USGS; Bureau of Land

Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



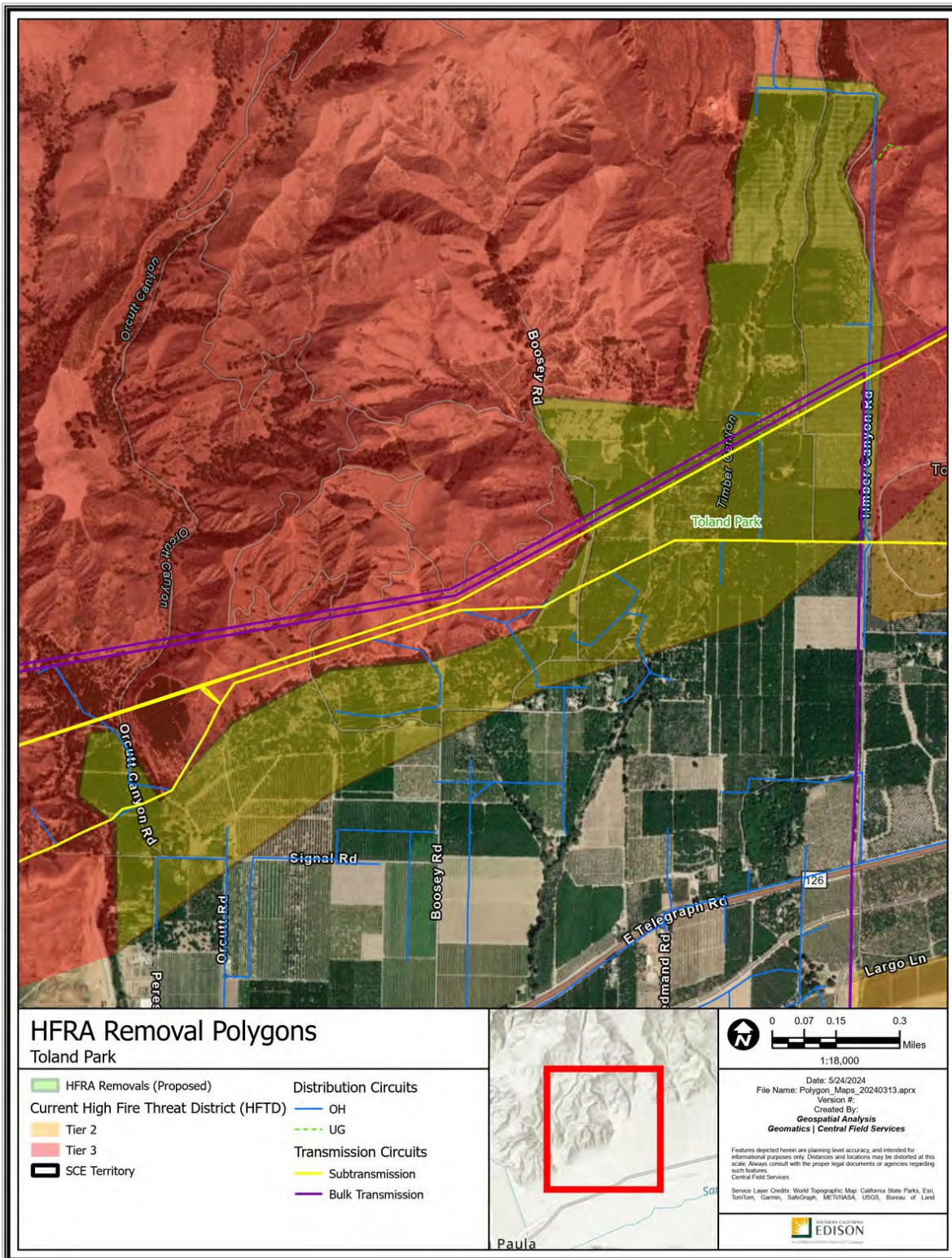
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R41 – Toland Park

Ventura County

-119.018821, 34.386388

600 Acres



Path: P:\PROJECTS\Spatial_Projects\HFRA_Toland_Park_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 86.4% | Agricultural Fields Maintained in a Non Burnable Condition |
| 6.5% | Moderate Load Dry Climate Grass Shrub |
| 3.6% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 1.4% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 3.0% | 65.1% | 31.9% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 4.11 | 0.06 | 2.49 | 0 | 3.84 | 10.5 |

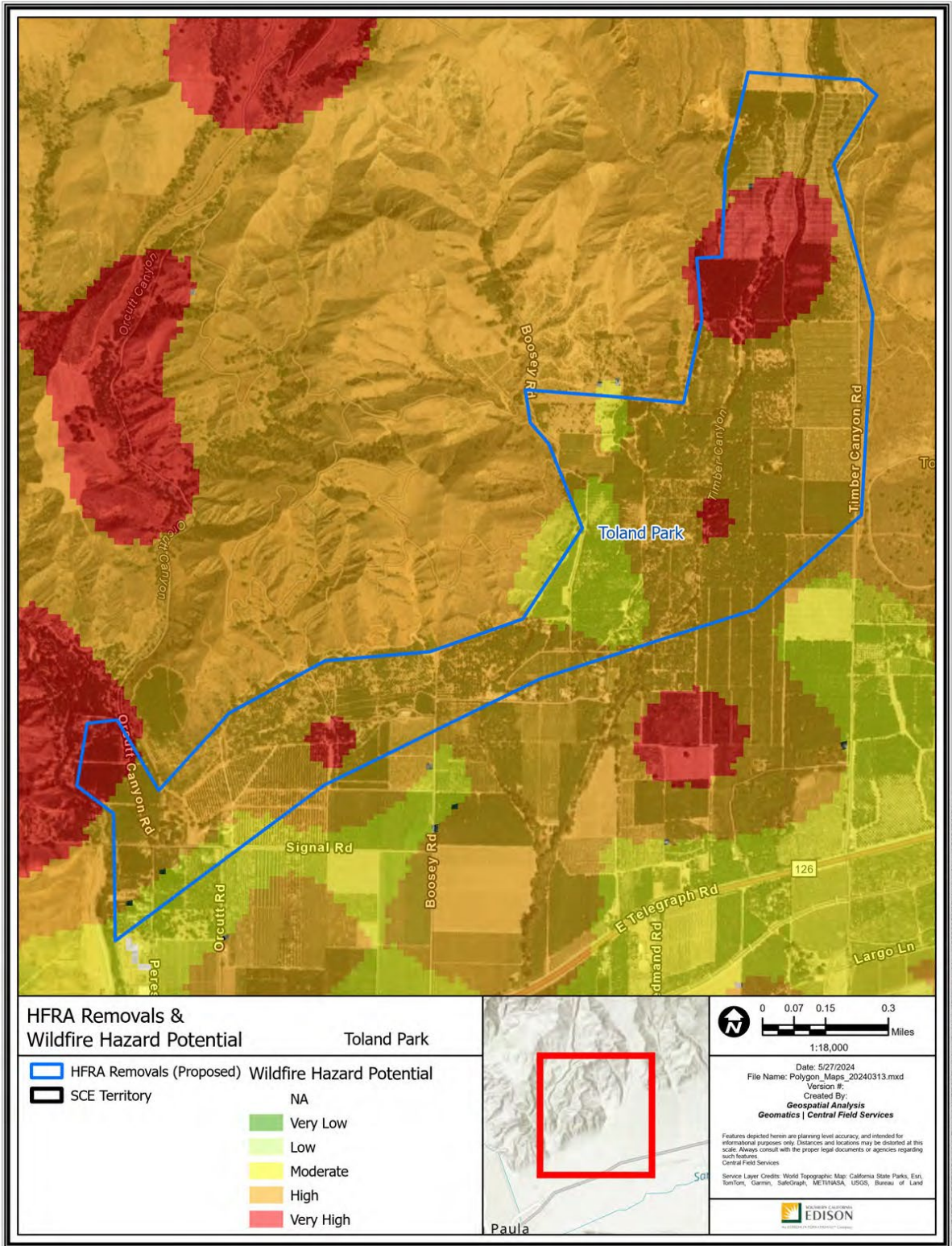
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 19 | 6.56° | 4: High | 23% |

This removal features some areas that met threshold levels of IWMS criteria:

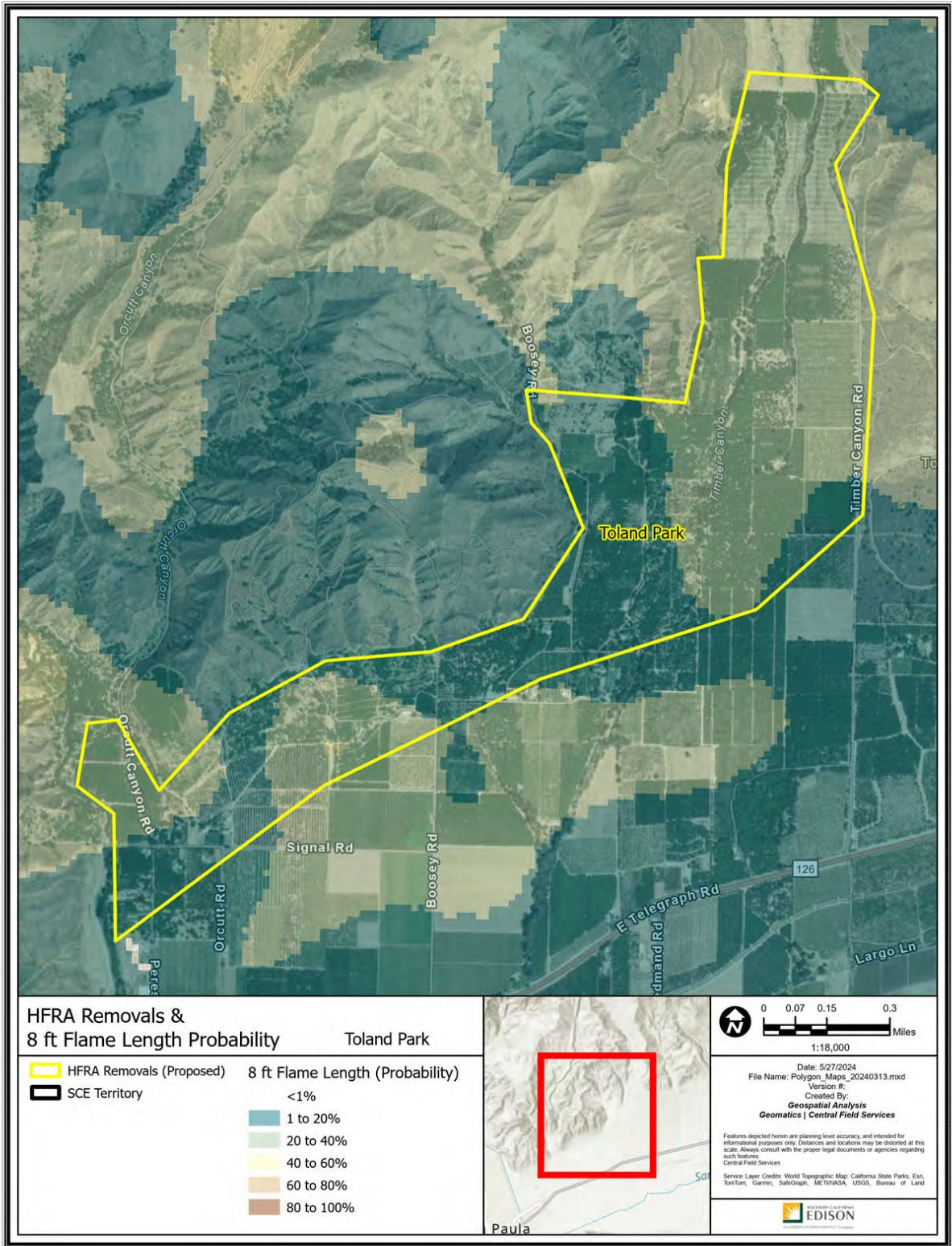
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.
- The polygon overlaps with regions that met burn-in buffer criteria.

Recommendation:

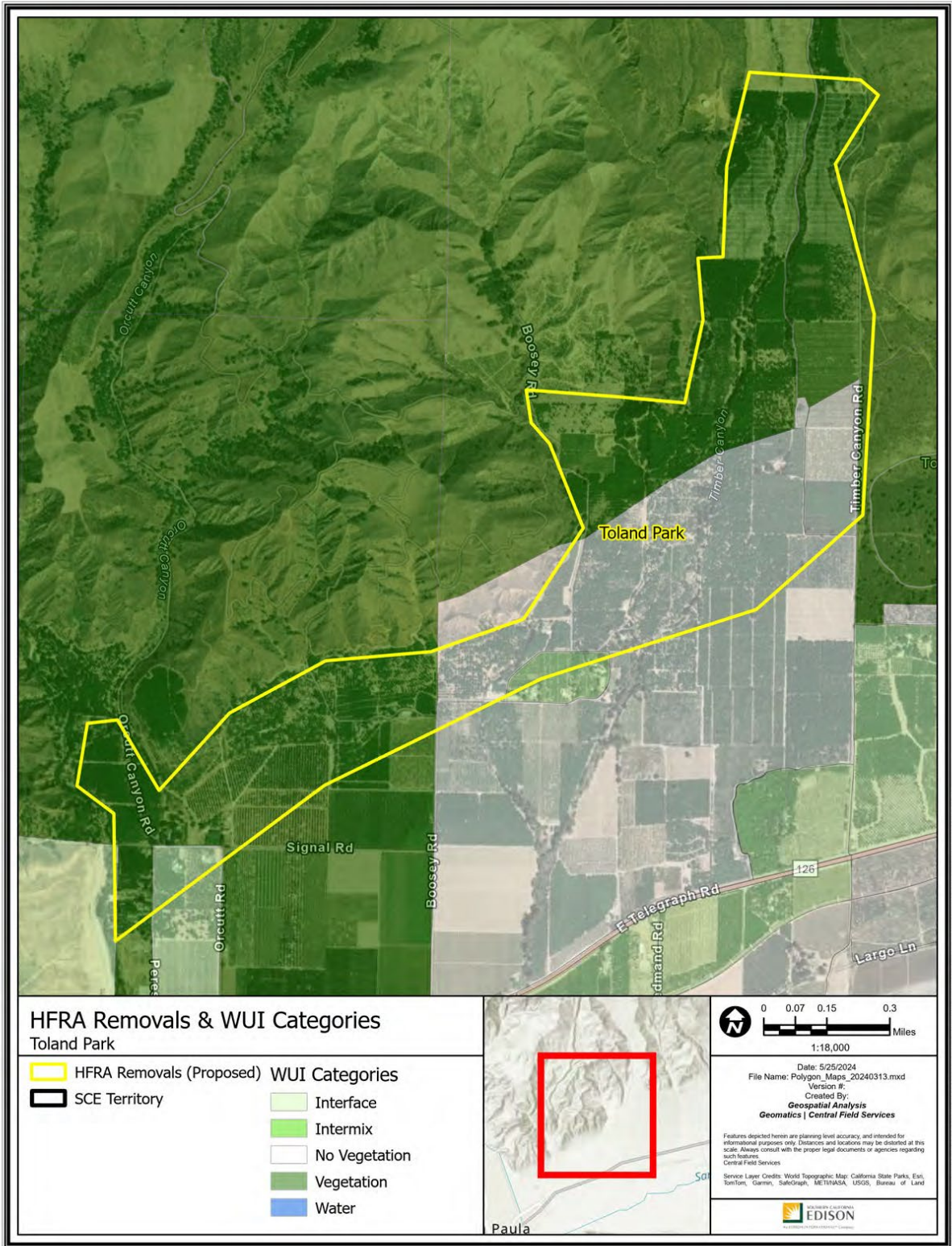
SCE proposes to remove the Toland Park polygon from the HFTD. The polygon is in an area without the presence of burnable fuels. The proposed removal consists of maintained and irrigated agricultural land that is consistent with the adjacent non-HFTD area. This removal would establish the HFTD boundary at the commencement of the more complex and higher-risk terrain along the northern edge of the polygon.



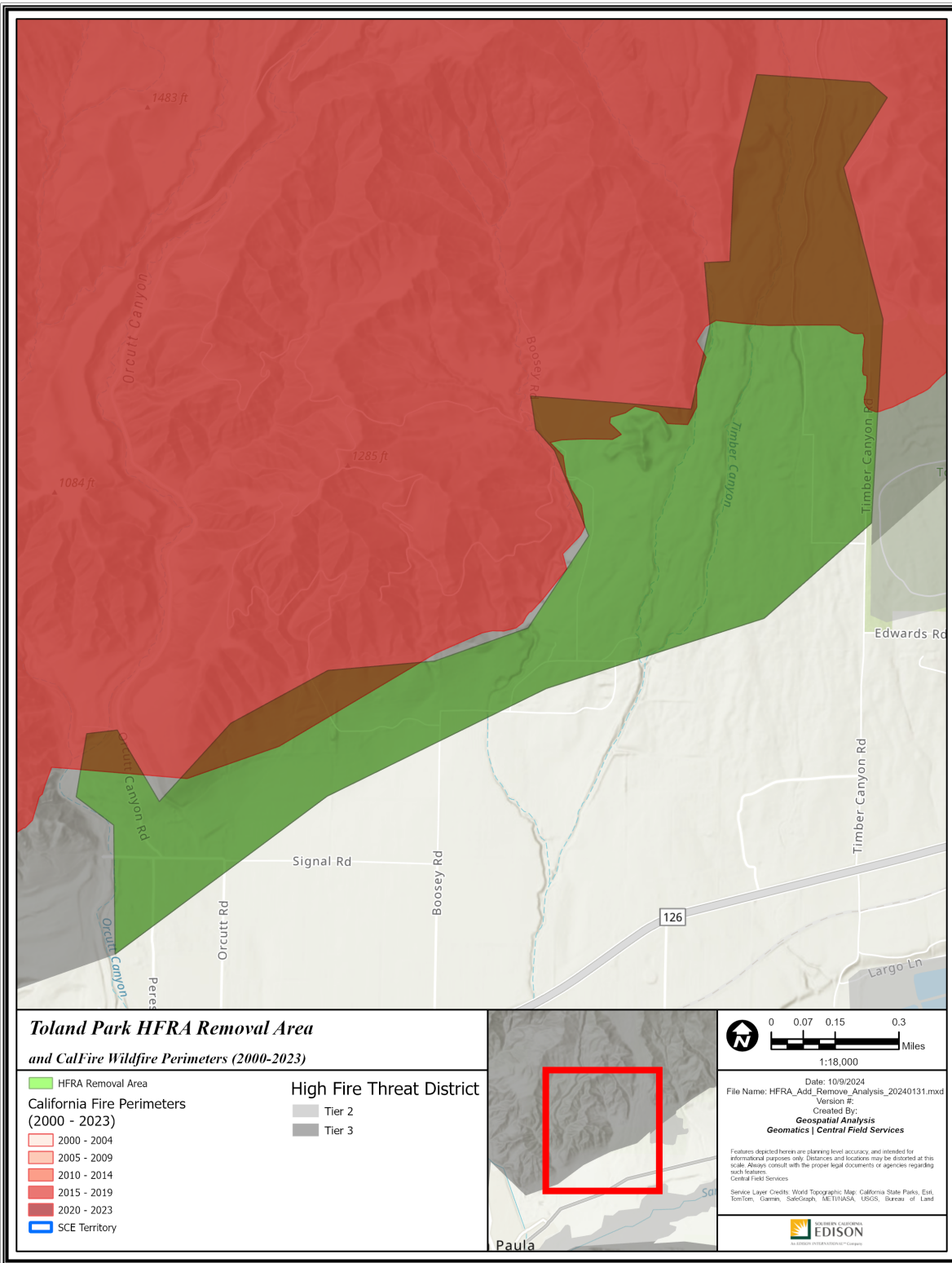
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

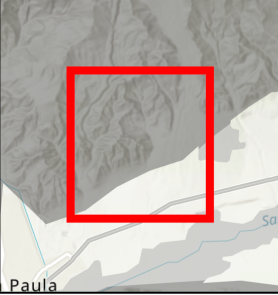


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Toland Park HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---|--|
| ■ HFRA Removal Area | High Fire Threat District |
| California Fire Perimeters (2000 - 2023) | Tier 2 |
| 2000 - 2004 | Tier 3 |
| 2005 - 2009 | |
| 2010 - 2014 | |
| 2015 - 2019 | |
| 2020 - 2023 | |
| SCE Territory | |



1:18,000

Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #: _____
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services
 Service Layer Credits: World Topographic Map: California State Parks, Esri, TomTom, Garmin, SafeGraph, METI/USA, USGS, Bureau of Land

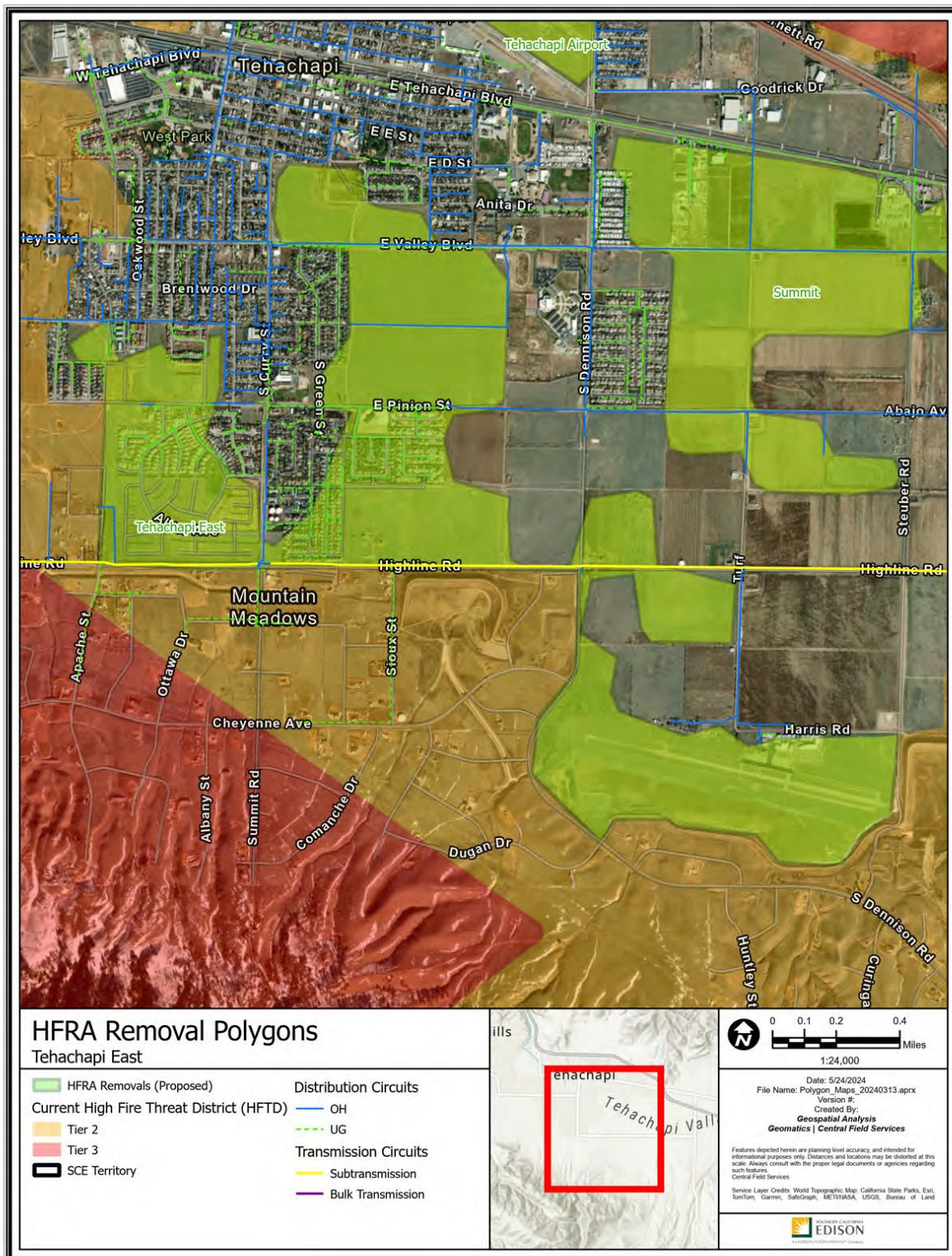
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R42 – Tehachapi East

Kern County

-118.439113, 35.11152

931 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 63.0% | Low Load Dry Climate Grass |
| 18.7% | Moderate Load Dry Climate Grass Shrub |
| 3.6% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 3.2% | Urban Core Surrounded by Low Fire Behavior Fuel |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 32.4% | 13.2% | 52.7% | 1.7% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 3.52 | 5.41 | 1.68 | 0 | 0 | 10.61 |

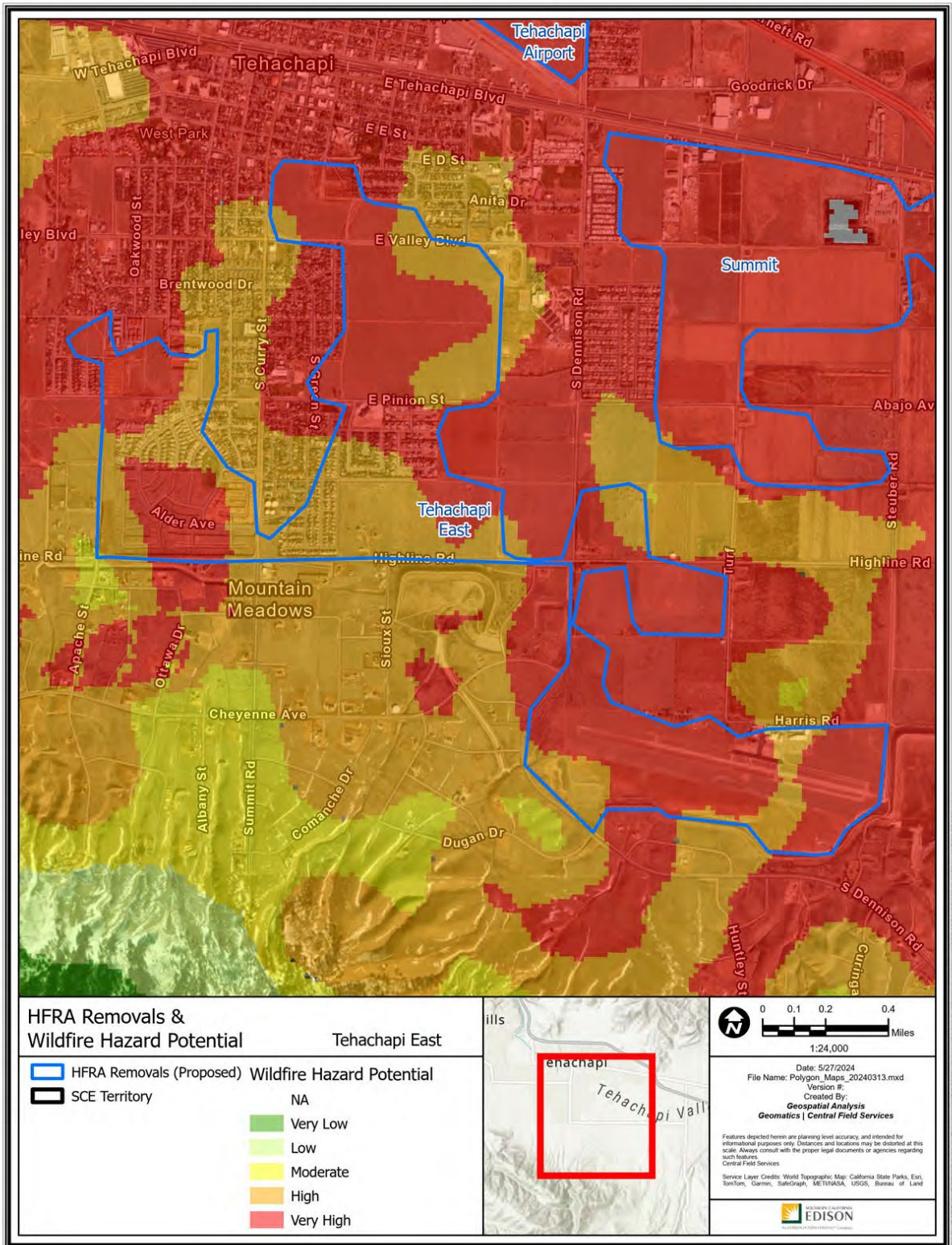
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 417 | 1.73° | 5: Very High | 54% |

This removal features some areas that met threshold levels of IWMS criteria:

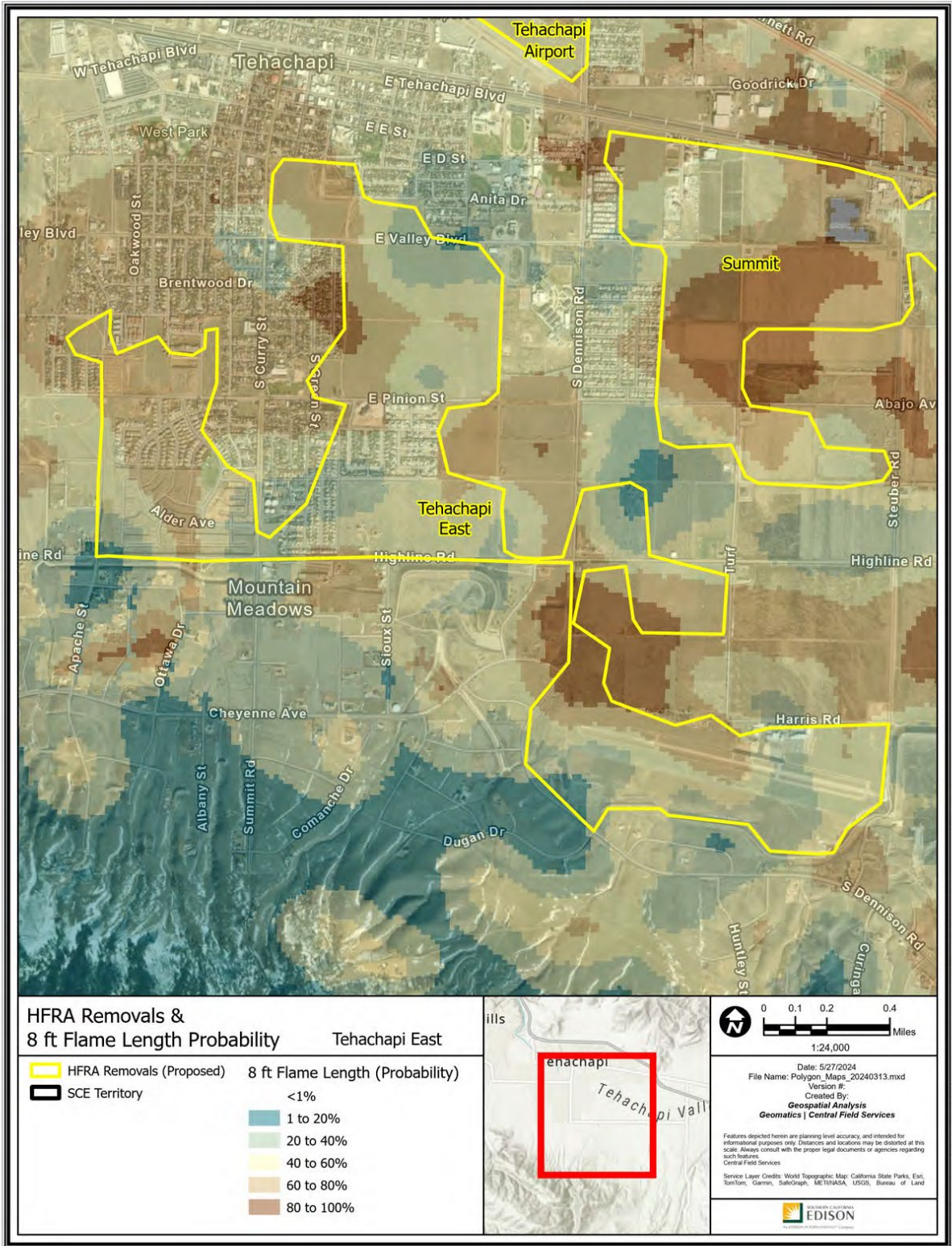
- The polygon overlaps with regions where wildfire consequence modeling indicates Severe or High Consequence outputs.

Recommendation:

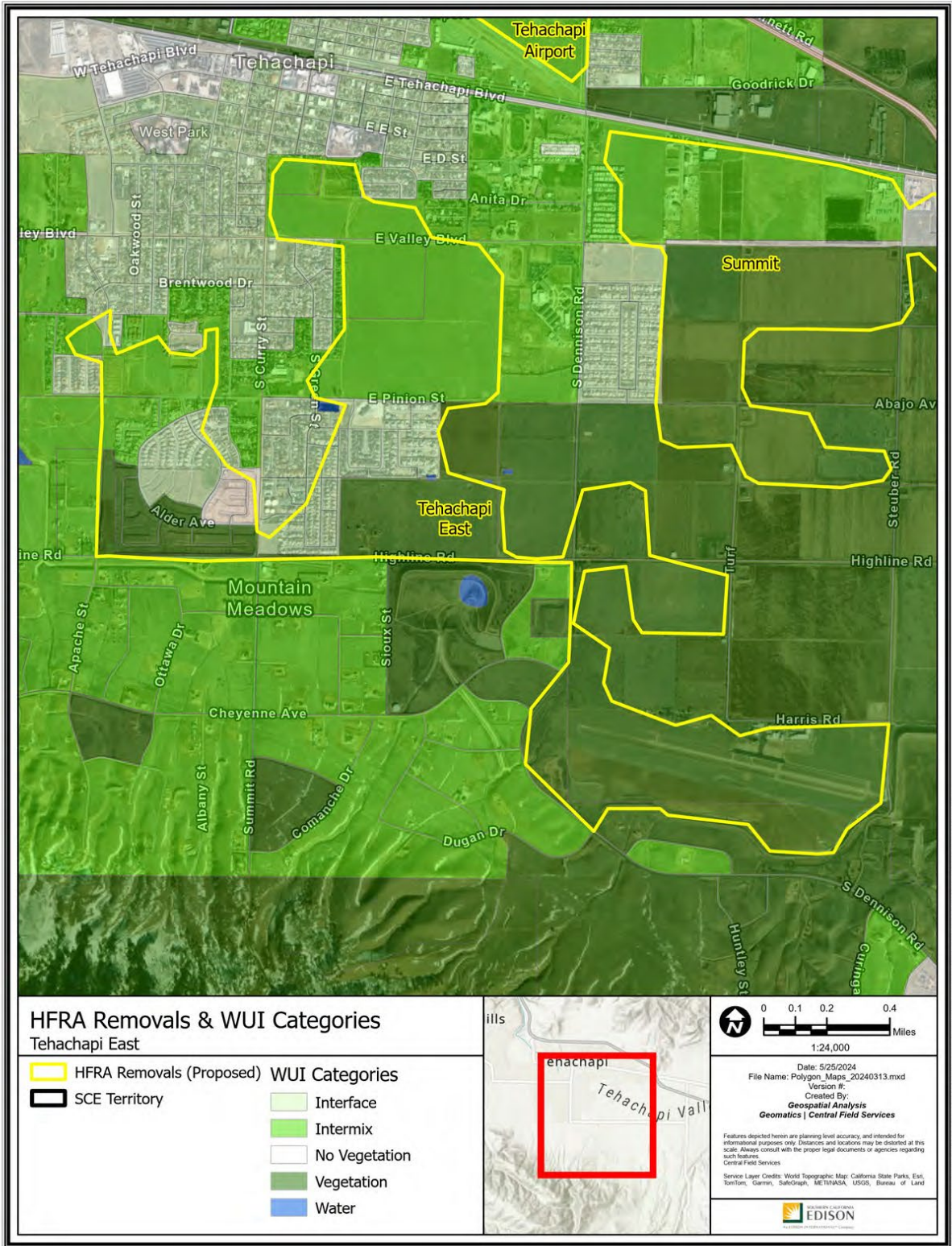
SCE proposes to remove the Tehachapi East polygon from the HFTD. The polygon is predominantly agricultural land, which, even when left uncultivated, would carry minimal fire fuels. The polygon also includes a municipal airport and a small section of urban communities without the presence of burnable fuels. SCE’s proposed updated HFTD boundary uses roads as firebreaks.



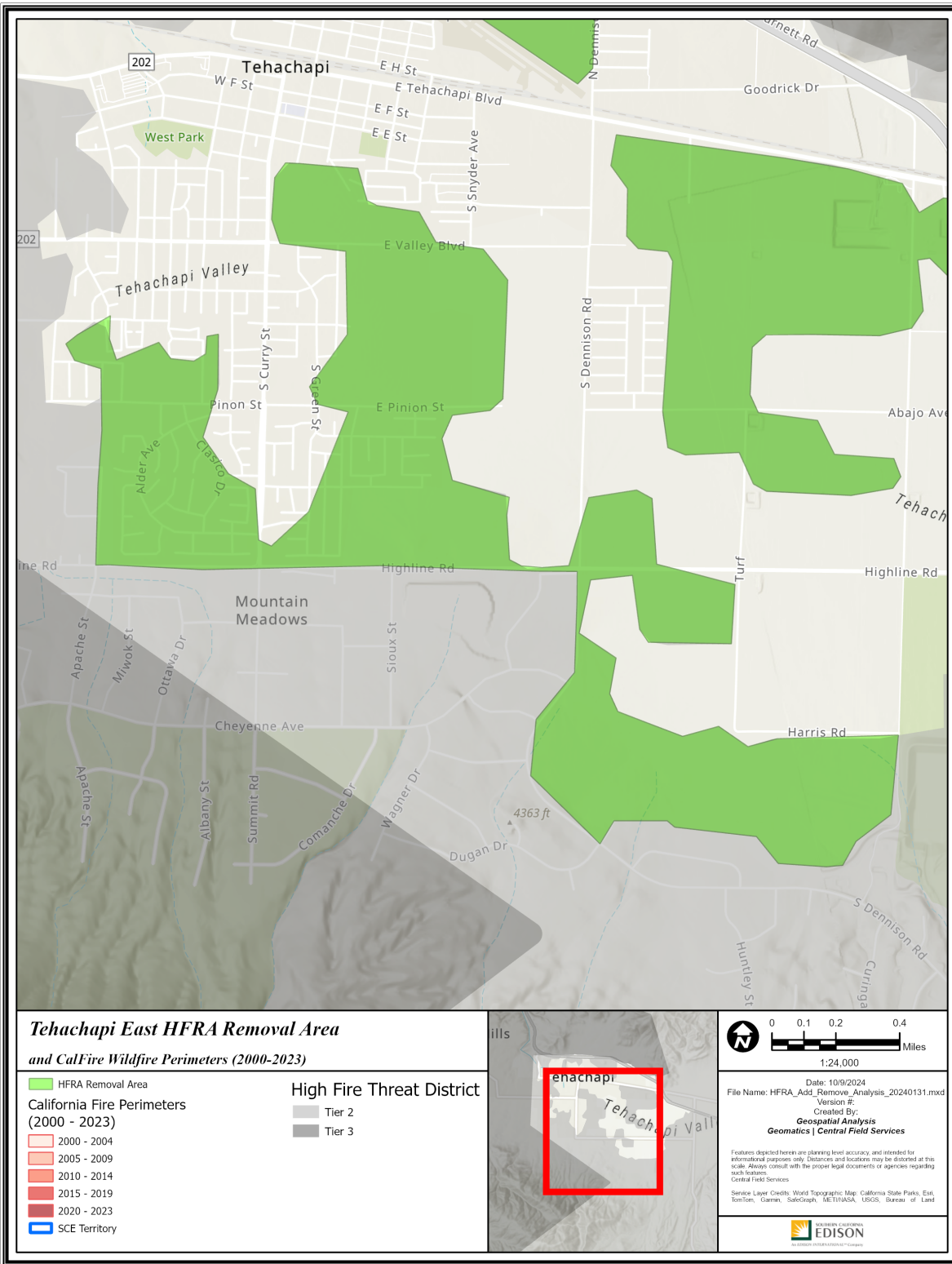
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

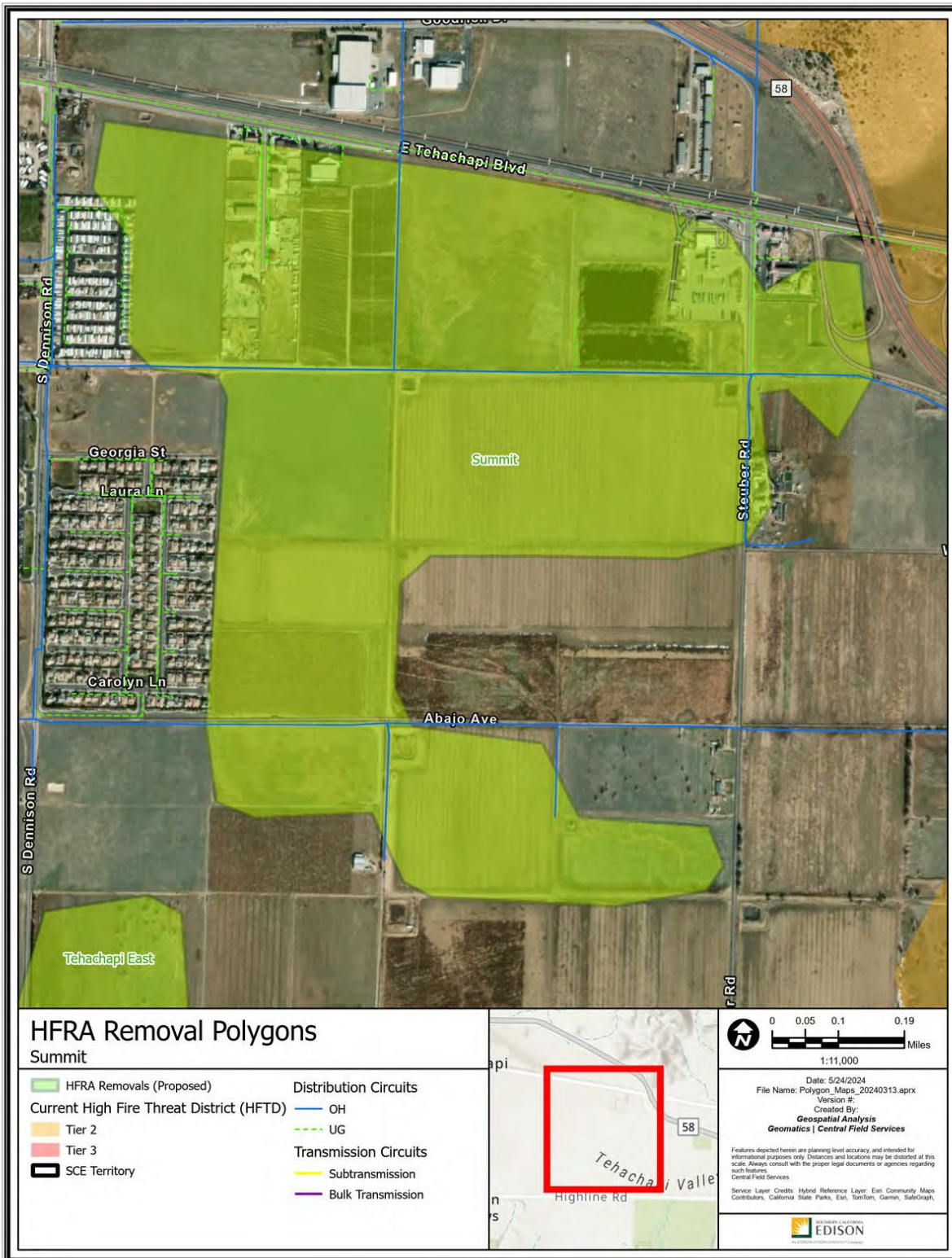


R43 – Summit

Kern County

-118.4218, 35.122481

439 Acres



Path: P:\PROJECTS\Special_P\Projects\HFRA_Tehachapi_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 54.4% | Low Load Dry Climate Grass |
| 23.9% | Moderate Load Dry Climate Grass Shrub |
| 10.5% | Short Sparse Dry Climate Grass |
| 4.8% | Agricultural Fields Maintained in a Non Burnable Condition |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 36.6% | 0.6% | 57.1% | 5.7% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 2.12 | 0.87 | 0 | 0 | 0 | 2.99 |

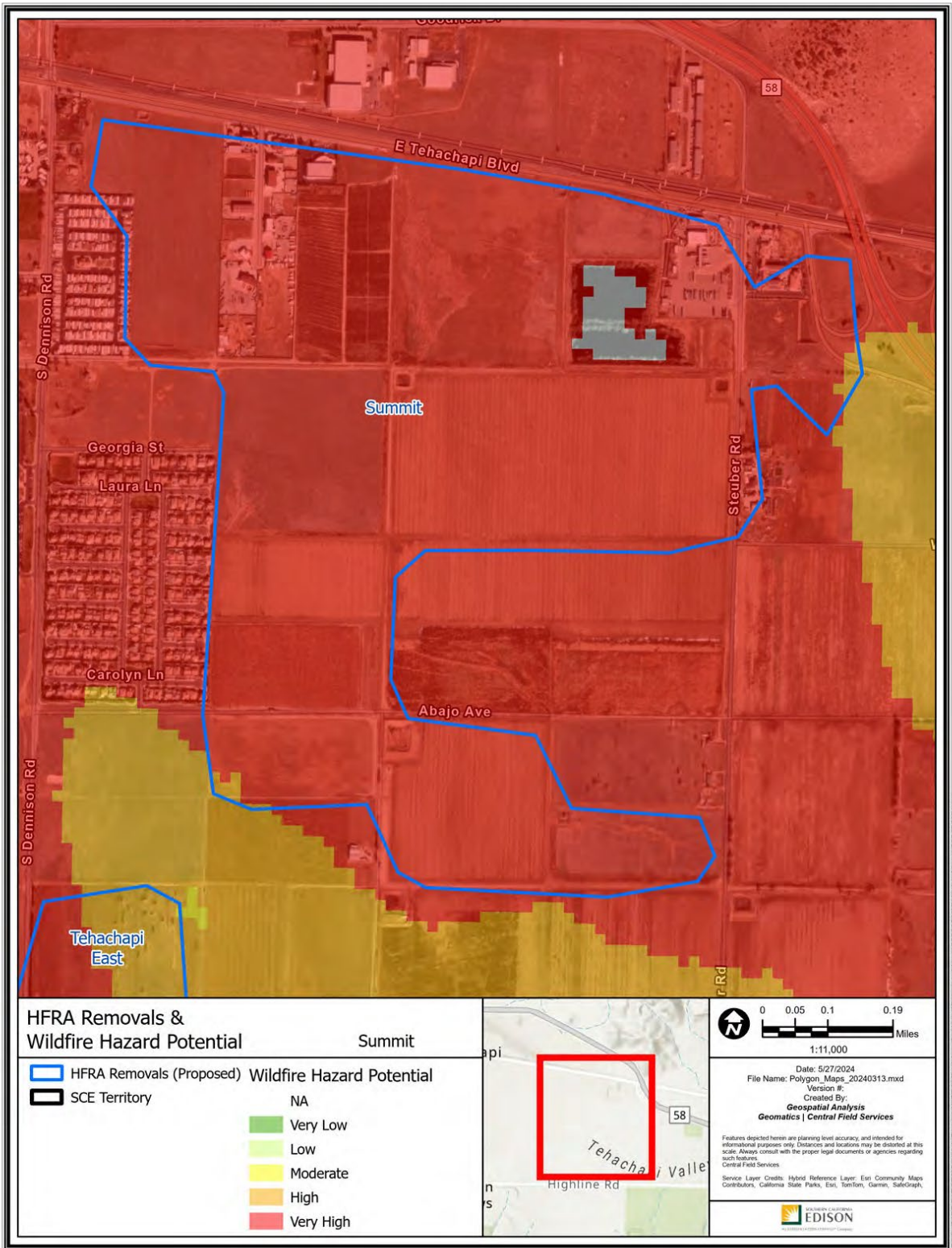
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 13 | 0.83° | 5: Very High | 67% |

This removal features some areas that met threshold levels of IWMS criteria:

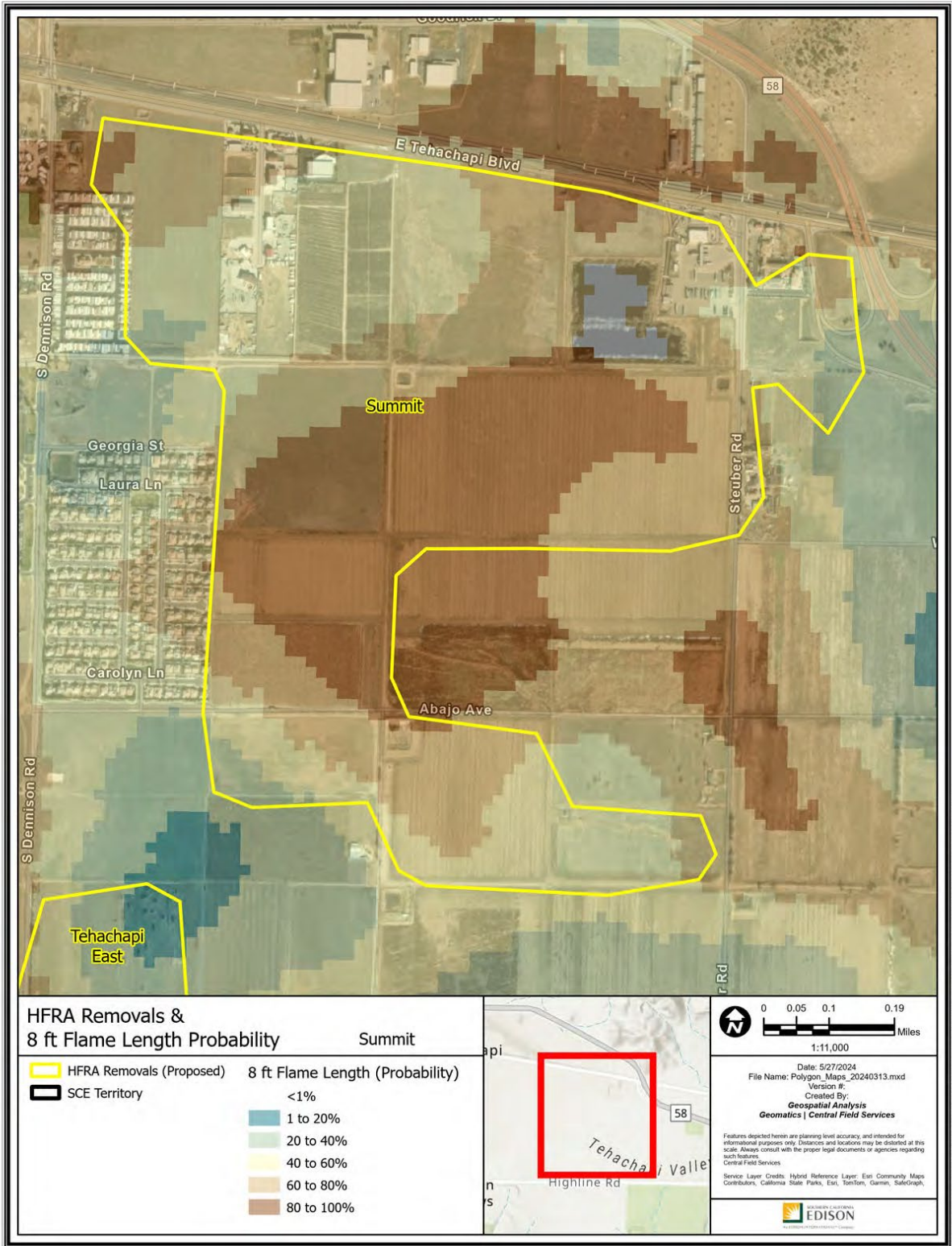
- The polygon overlaps with regions where wildfire consequence modeling indicates Severe outputs.

Recommendation:

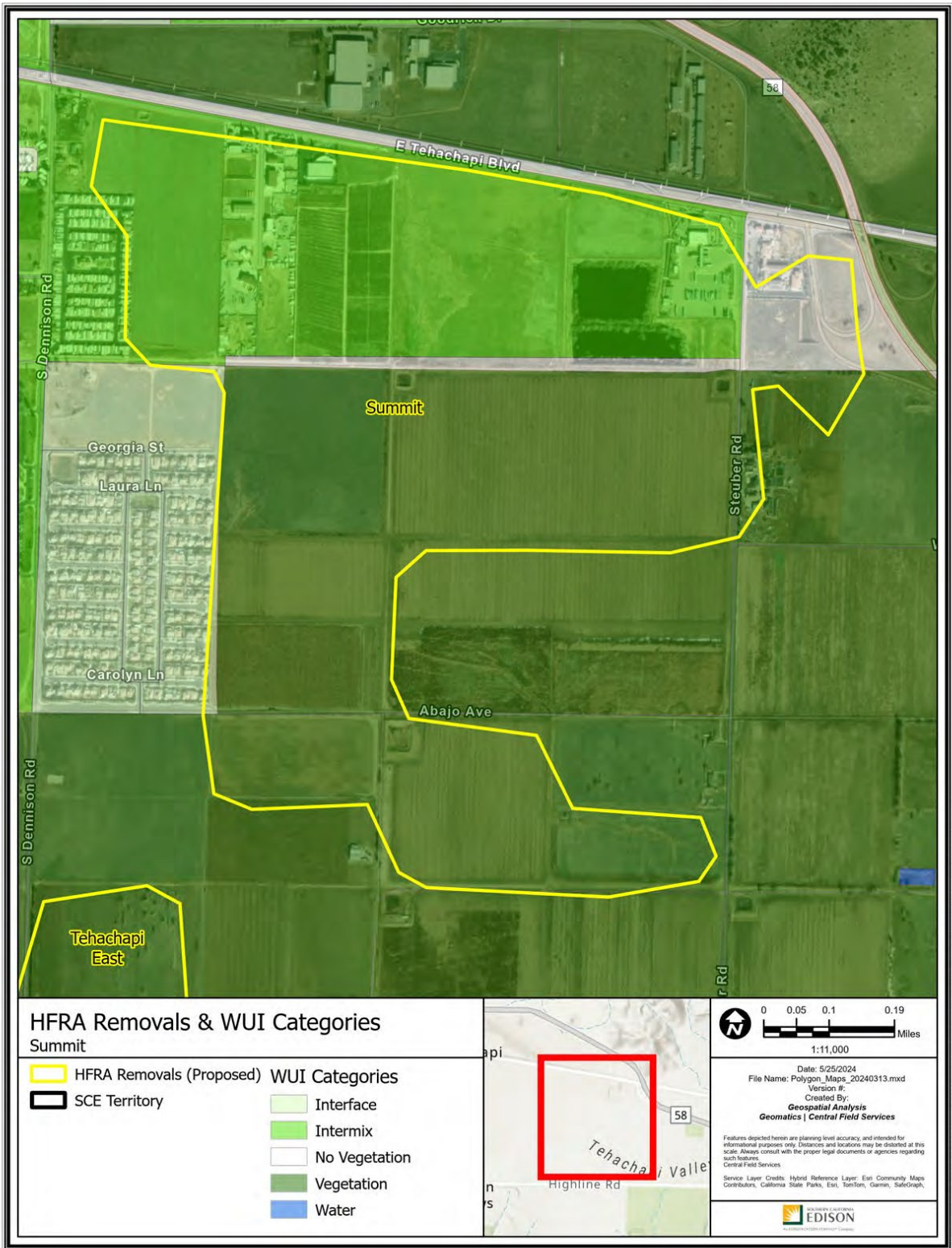
SCE proposes to remove the Summit polygon from the HFTD. The polygon is in a developed area without the presence of burnable fuels. In particular, the polygon is predominantly comprised of agricultural land, which, even when left uncultivated, would carry minimal fire fuels.



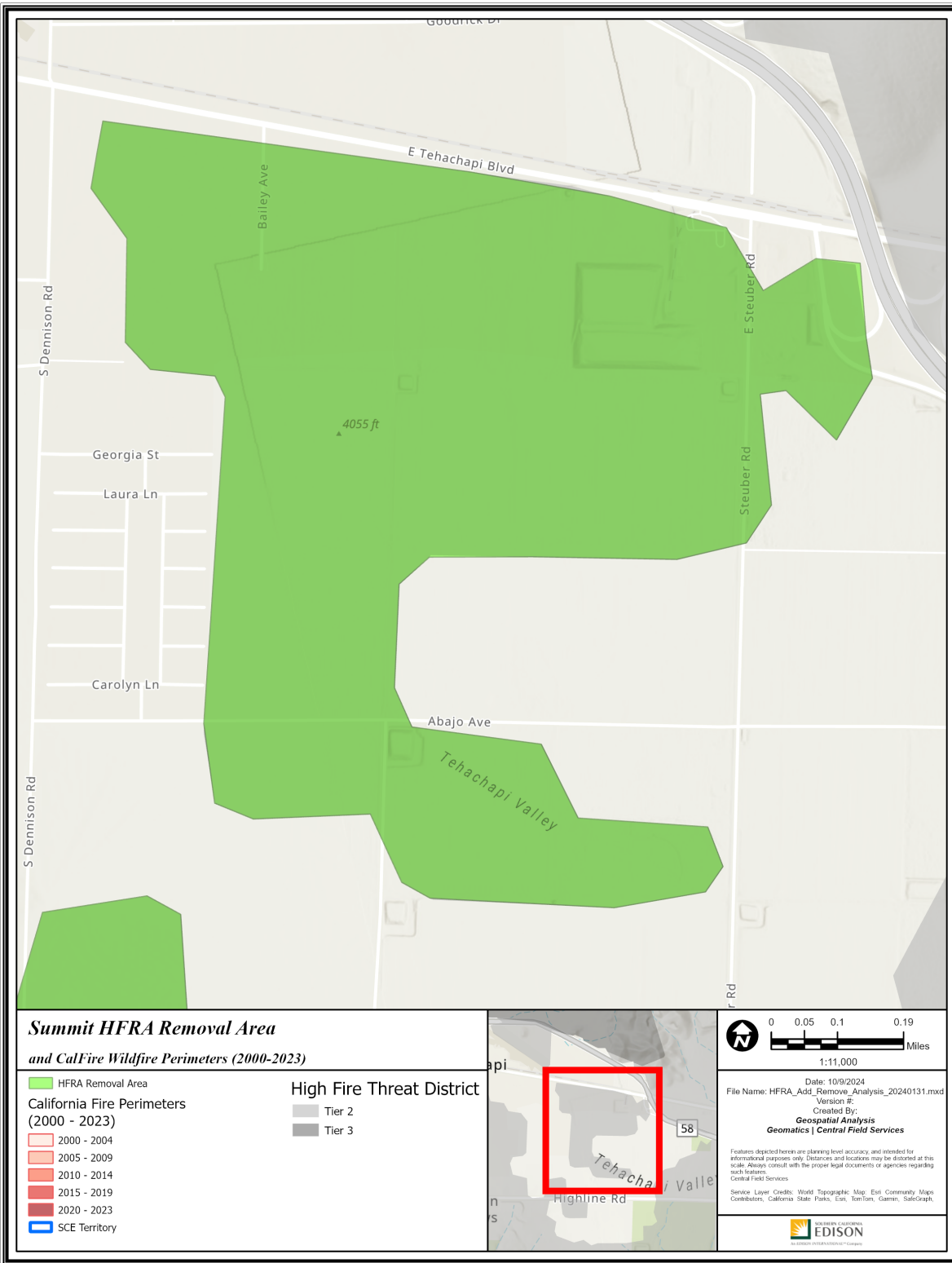
Path: P:\PROJ\GIS\Spatial_Analysis\Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



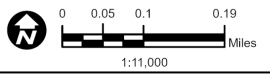
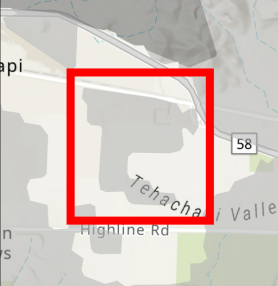
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Summit HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- HFRA Removal Area
- California Fire Perimeters (2000 - 2023)**
- 2000 - 2004
- 2005 - 2009
- 2010 - 2014
- 2015 - 2019
- 2020 - 2023
- SCE Territory

- High Fire Threat District**
- Tier 2
 - Tier 3



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Service Layer Credits: World Topographic Map, Esri Community Maps Contributors, California State Parks, Esri, TomTom, Garmin, SafeGraph.



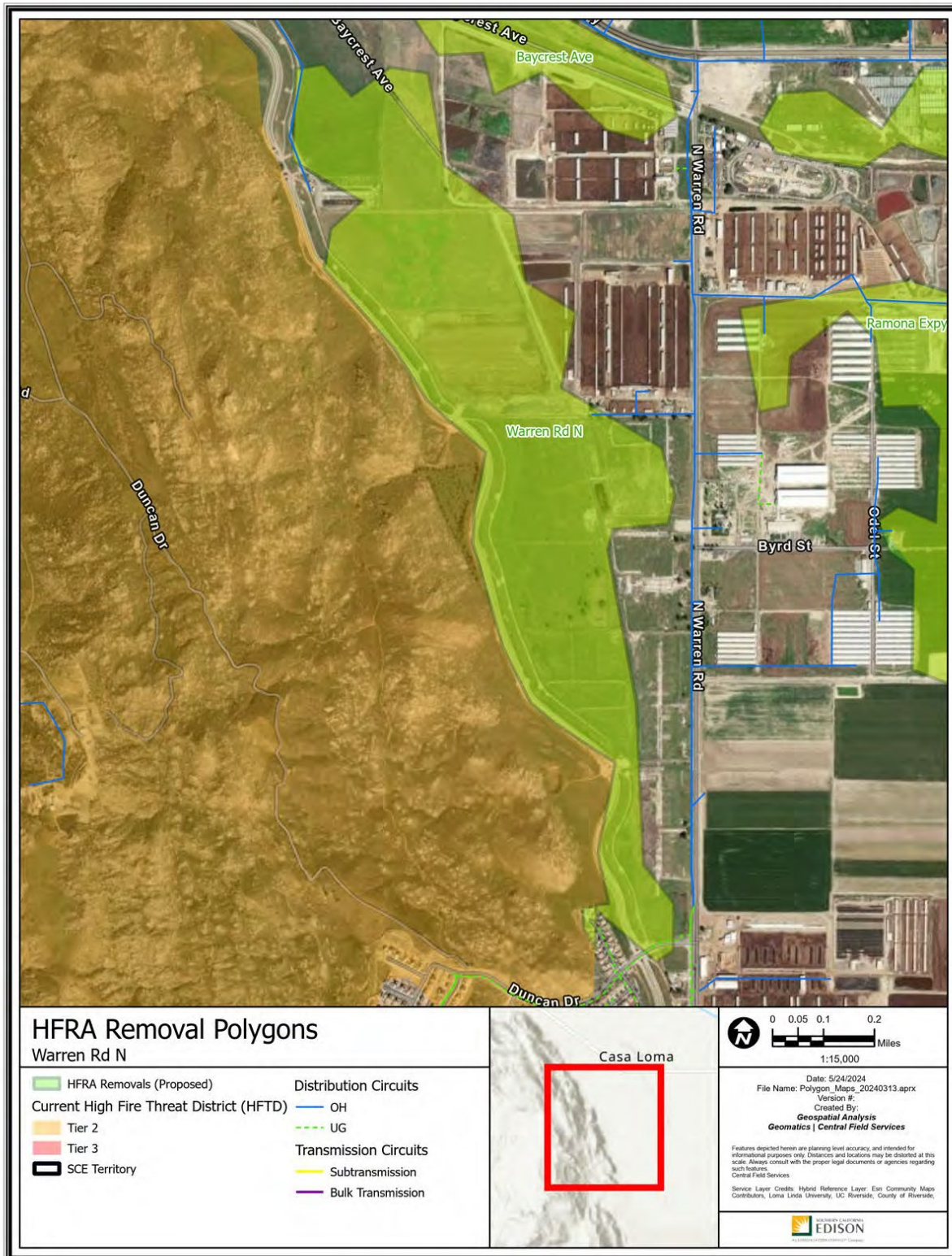
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R44 – Warren Rd N

Riverside County

-117.040282, 33.812668

277 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 87.3% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 6.7% | Moderate Load Dry Climate Grass Shrub |
| 3.5% | Low Load Dry Climate Grass |
| 2.1% | Short Sparse Dry Climate Grass |

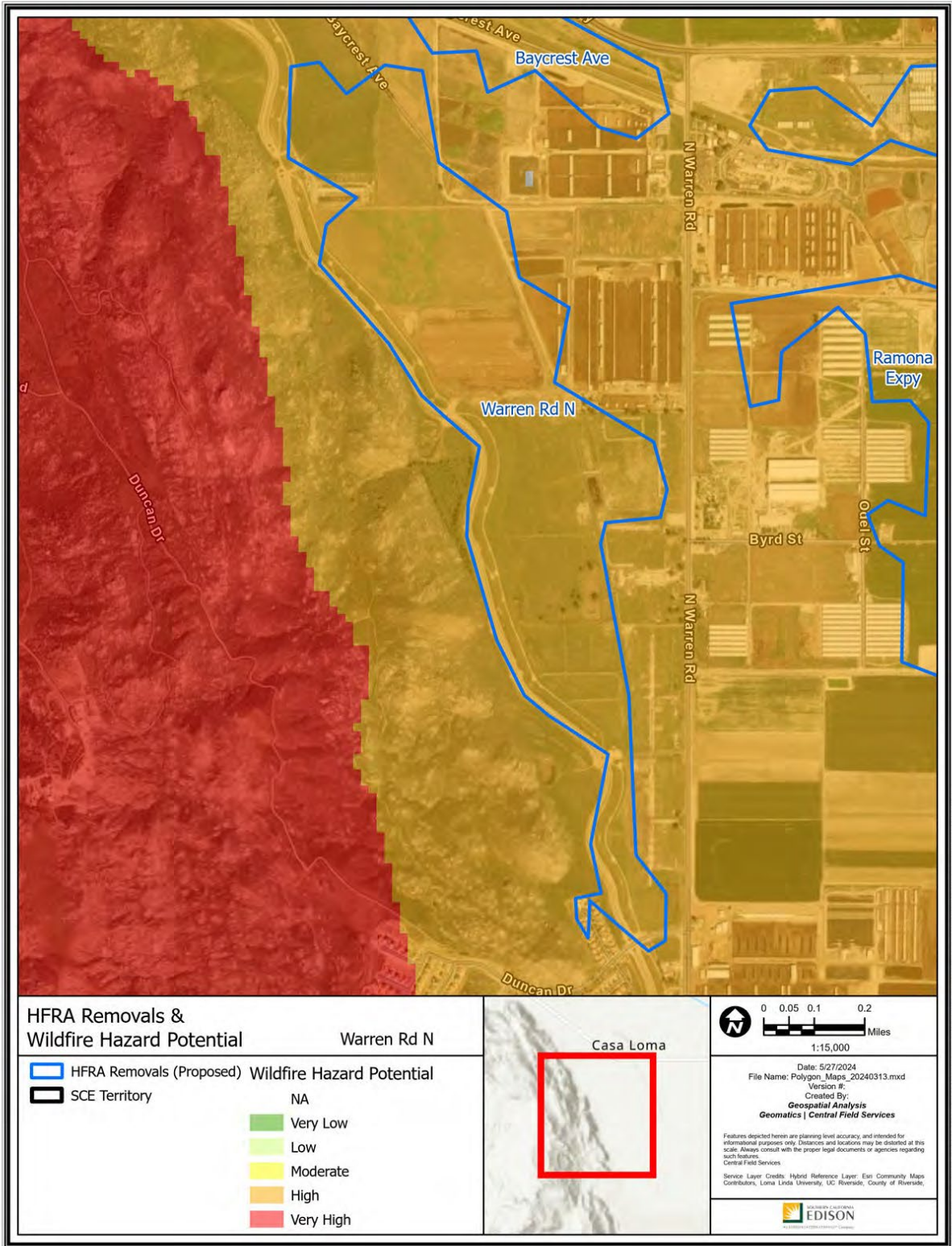
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 3.8% | 0.2% | 0.0% | 96.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.21 | 0.06 | 0 | 0 | 0 | 0.27 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 7 | 1.18° | 4: High | 3% |

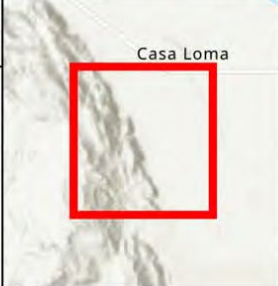
Recommendation:

SCE proposes to remove the Warren Rd N polygon from the HFTD. This recommendation is intended to exclude agricultural fields that, even if left fallow, would not contribute significant fuel. The wash serves as a natural firebreak.



HFRA Removals & Wildfire Hazard Potential

| | |
|--------------------------|----------------------------------|
| HFRA Removals (Proposed) | Warren Rd N |
| SCE Territory | |
| | Wildfire Hazard Potential |
| | NA |
| | Very Low |
| | Low |
| | Moderate |
| | High |
| | Very High |



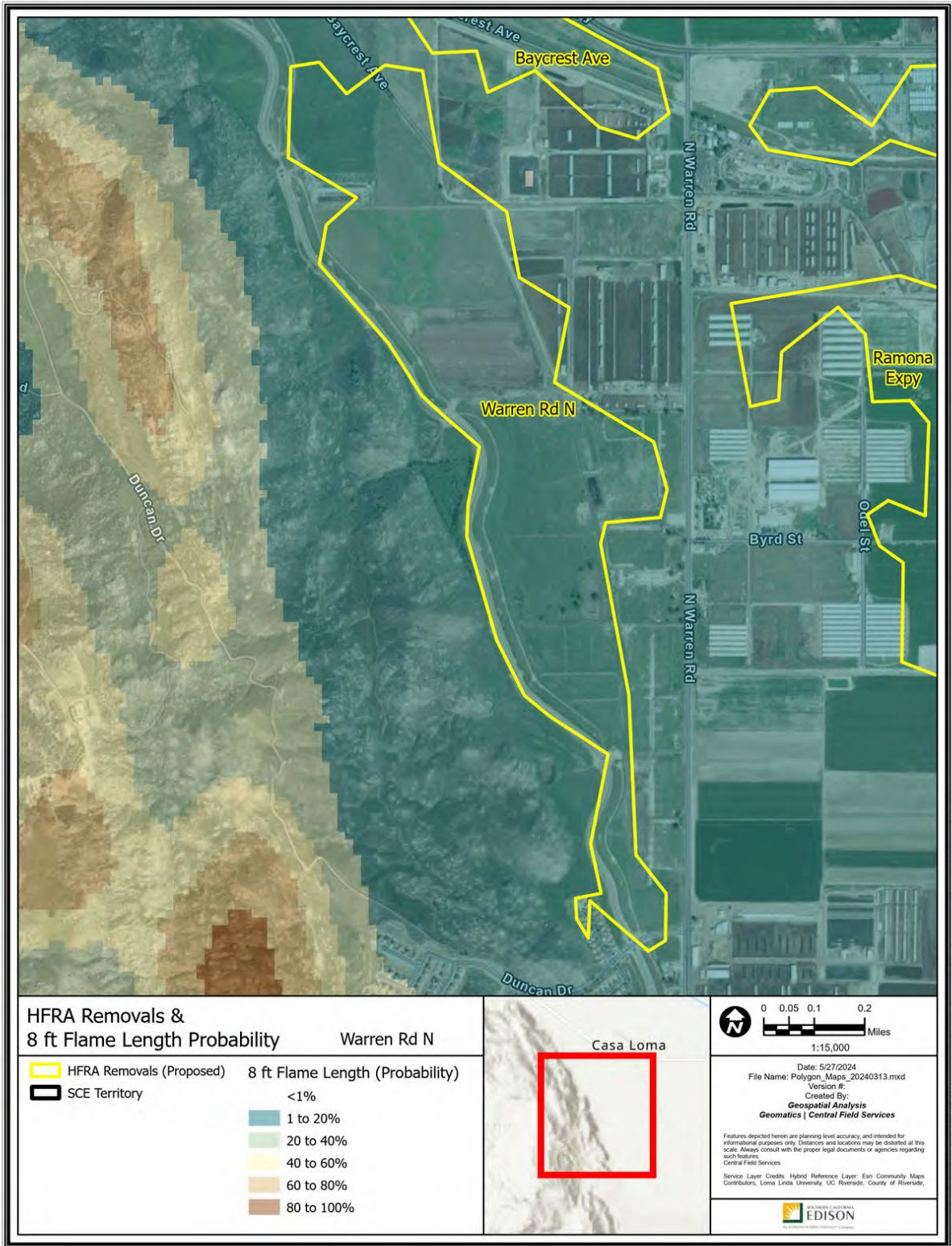
0 0.05 0.1 0.2 Miles
 1:15,000

Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #: _____
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

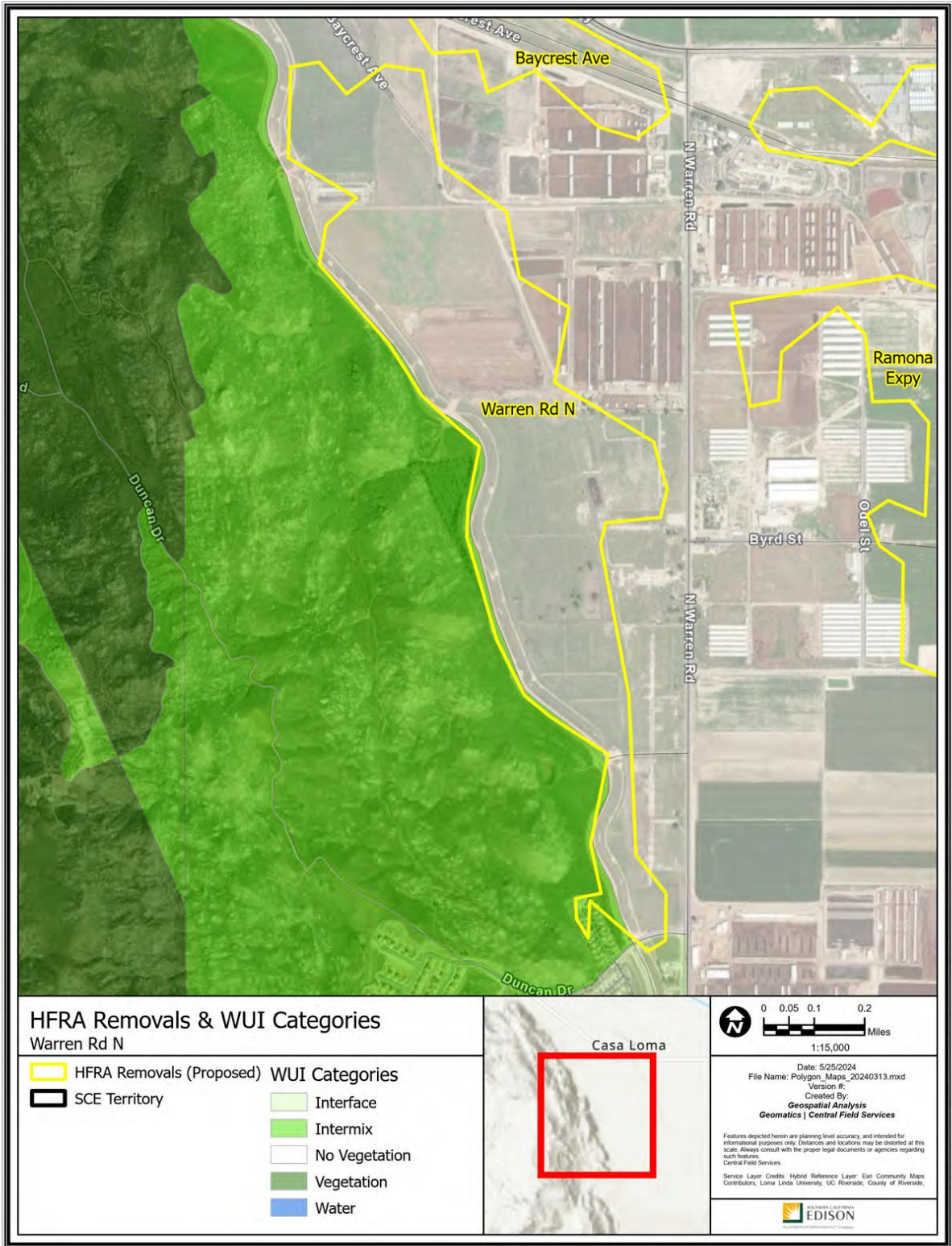
Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, Loma Linda University, UC Riverside, County of Riverside,

Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

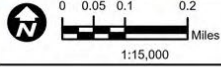


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Warren Rd N

- | | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



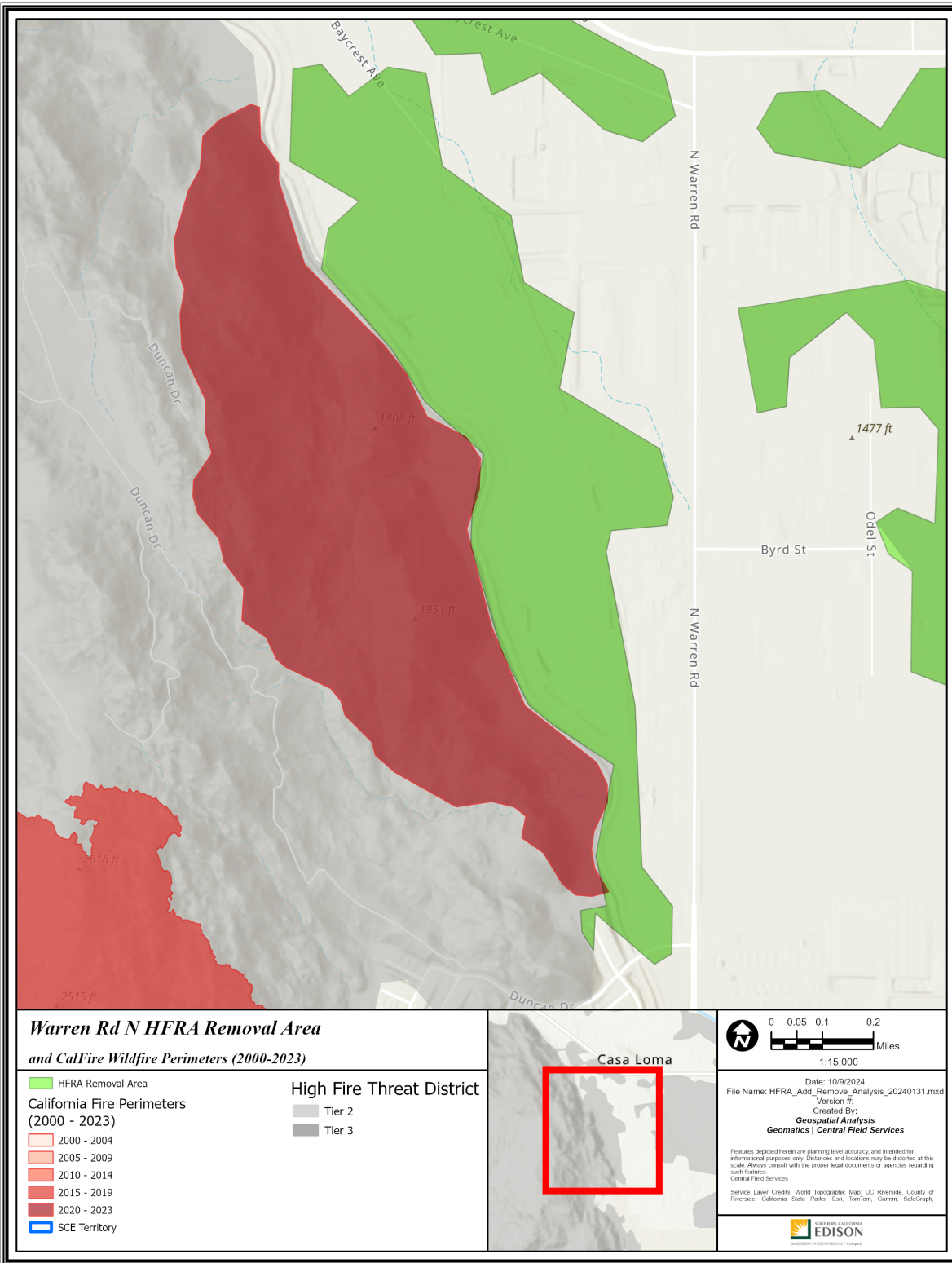
Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, Loma Linda University, UC Riverside, County of Riverside, Central Field Services

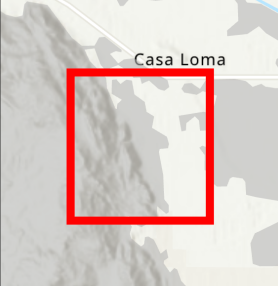


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Warren Rd N HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---|---|
| ■ HFRA Removal Area | ■ High Fire Threat District |
| California Fire Perimeters (2000 - 2023) | ■ Tier 2 |
| ■ 2000 - 2004 | ■ Tier 3 |
| ■ 2005 - 2009 | |
| ■ 2010 - 2014 | |
| ■ 2015 - 2019 | |
| ■ 2020 - 2023 | |
| ■ SCE Territory | |



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map; UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.

EDISON
AN ELECTRIC UTILITY COMPANY

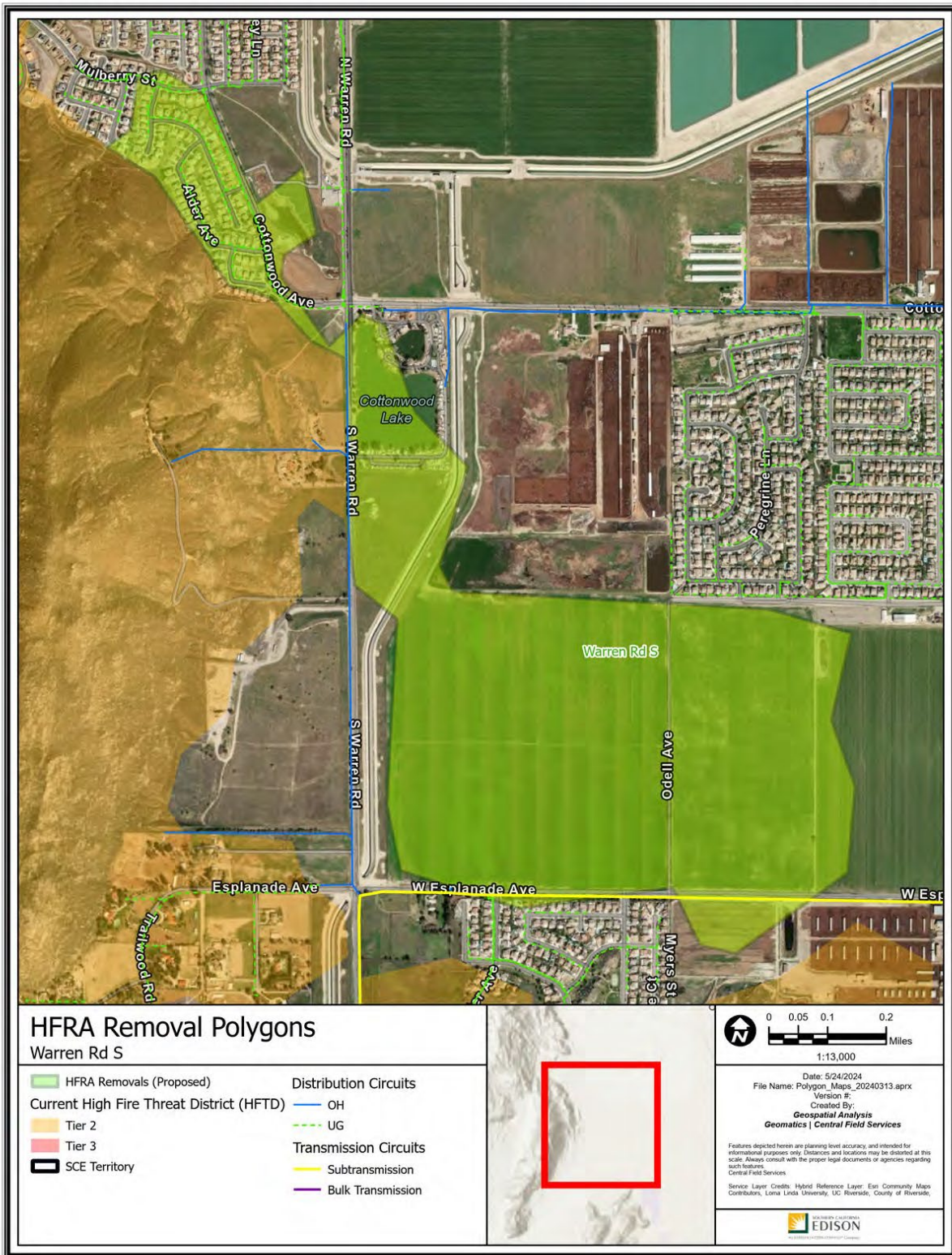
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R45 – Warren Rd S

Riverside County

-117.02785, 33.778849

341 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 71.6% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 12.6% | Moderate Load Dry Climate Grass Shrub |
| 5.7% | Low Load Dry Climate Grass |
| 2.4% | Water Bodies |

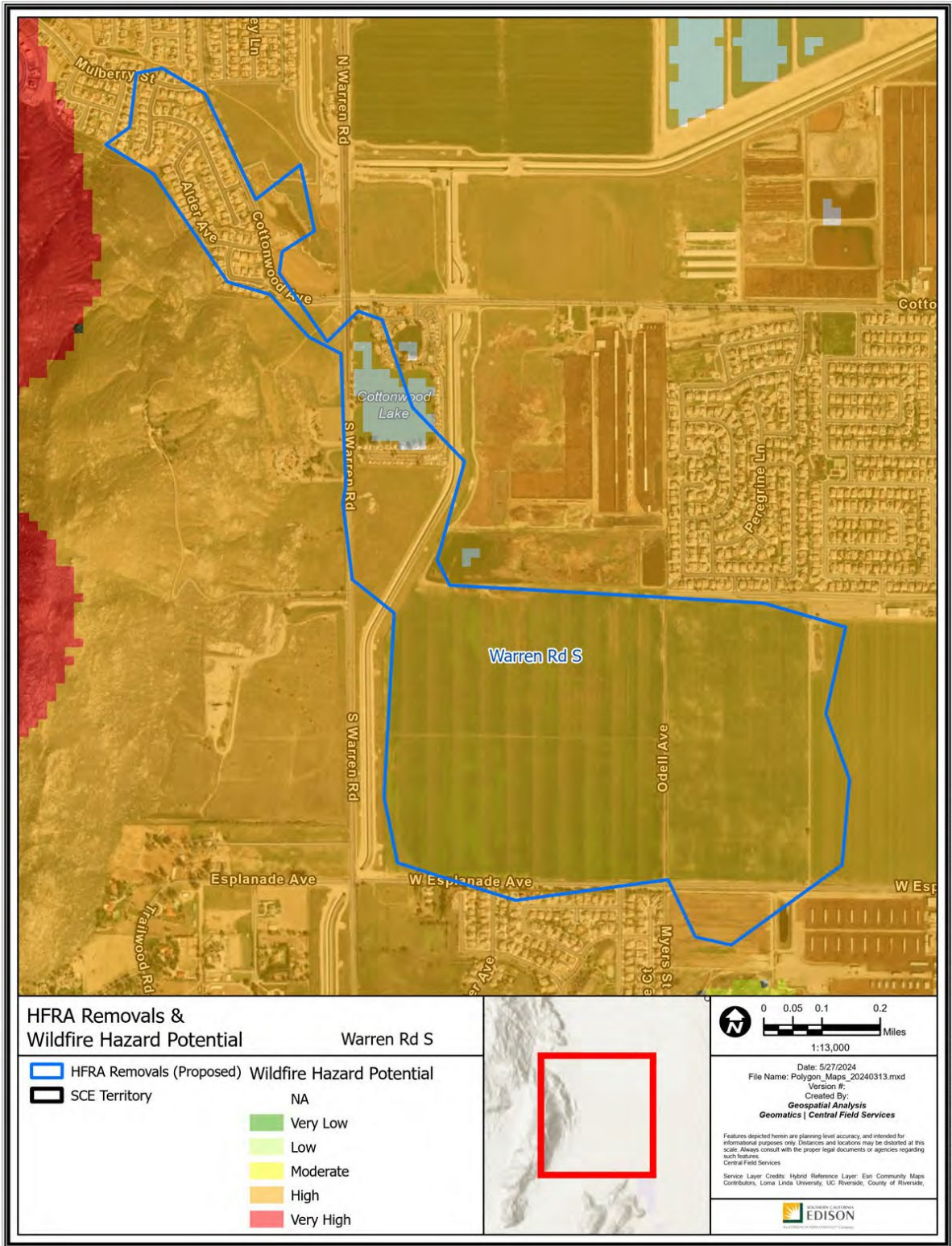
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 5.8% | 15.1% | 0.0% | 75.9% | 3.2% | 100% |

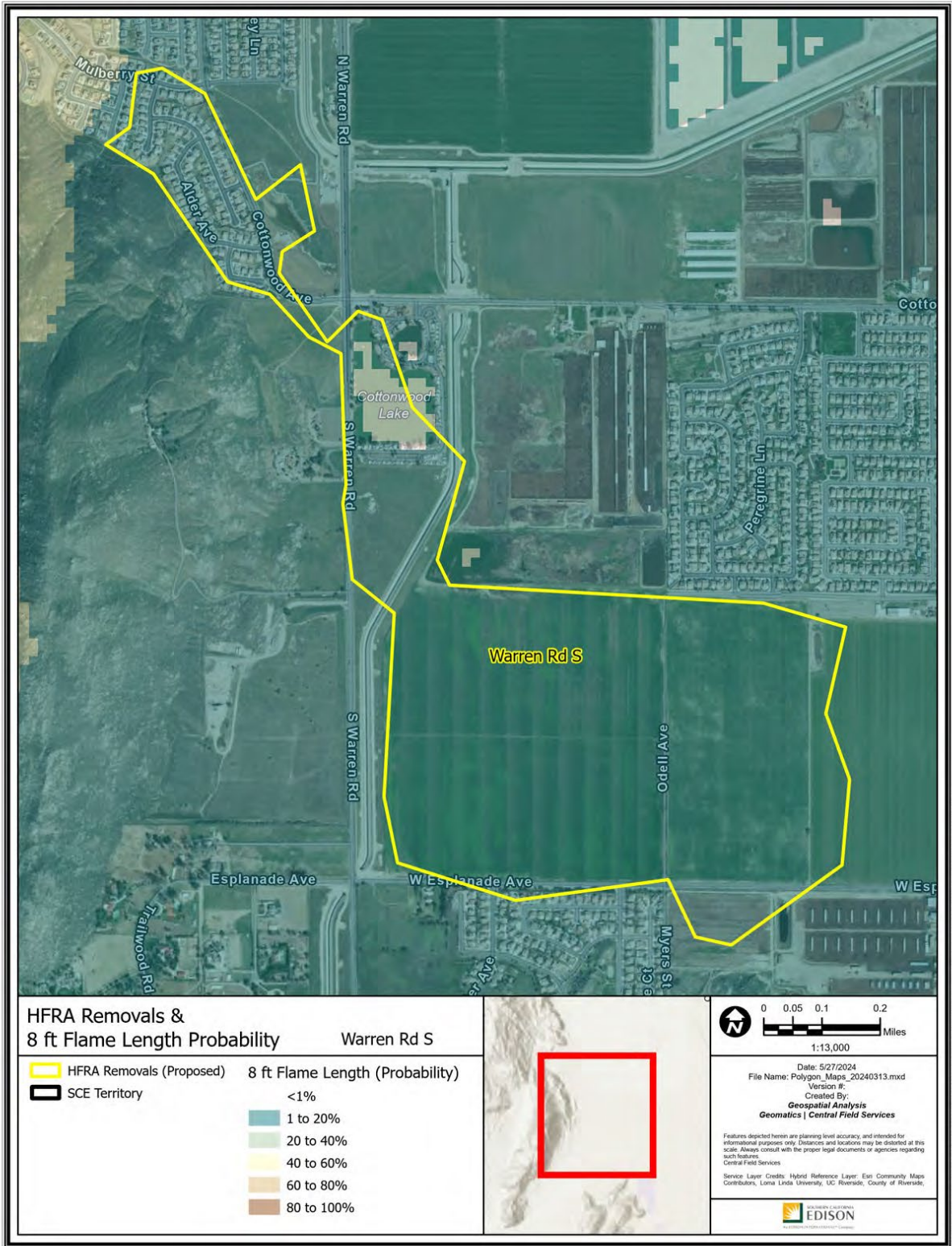
| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.81 | 1.72 | 0.89 | 0 | 0 | 3.42 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 125 | 0.52° | 4: High | 5% |

Recommendation:

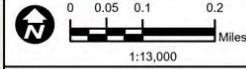
SCE proposes to remove the Warren Rd S polygon from the HFTD. This would exclude a large agricultural field that even if left fallow, would not contribute significant fuels. SCE's proposed updated HFTD boundary also removes a small water basin and urbanized area from the HFTD.





HFRA Removals & 8 ft Flame Length Probability Warren Rd S

| | |
|--------------------------|---------------------------------|
| HFRA Removals (Proposed) | 8 ft Flame Length (Probability) |
| SCE Territory | <1% |
| | 1 to 20% |
| | 20 to 40% |
| | 40 to 60% |
| | 60 to 80% |
| | 80 to 100% |



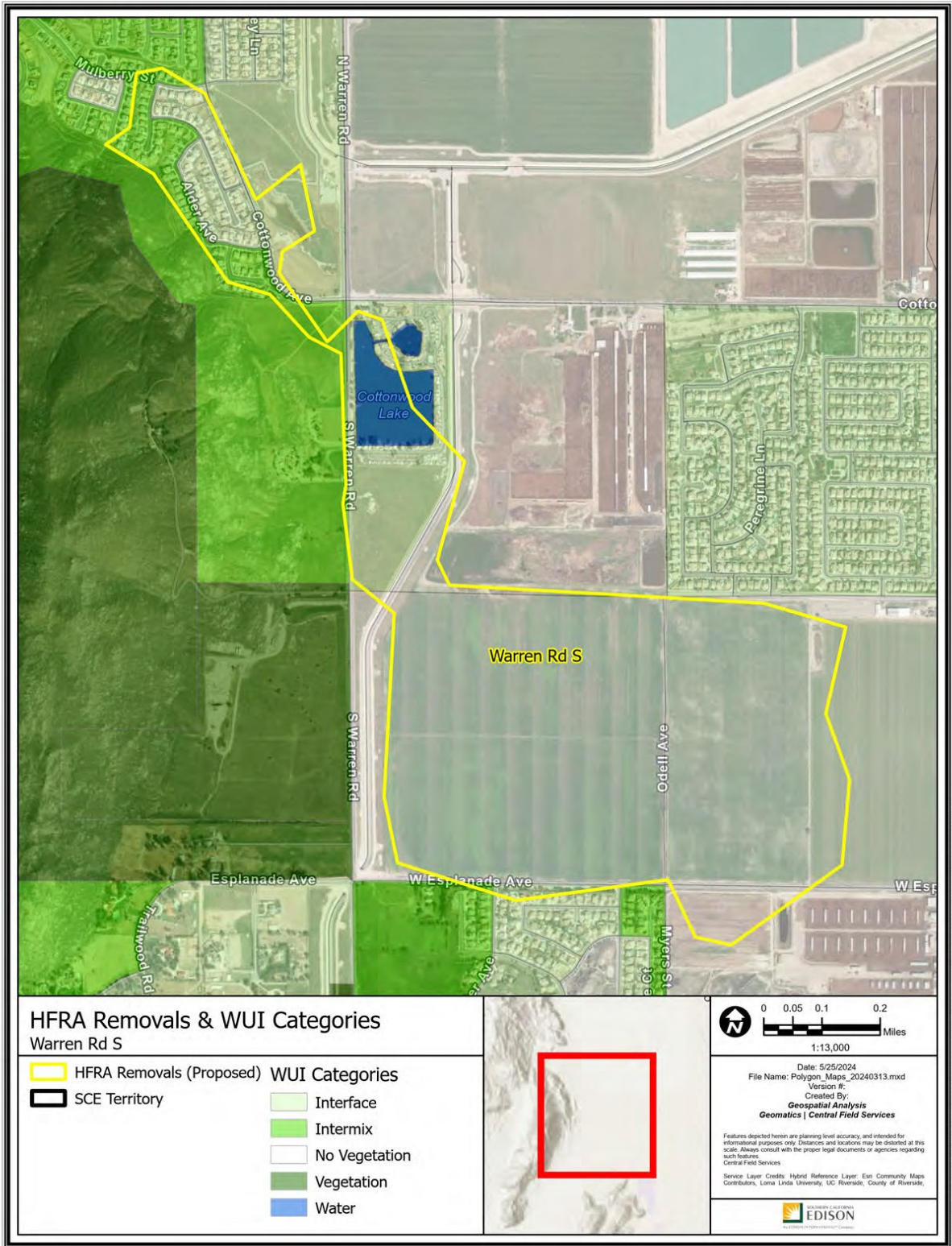
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, Loma Linda University, UC Riverside, County of Riverside,

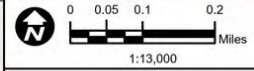


Path: P:\PROJECTS\Spatial_Programs\HFRA_Revision_Analysis\Polygon_Maps_20240313.mxd



HFRA Removals & WUI Categories
Warren Rd S

- HFRA Removals (Proposed) WUI Categories
- SCE Territory
- Interface
- Intermix
- No Vegetation
- Vegetation
- Water



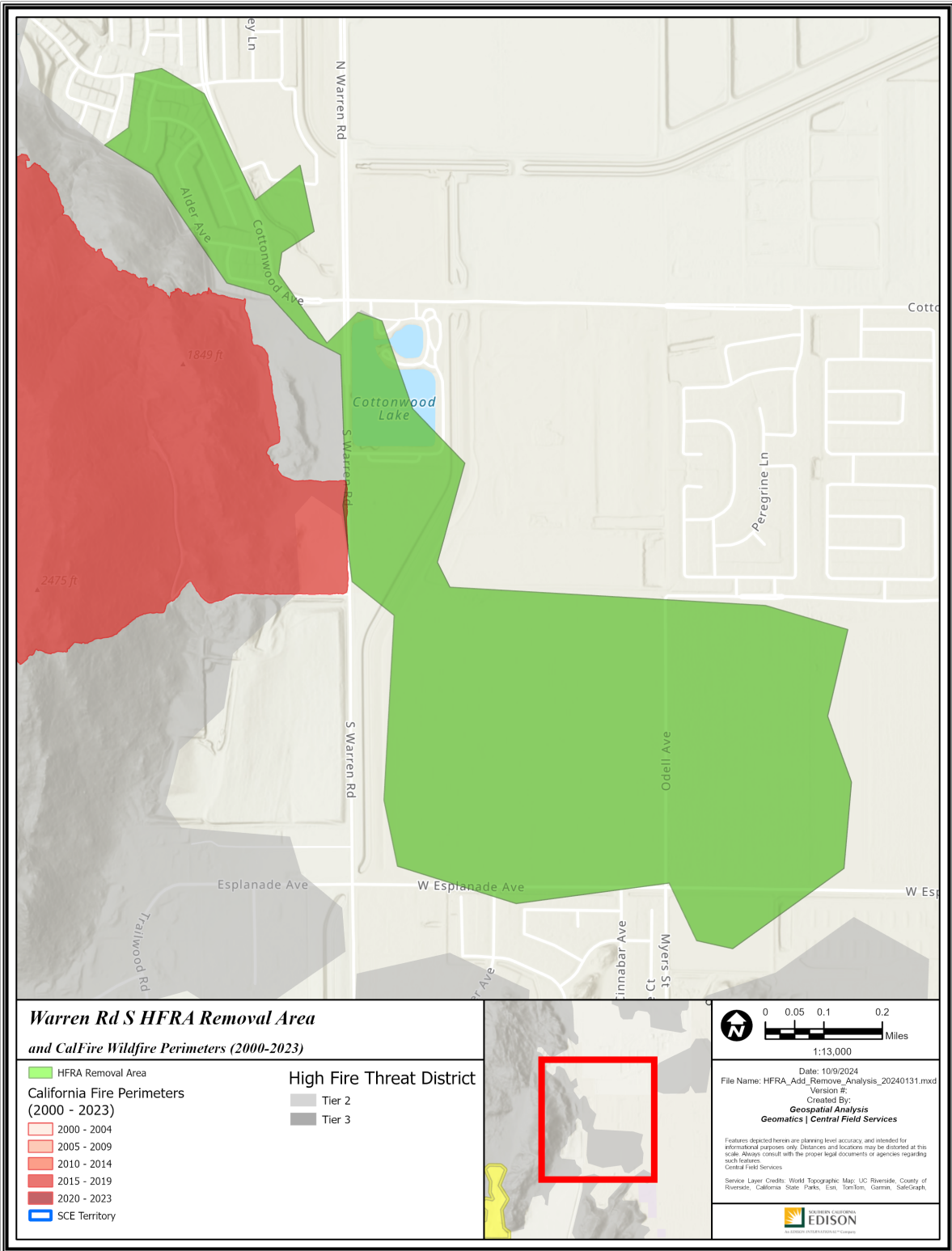
Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #: 1
Created By: Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

Service Layer Credits: Hybrid Reference Layer, Esri Community Maps Contributors, Loma Linda University, UC Riverside, County of Riverside.

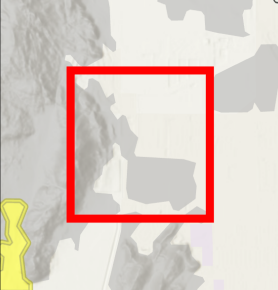



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Warren Rd S HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- HFRA Removal Area
 - California Fire Perimeters (2000 - 2023)**
 - 2000 - 2004
 - 2005 - 2009
 - 2010 - 2014
 - 2015 - 2019
 - 2020 - 2023
 - SCE Territory
- High Fire Threat District**
 - Tier 2
 - Tier 3





0 0.05 0.1 0.2 Miles
1:13,000

Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map; UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.



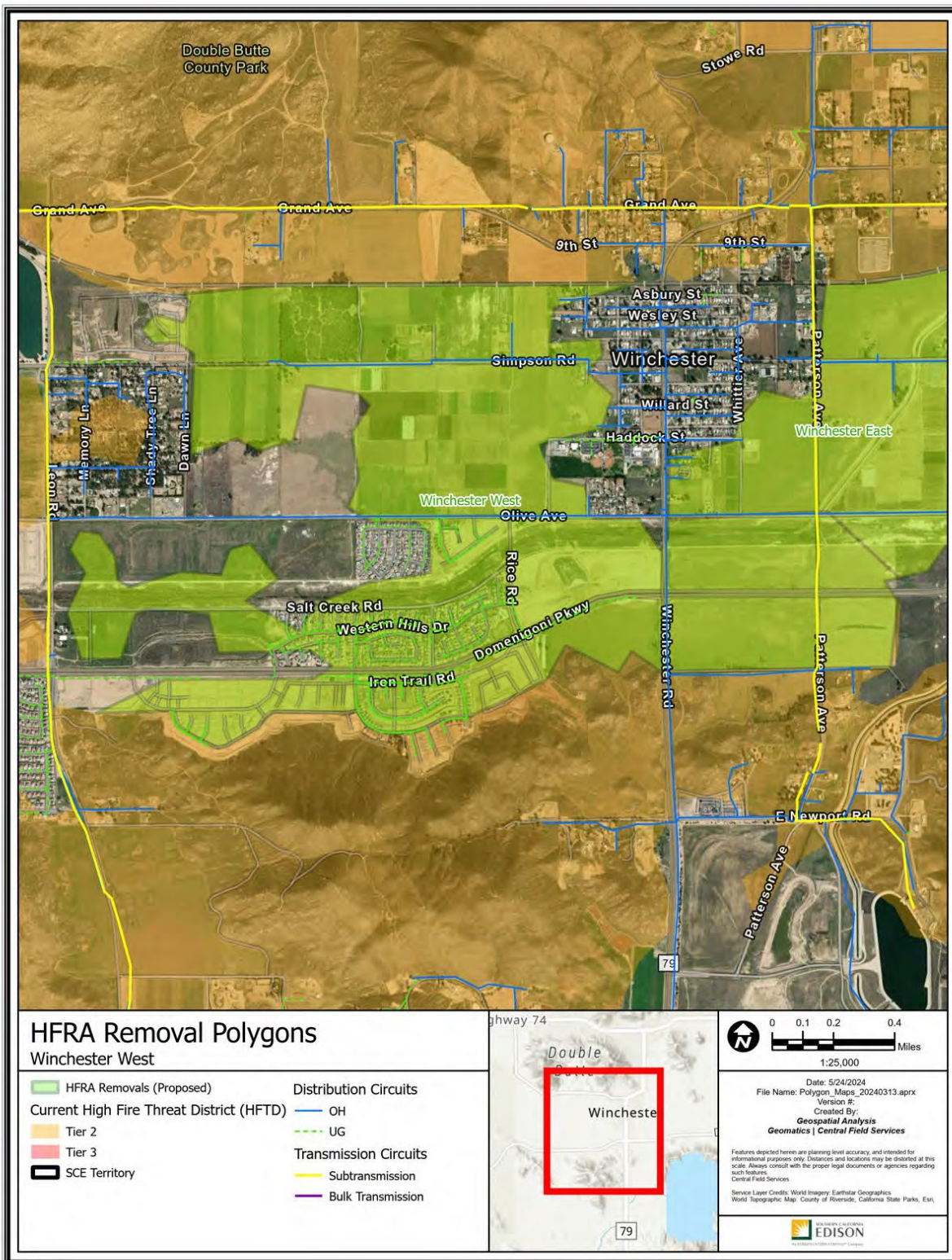
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R46 – Winchester West

Riverside County

-117.095934, 33.699559

1,291 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 80.5% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 8.0% | Moderate Load Dry Climate Grass Shrub |
| 4.6% | Low Load Dry Climate Grass |
| 2.5% | Short Sparse Dry Climate Grass |

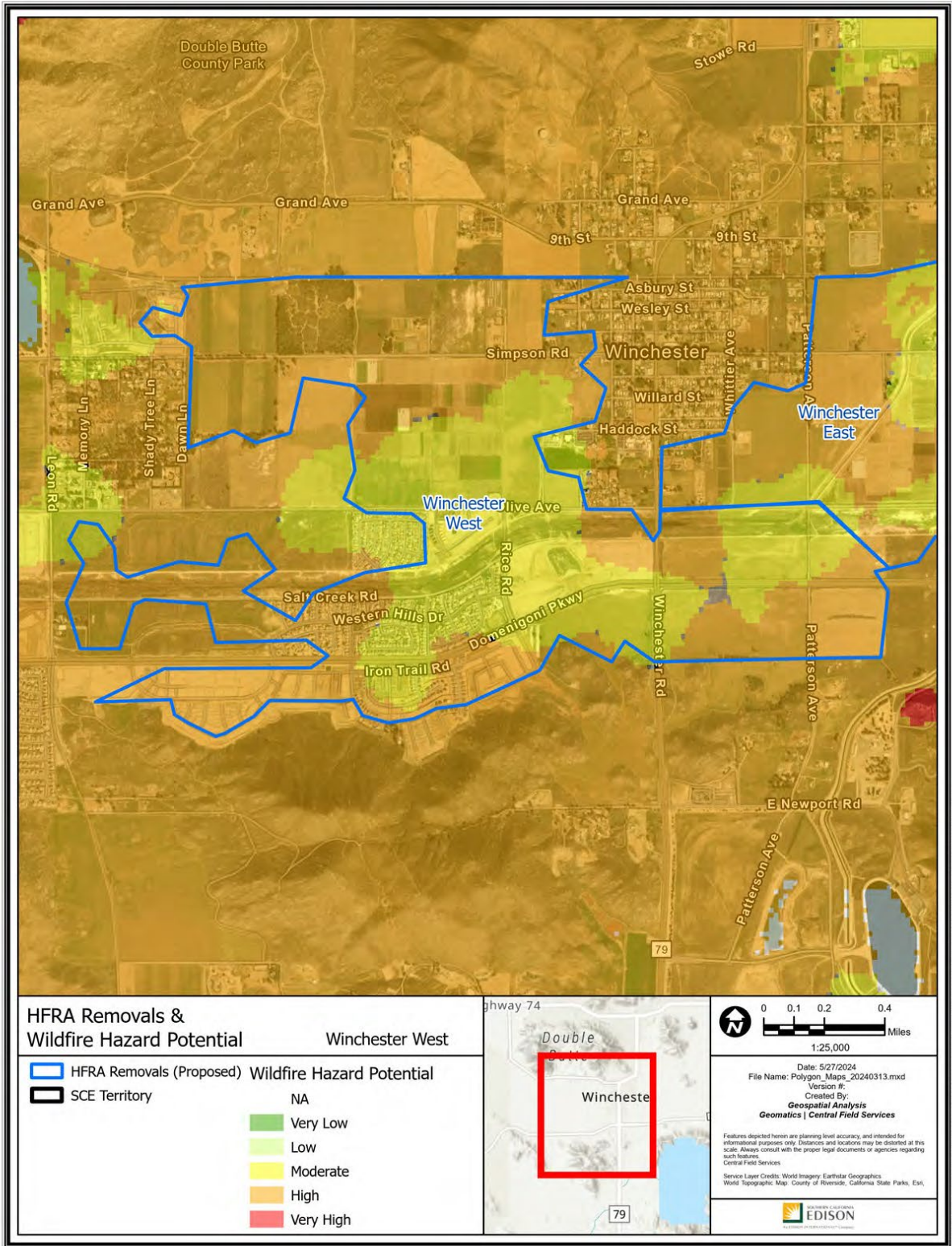
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 58.3% | 14.8% | 26.9% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 3.07 | 6.5 | 0.52 | 0 | 0 | 10.09 |

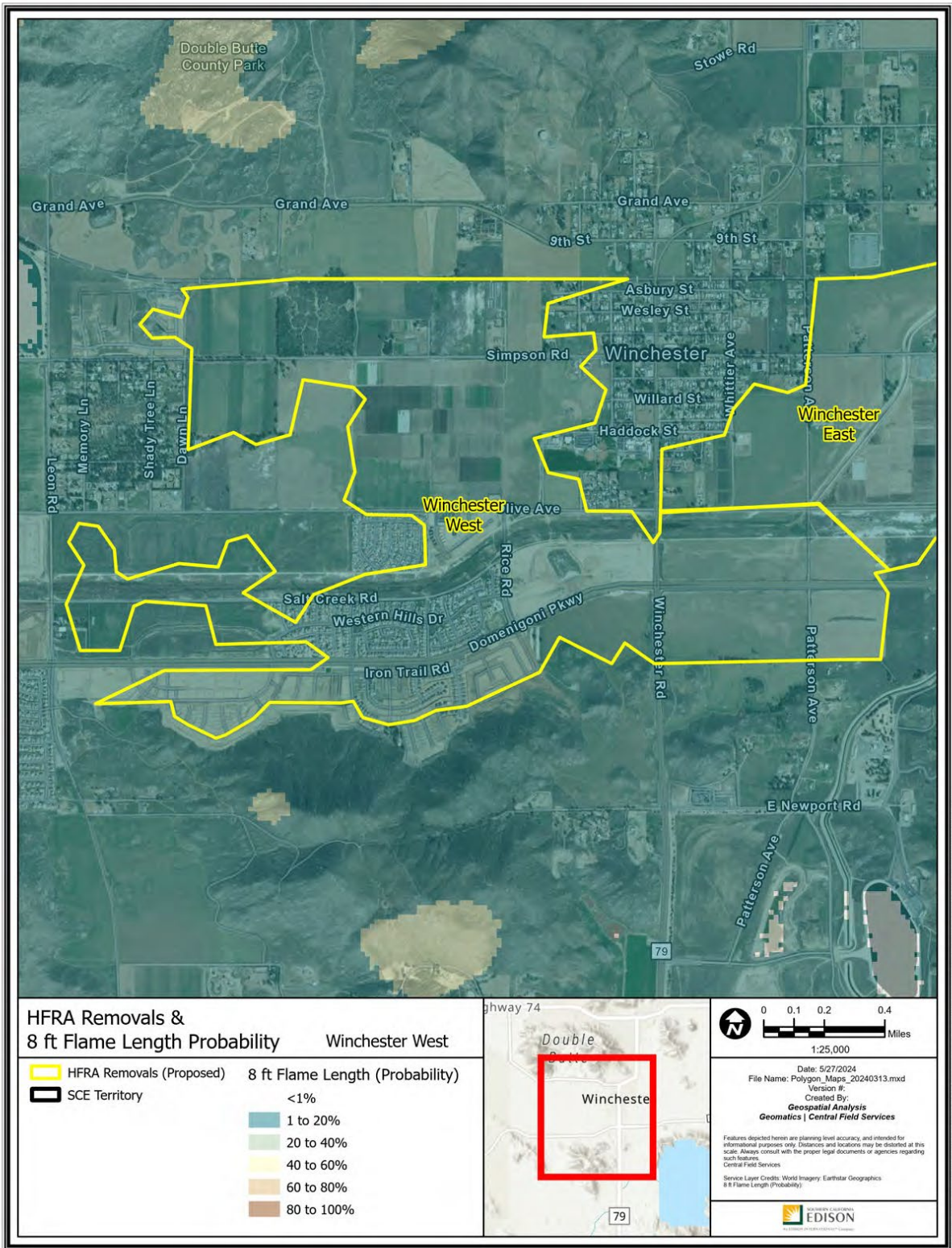
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 570 | 0.53° | 4: High | 4% |

Recommendation:

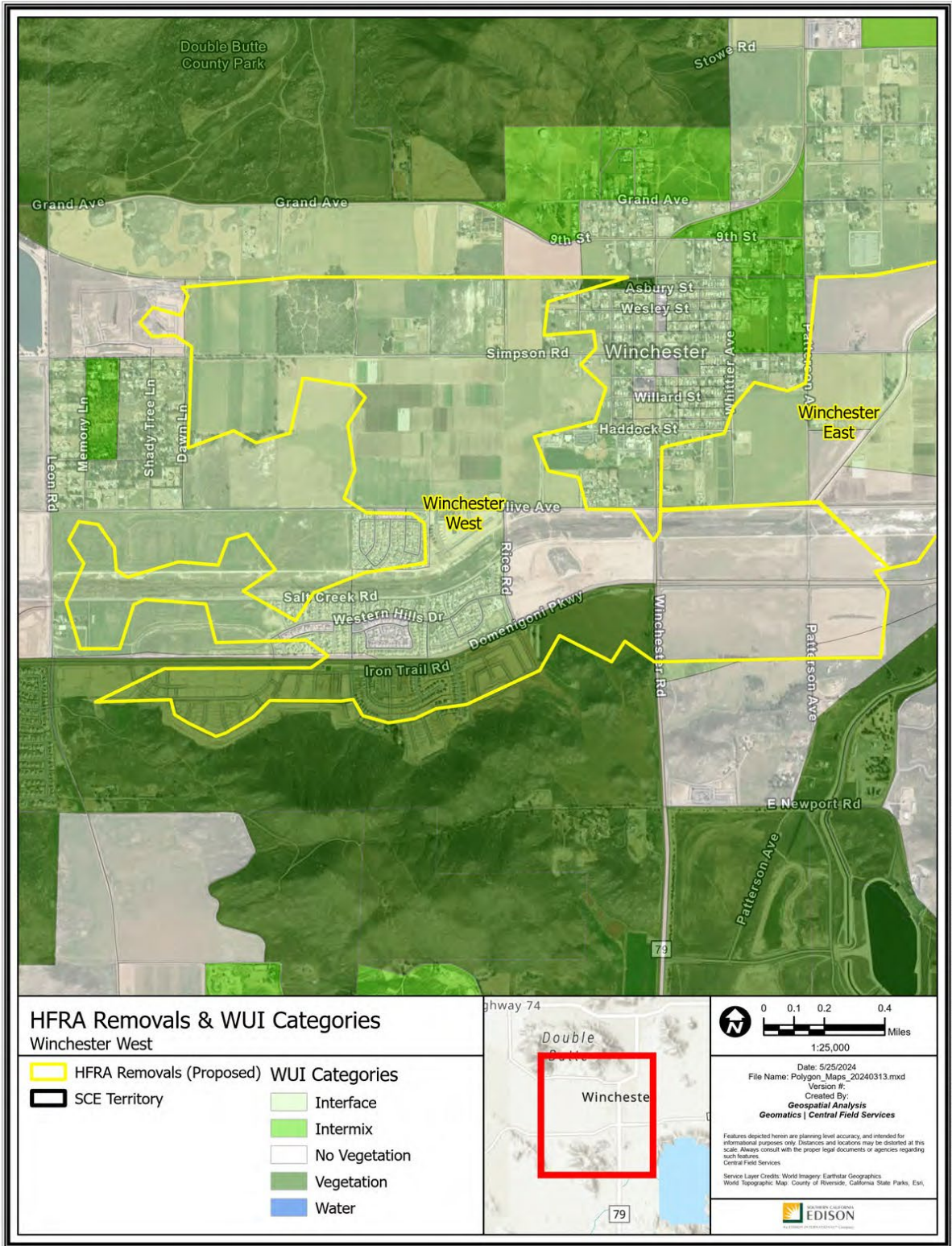
SCE proposes to remove the Winchester West polygon from the HFTD. This proposed removal would exclude agricultural fields that, even if left fallow, would not provide significant fuel. Additionally, it would remove areas that have been urbanized or are currently under development.



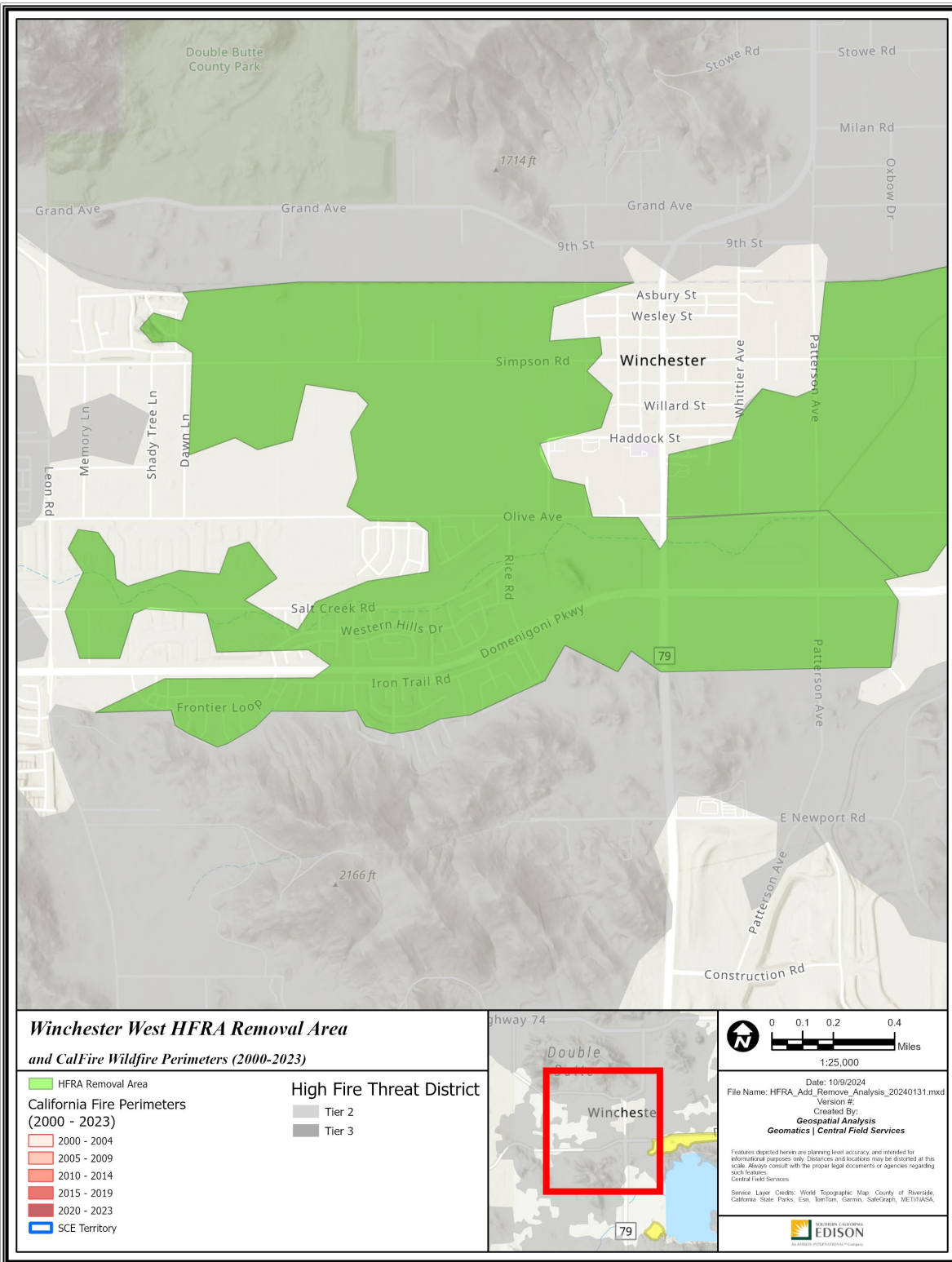
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



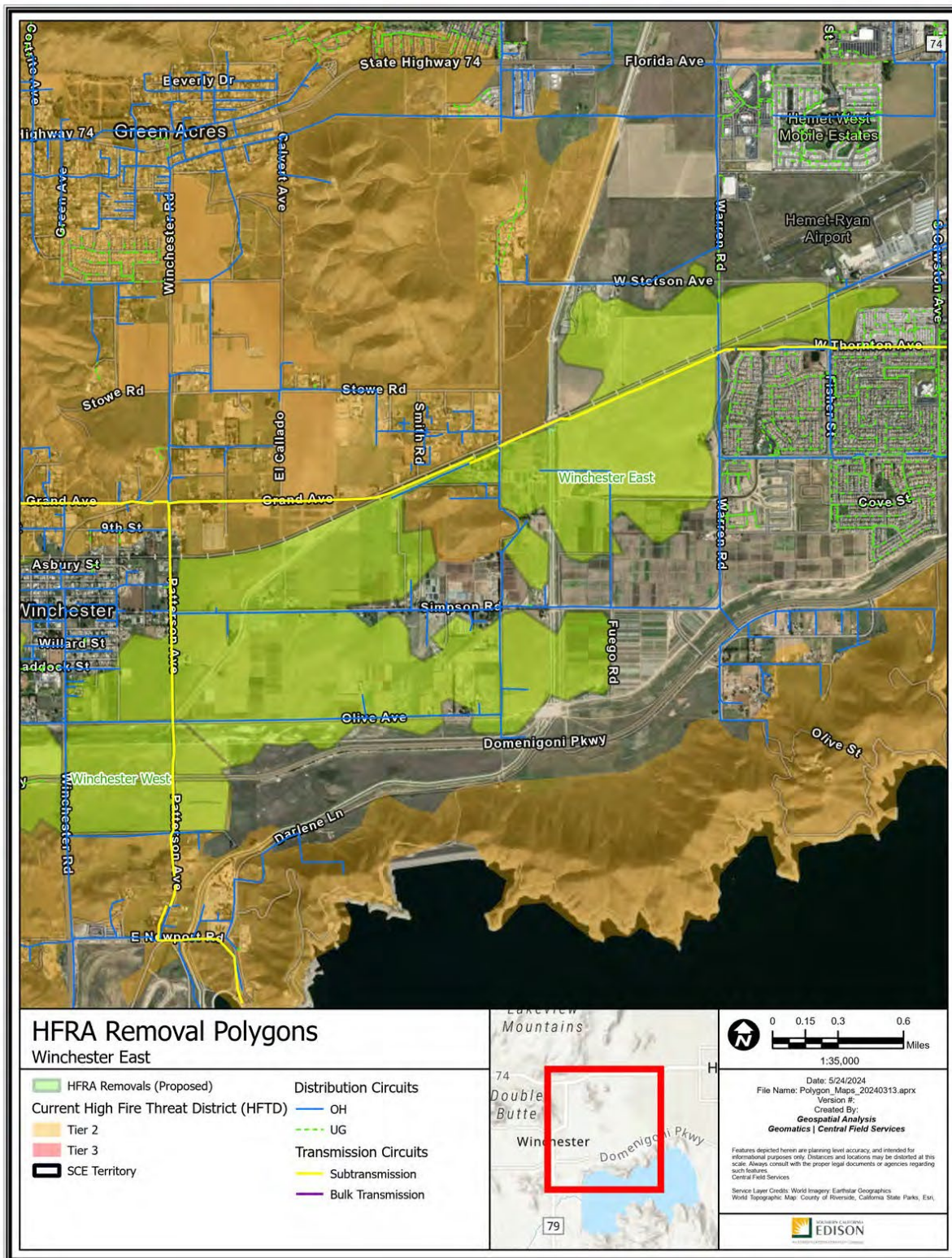
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R47 – Winchester East

Riverside County

-117.053191, 33.711336

1,720 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 89.9% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 4.4% | Moderate Load Dry Climate Grass Shrub |
| 3.2% | Low Load Dry Climate Grass |
| 1.2% | Minor Roads Surrounded by Low Fire Behavior Fuel |

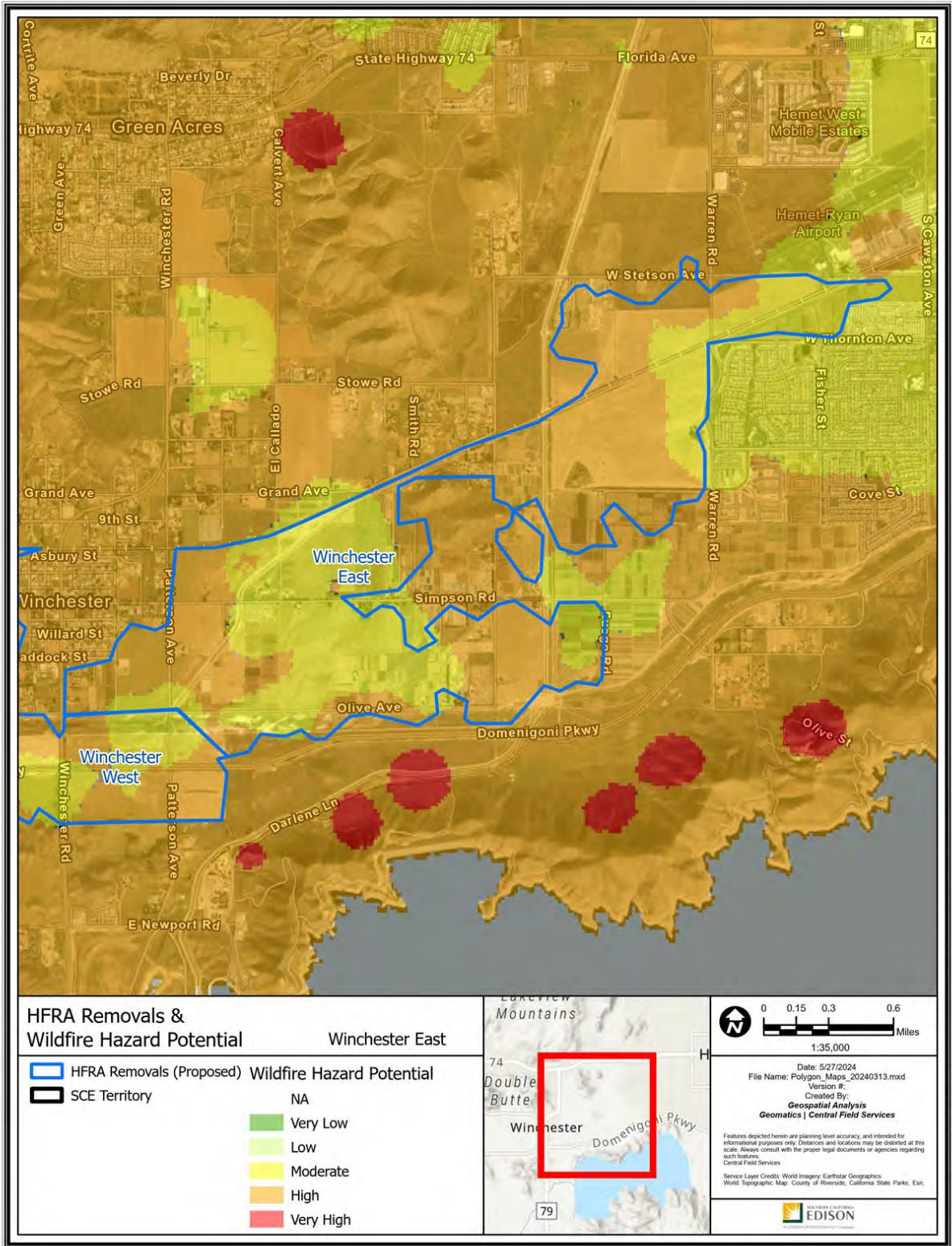
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 41.7% | 0.3% | 58.0% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 8.44 | 0.07 | 2.11 | 0 | 0 | 10.62 |

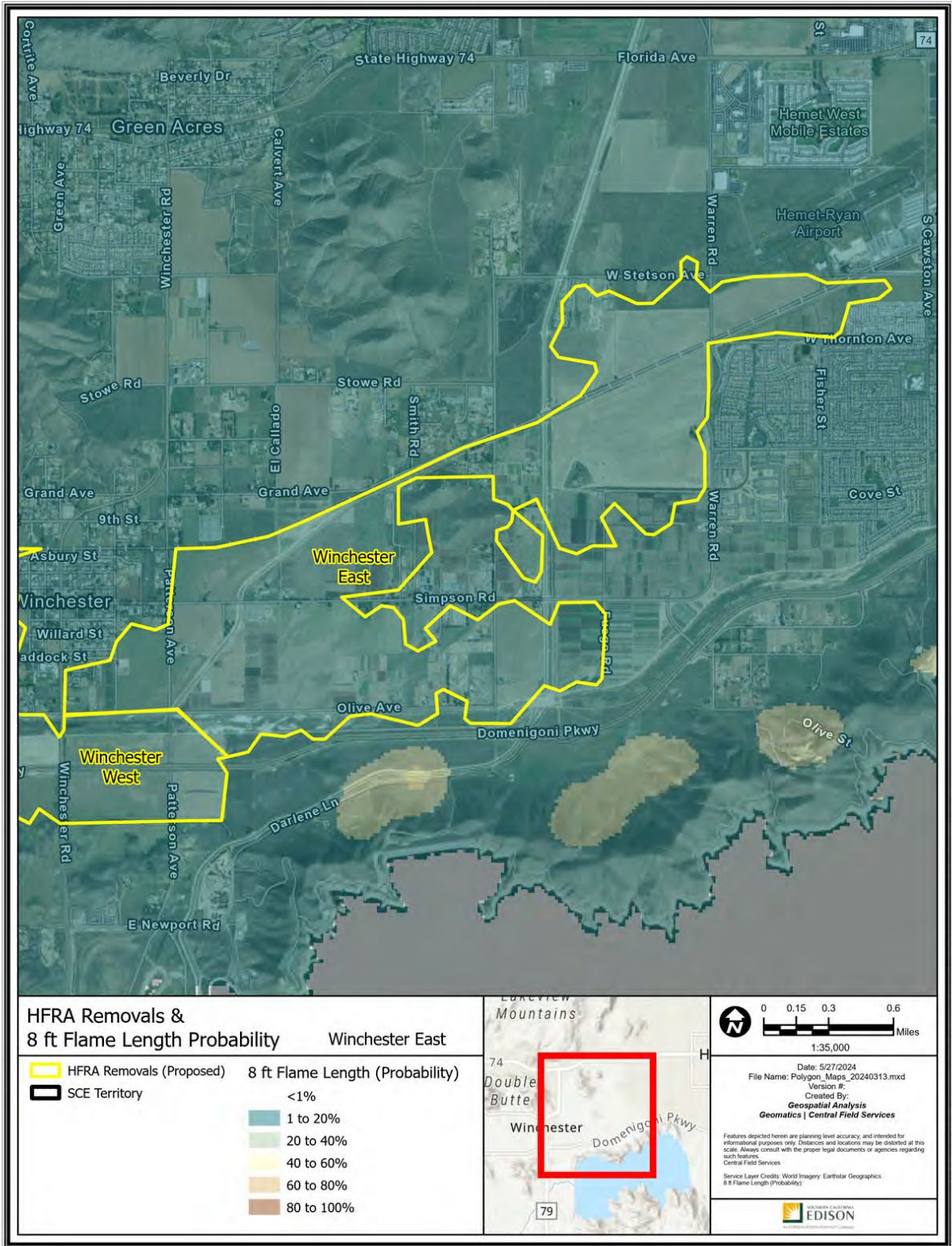
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 55 | 0.09° | 4: High | 3% |

Recommendation:

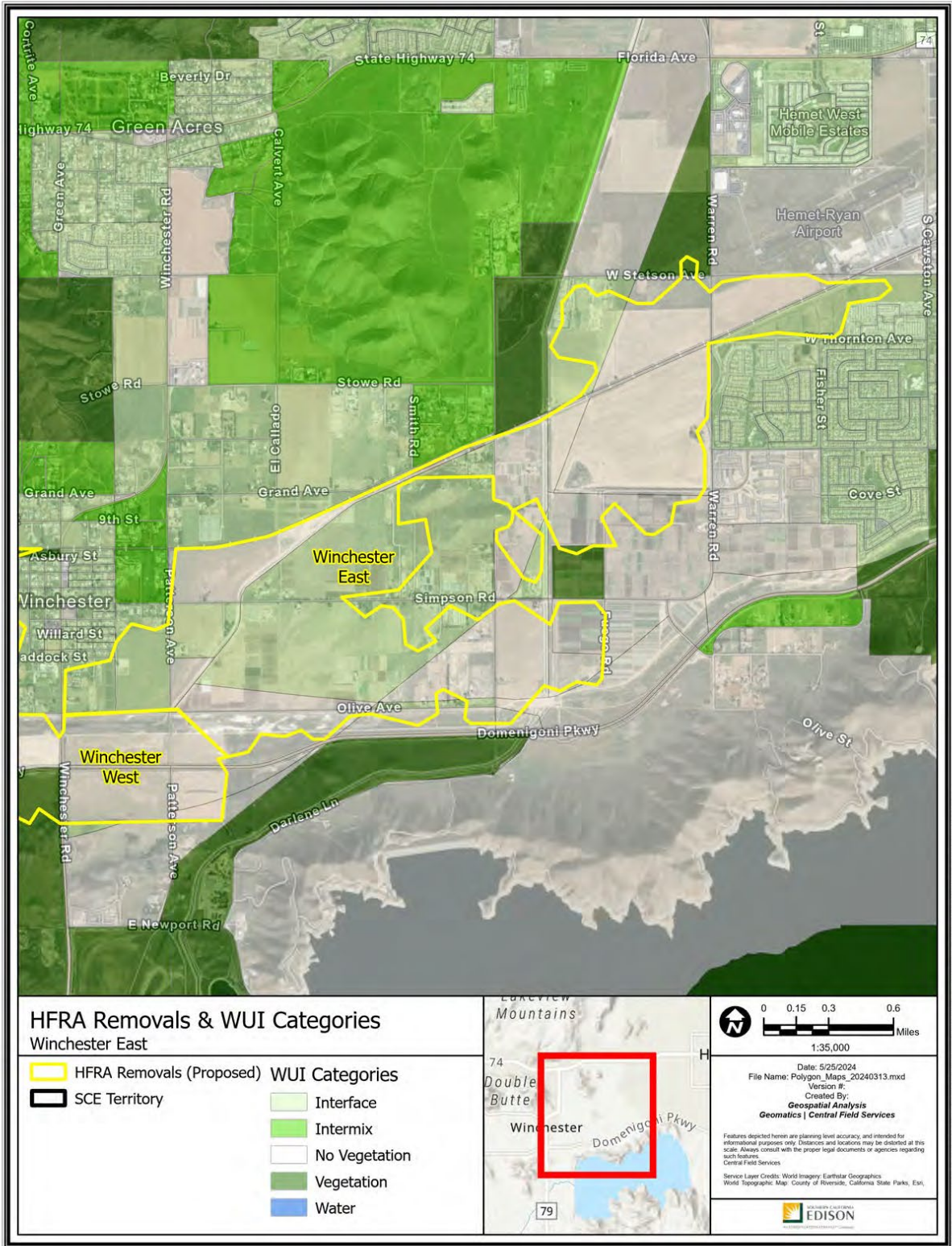
SCE proposes to remove the Winchester East polygon from the HFTD. This removal would exclude agricultural fields that, even if left fallow, would not provide significant fuel.



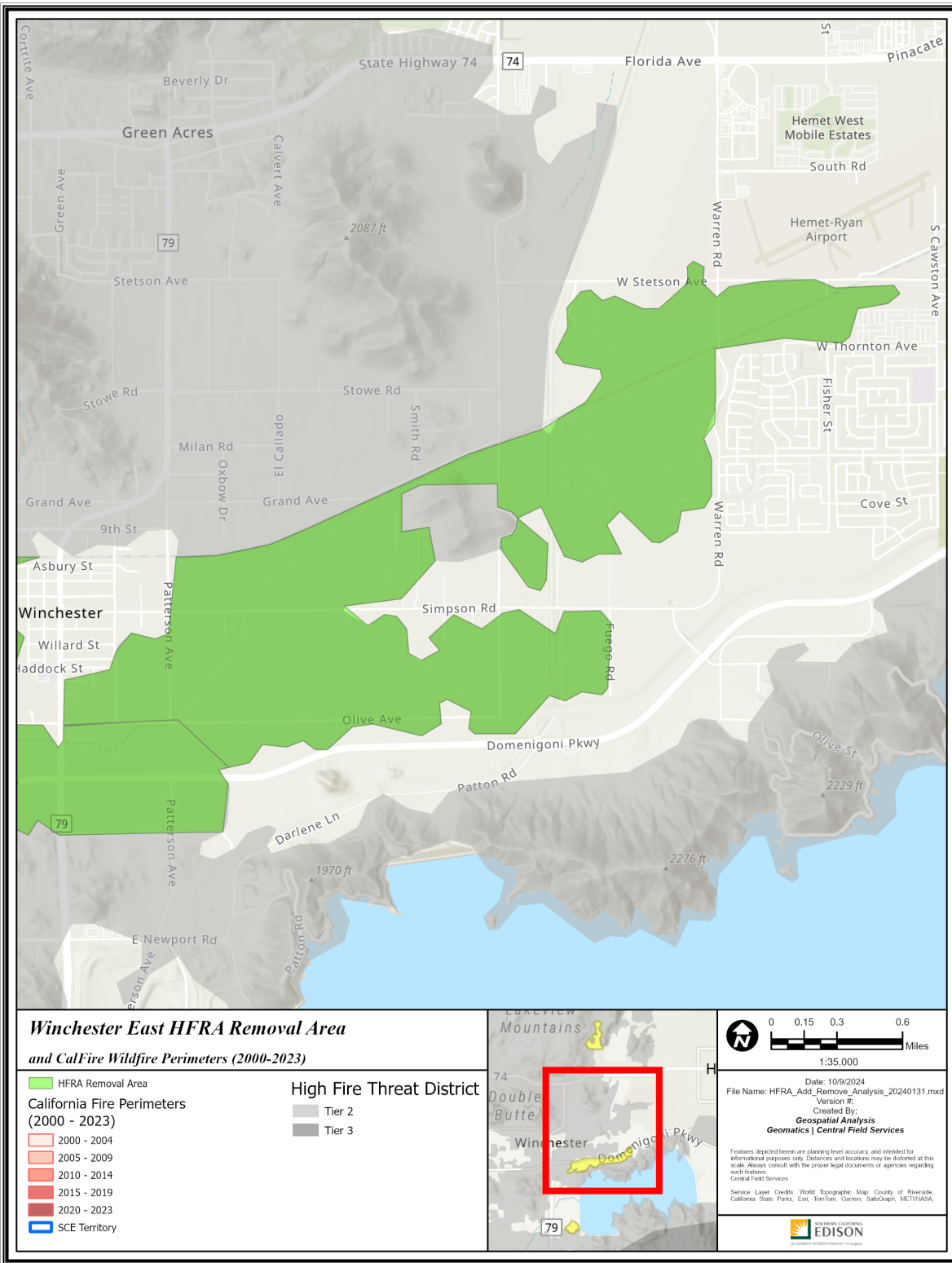
Path: P:\PROJECTS\Spatial_Projects\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Review_Analysis\Polygon_Map_20240313.aprx



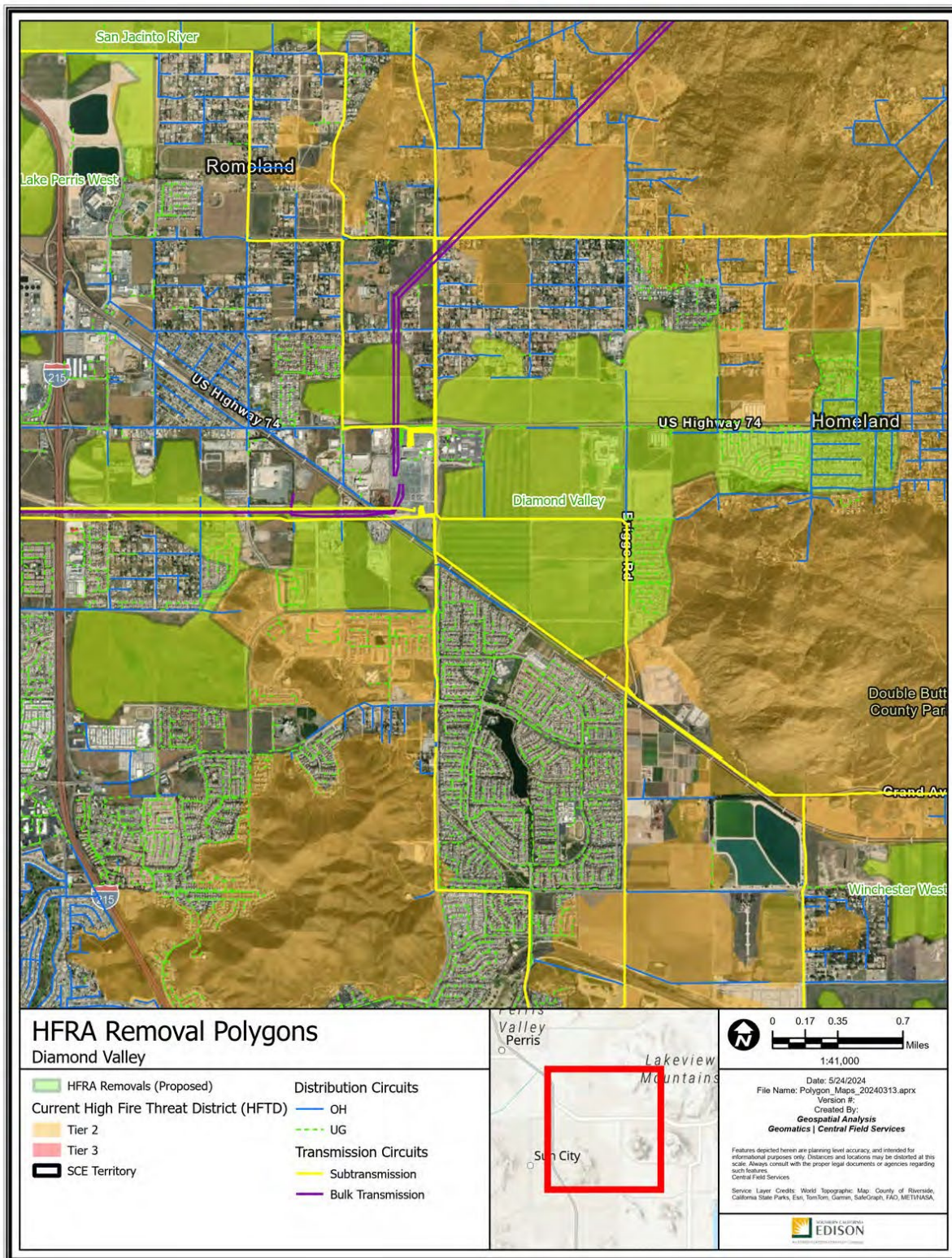
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R48 – Diamond Valley

Riverside County

-117.149053, 33.73729

2,500 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 71.4% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 7.0% | Moderate Load Dry Climate Grass Shrub |
| 4.1% | Non Burnable Urban Areas |
| 3.4% | Minor Roads Surrounded by Low Fire Behavior Fuel |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 5.6% | 17.9% | 0.1% | 76.5% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 12.88 | 10.58 | 9.62 | 0.06 | 2.29 | 35.43 |

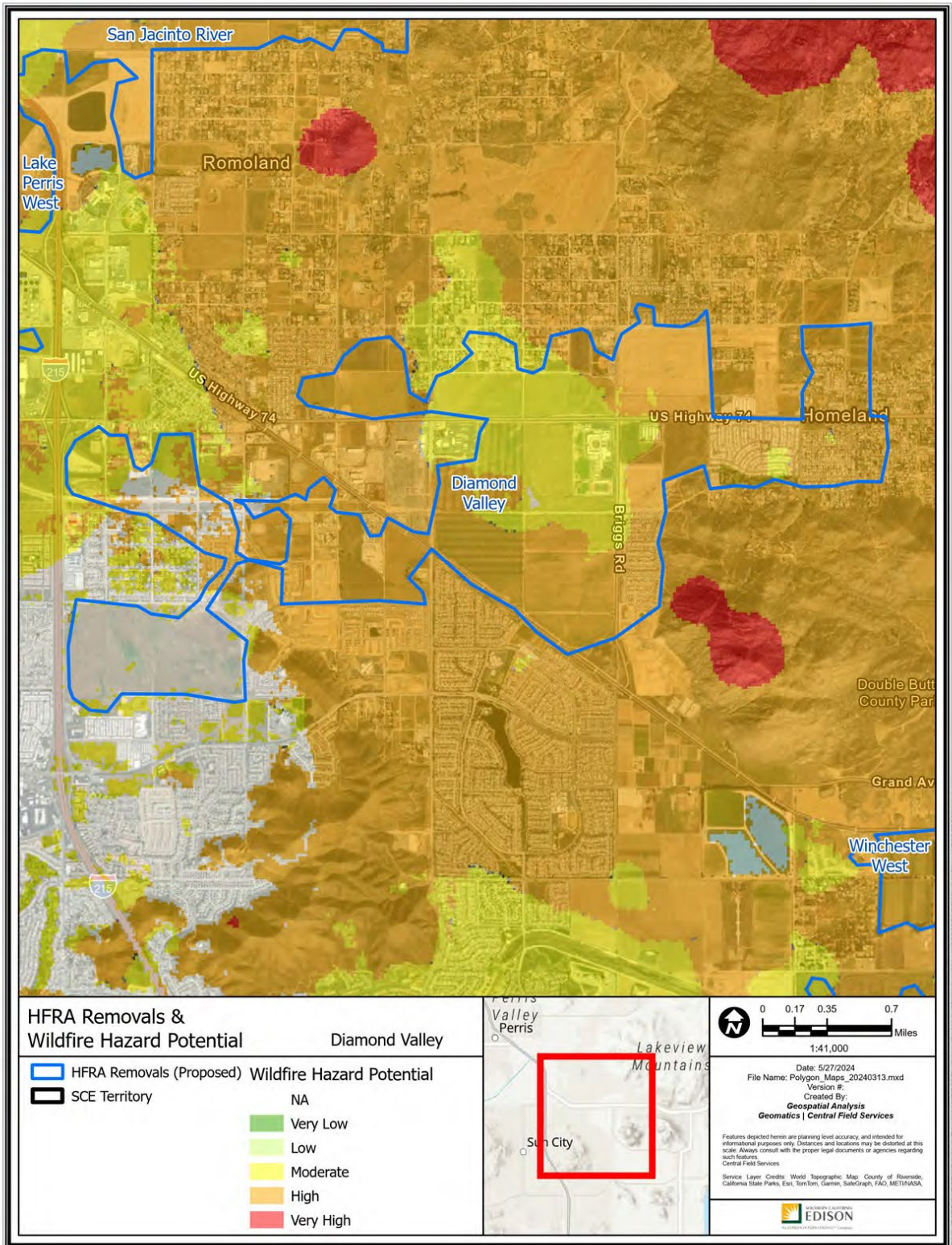
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 1,613 | 0.88° | 3: Moderate | 3% |

This removal features some areas that met threshold levels of IWMS criteria:

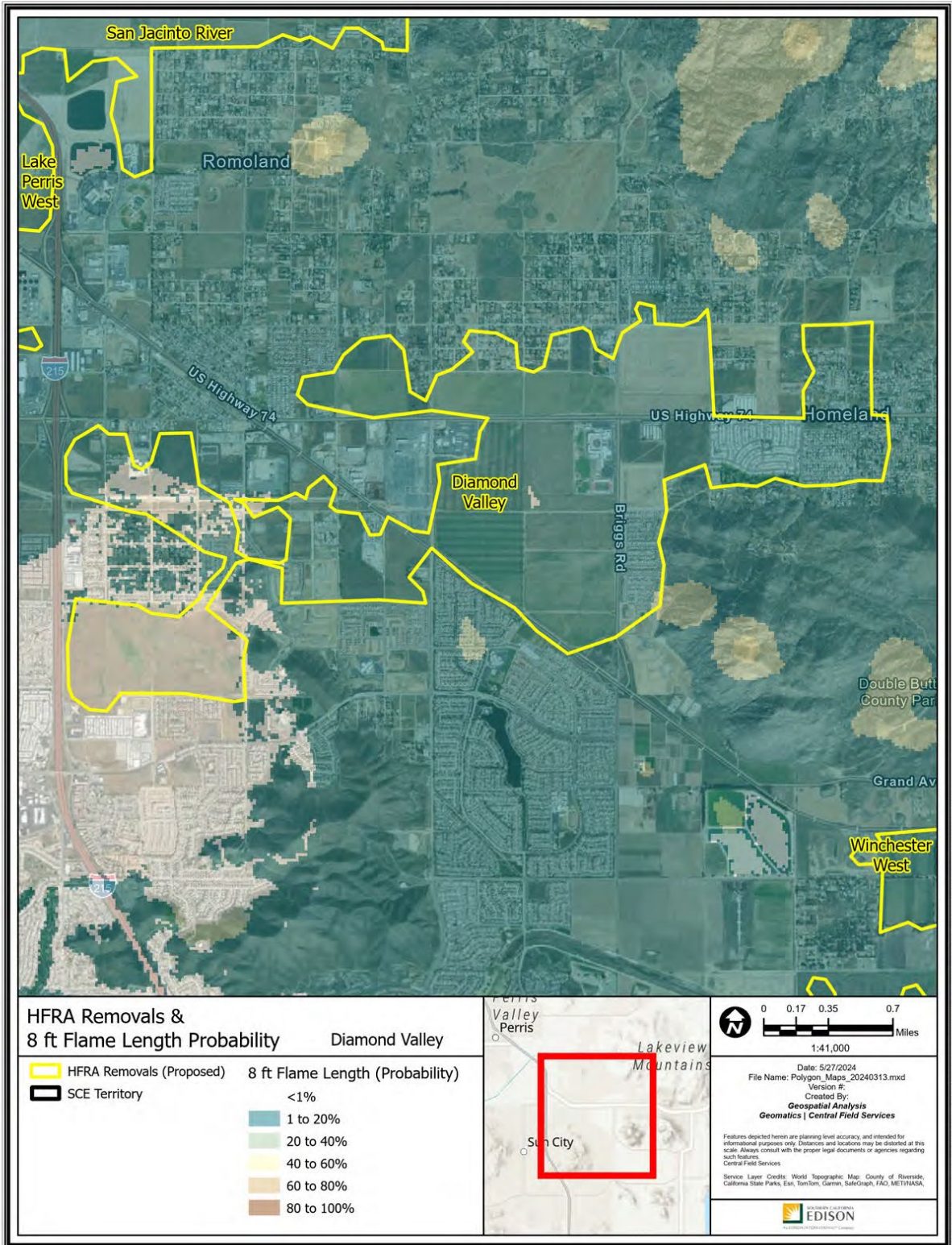
- The polygon overlaps with regions that have high wind exposure.

Recommendation:

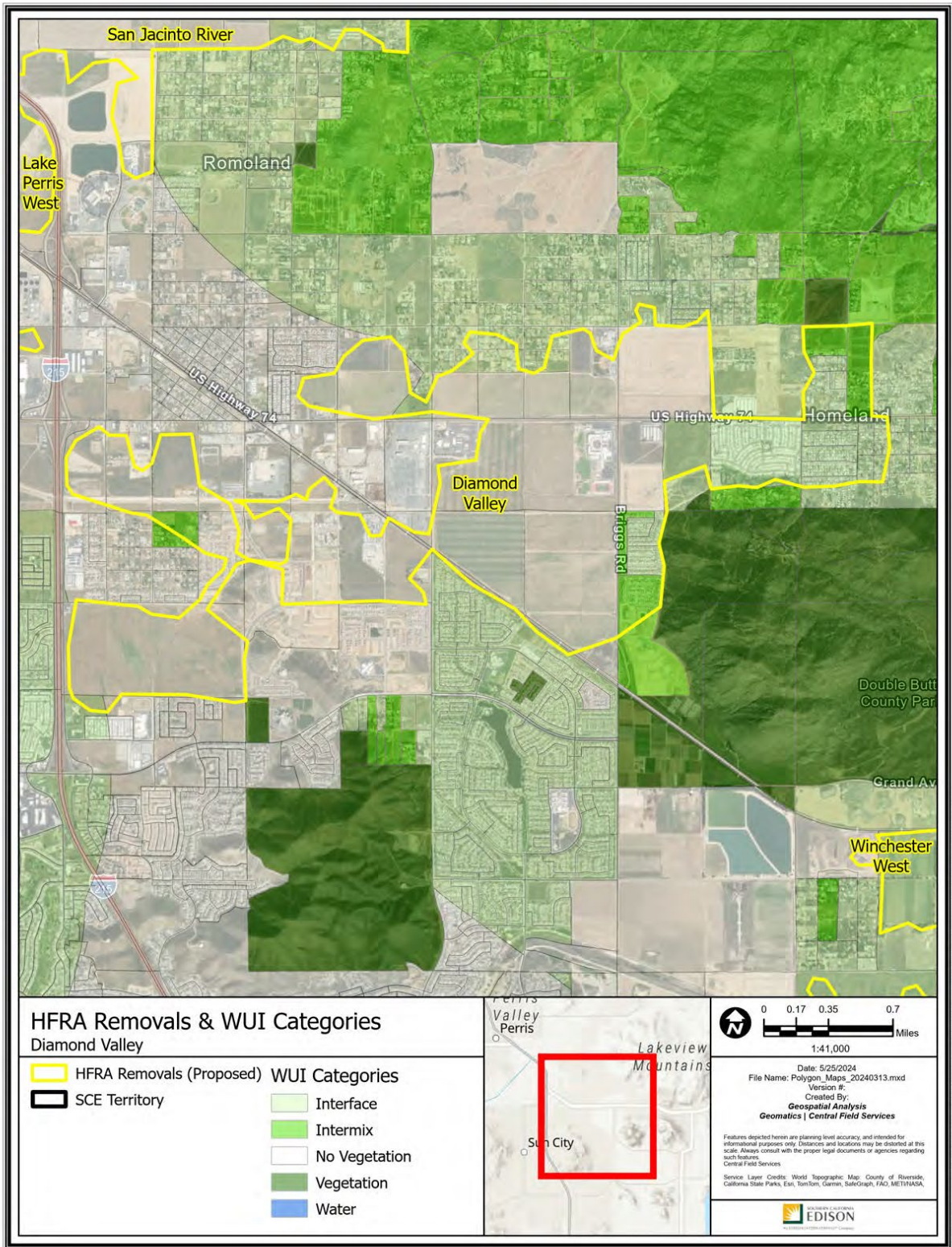
SCE proposes to remove the Diamond Valley polygon from the HFTD. This recommendation would exclude agricultural fields that, even if left fallow, would not provide significant fuel. Additionally, it would remove areas that have been urbanized or are currently under development. This removal will better align the polygon’s designation with local characteristics because the polygon is consistent with the adjacent non-HFTD areas.



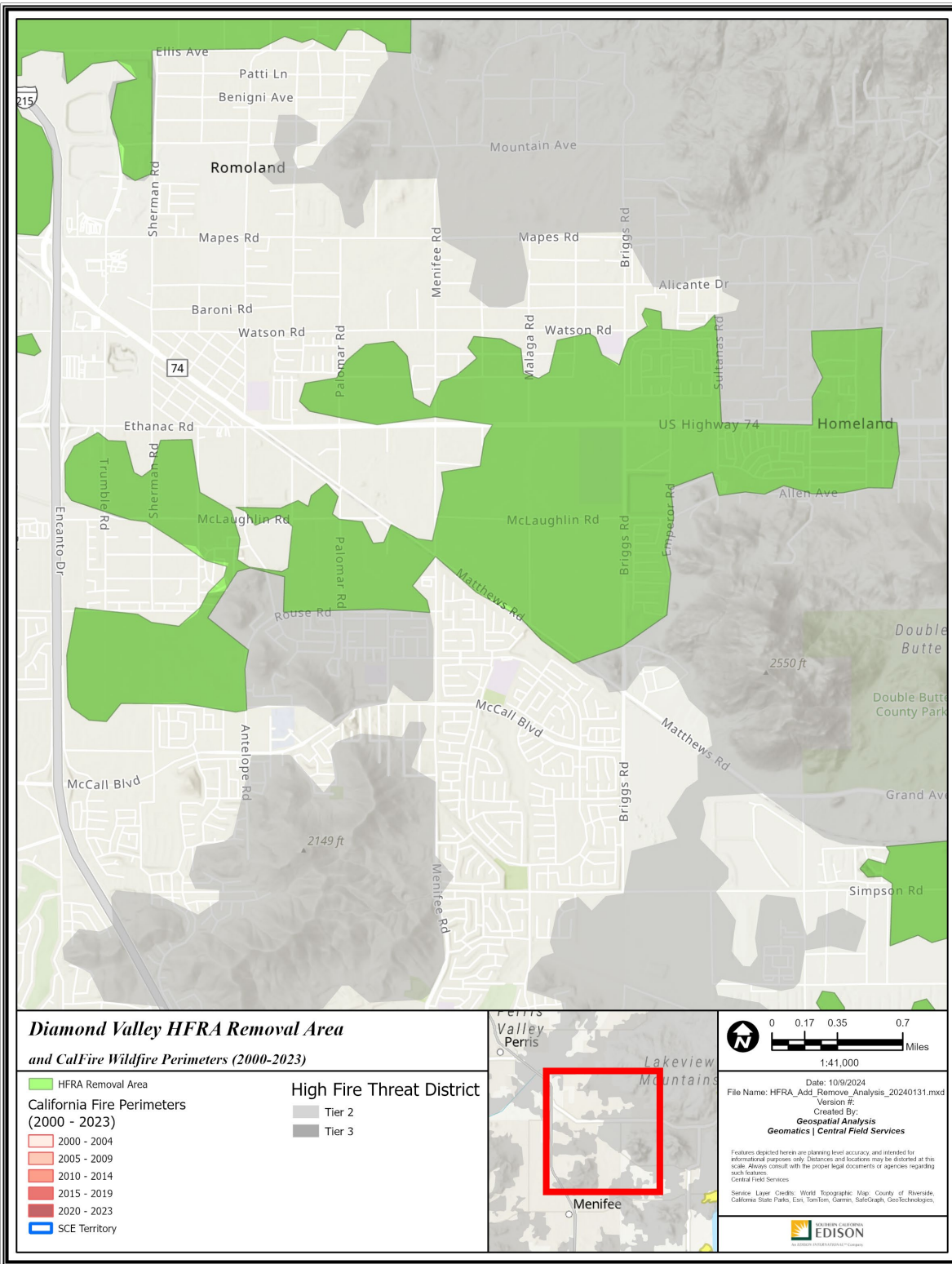
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



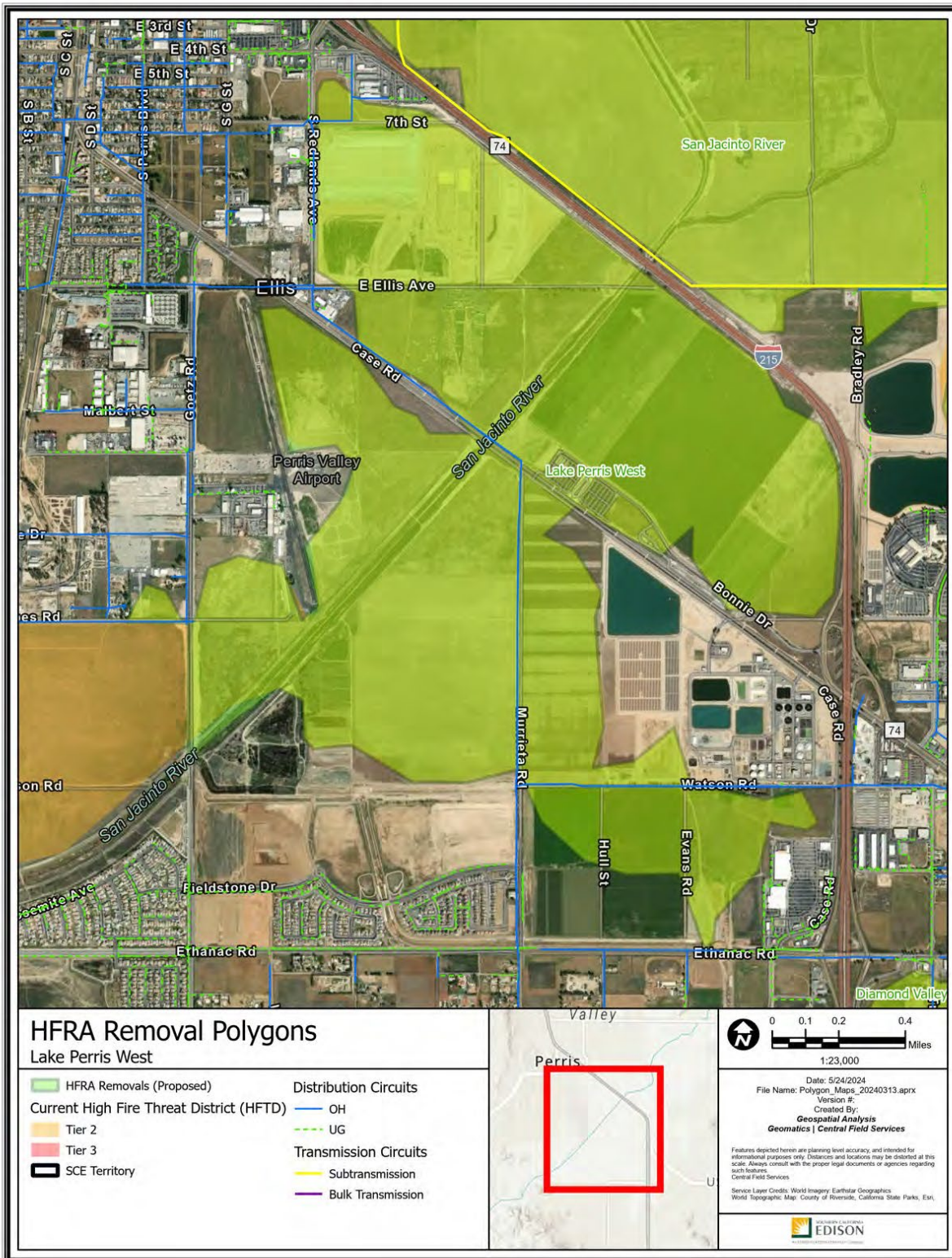
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R49 – Lake Perris West

Riverside County

-117.206963, 33.762718

1,607 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 95.7% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 2.1% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 1.1% | Low Load Dry Climate Grass |
| 0.6% | Moderate Load Dry Climate Grass Shrub |

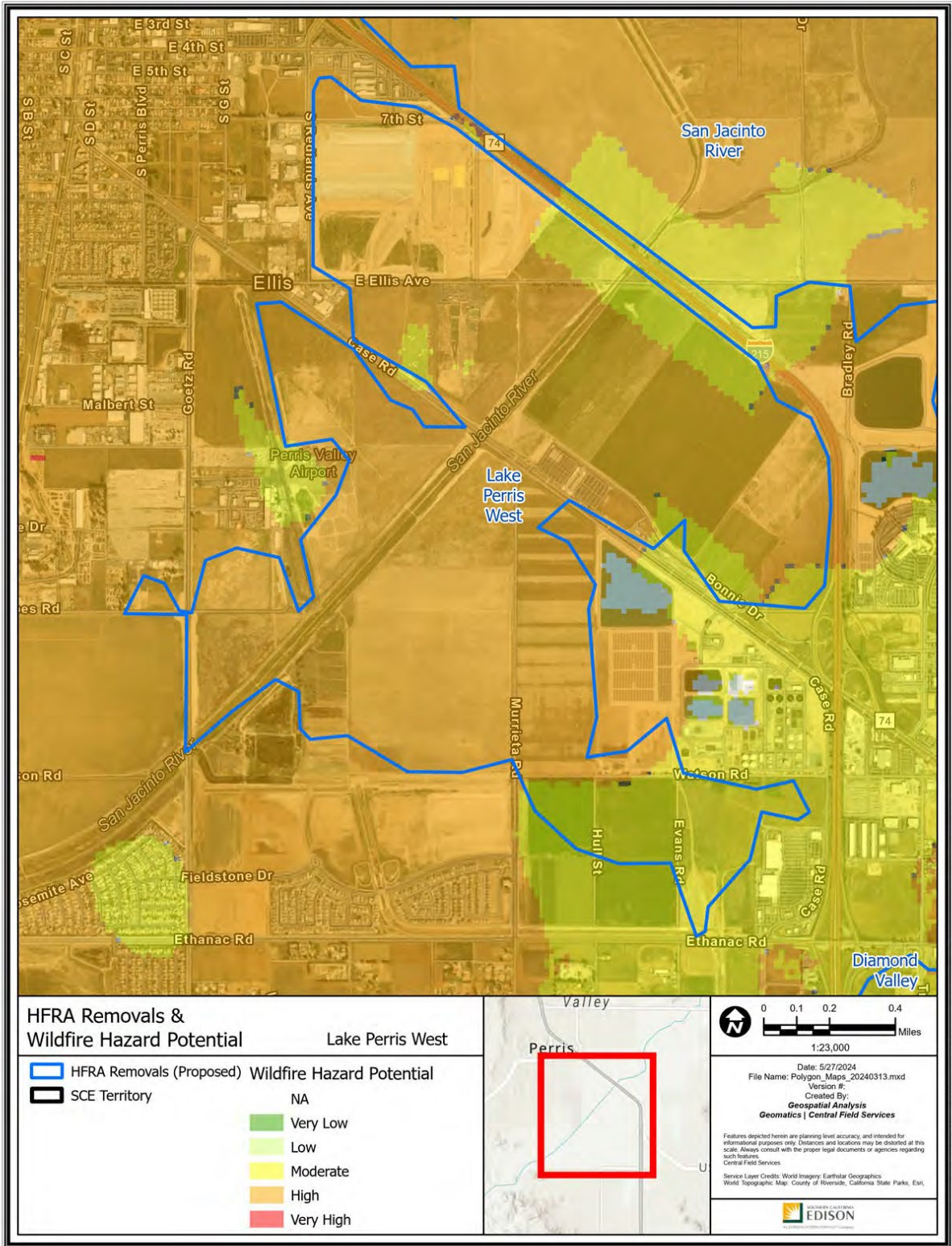
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.4% | 0.0% | 99.6% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 4.81 | 0 | 0 | 0 | 0 | 4.81 |

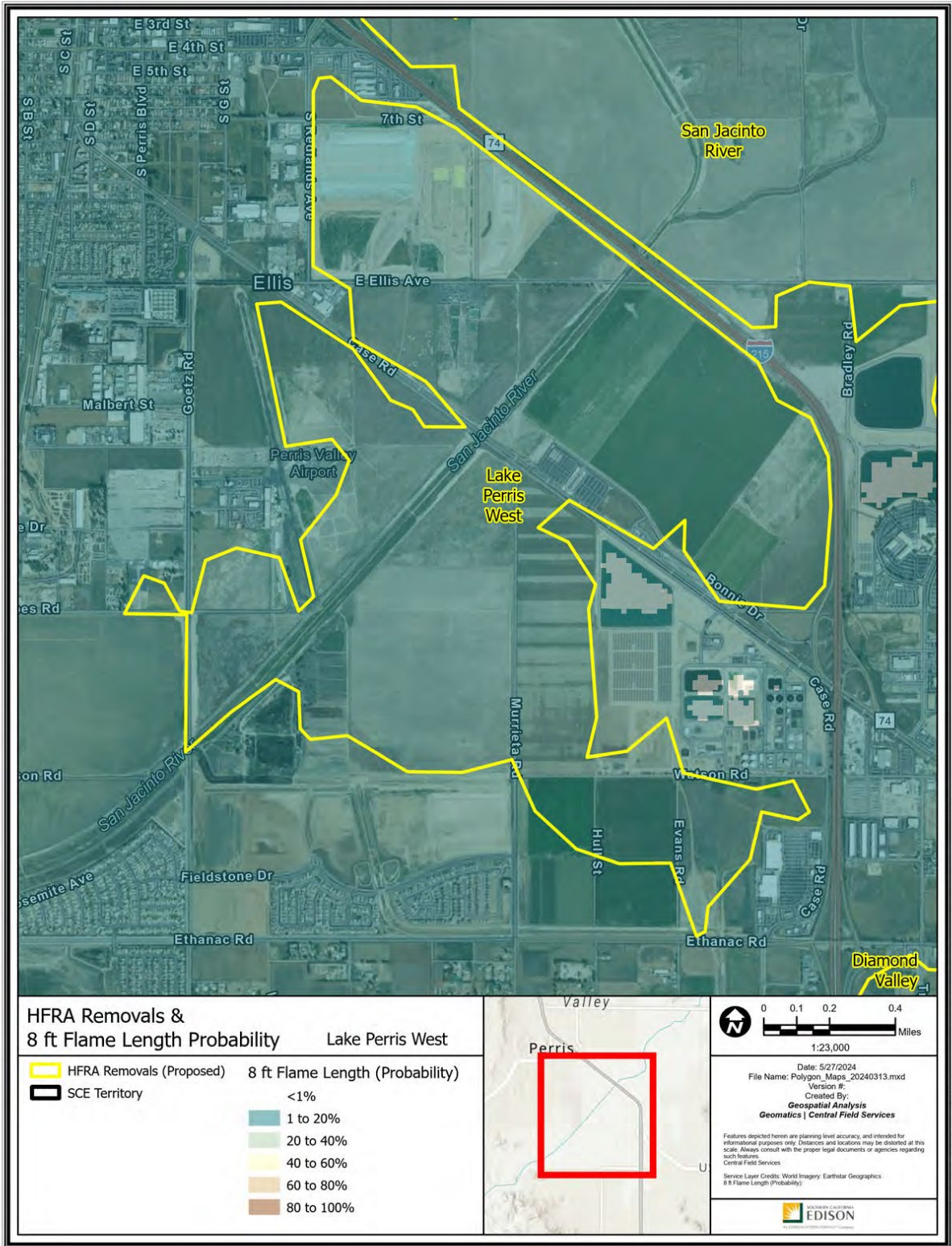
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 8 | 0.01° | 4: High | 2% |

Recommendation:

SCE proposes to remove the Lake Perris West polygon from the HFTD. This polygon is adjacent on all sides to non-HFTD areas. SCE's proposed removal would exclude agricultural fields that, even if left fallow, would not provide significant fuel.



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



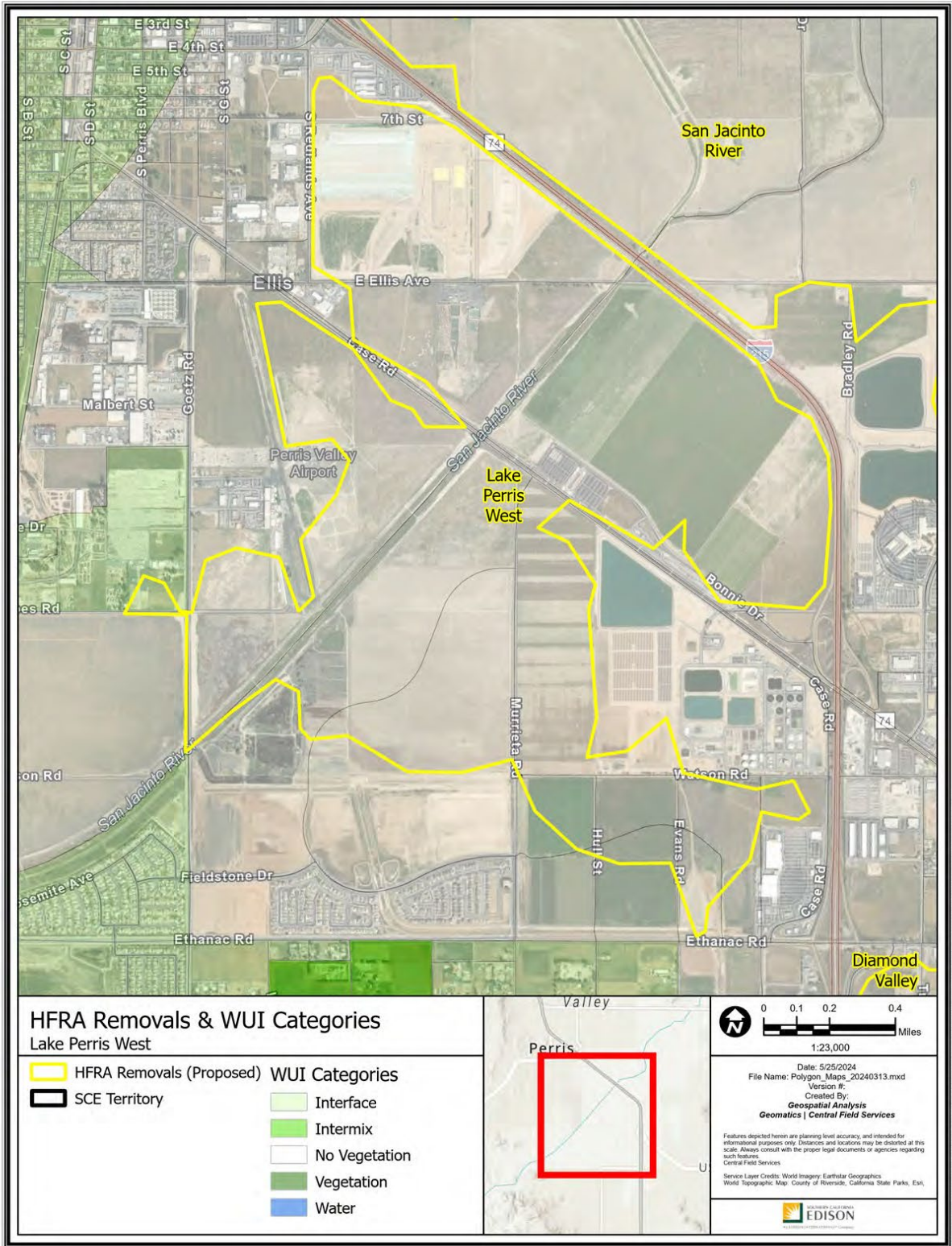
HFRA Removals & 8 ft Flame Length Probability Lake Perris West

| | |
|--------------------------|---------------------------------|
| HFRA Removals (Proposed) | |
| SCE Territory | |
| | 8 ft Flame Length (Probability) |
| | <1% |
| | 1 to 20% |
| | 20 to 40% |
| | 40 to 60% |
| | 60 to 80% |
| | 80 to 100% |

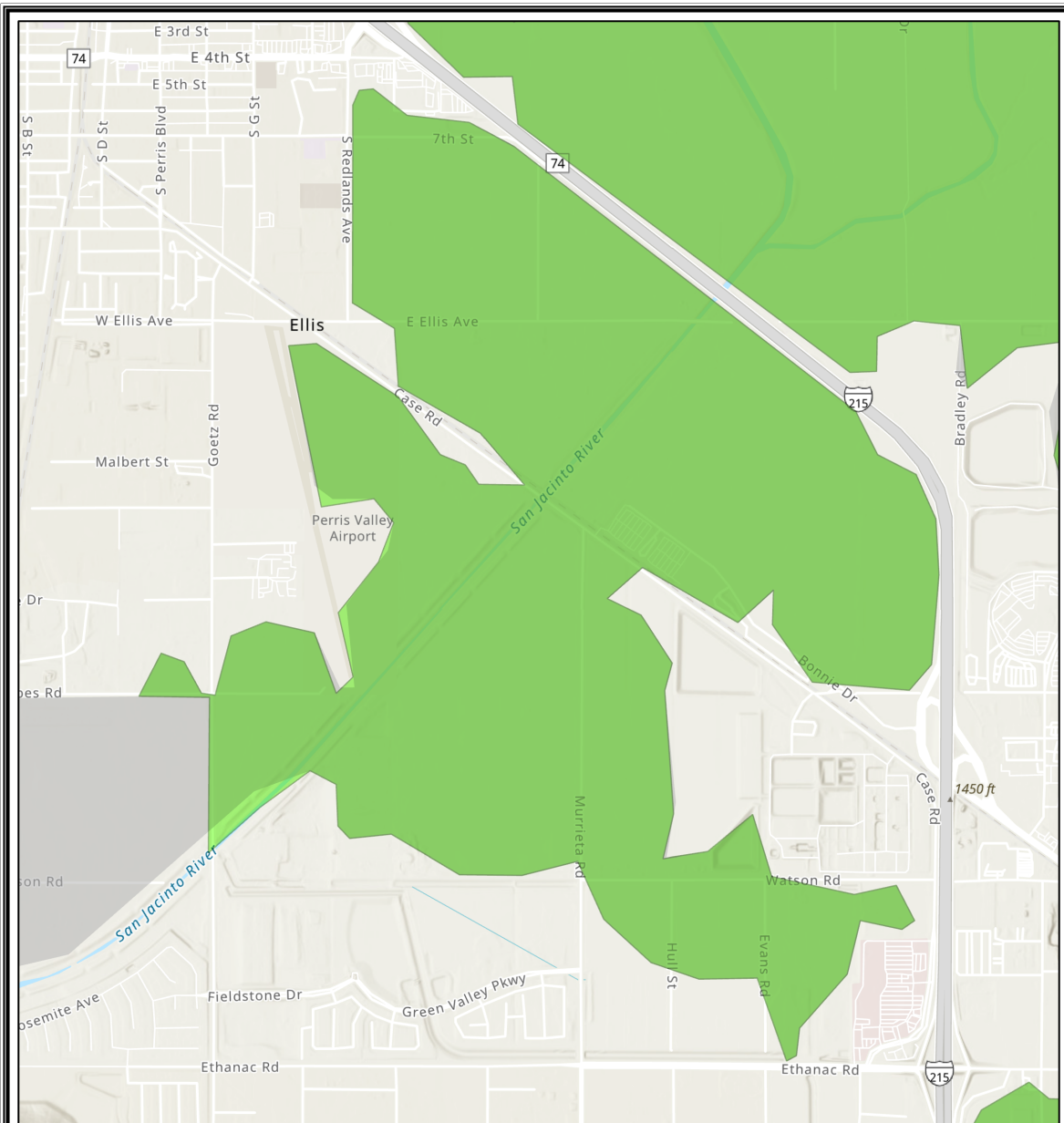


0 0.1 0.2 0.4 Miles
 1:23,000
 Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services
Features depicted herein are planning level accuracy and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
Service Layer Credits: World Imagery: Earthstar Geographics
 8 ft Flame Length (Probability):

Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx

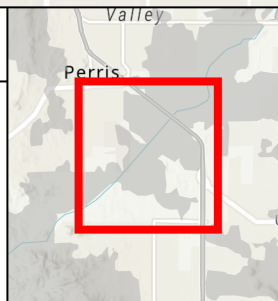


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



**Lake Perris West HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**


- | | |
|---|--|
| ■ HFRA Removal Area | High Fire Threat District |
| California Fire Perimeters (2000 - 2023) | Tier 2 |
| 2000 - 2004 | Tier 3 |
| 2005 - 2009 | |
| 2010 - 2014 | |
| 2015 - 2019 | |
| 2020 - 2023 | |
| SCE Territory | |



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map; County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, METI/USA,


 EDISON
AN ESCALANTE TECHNOLOGICAL COMPANY

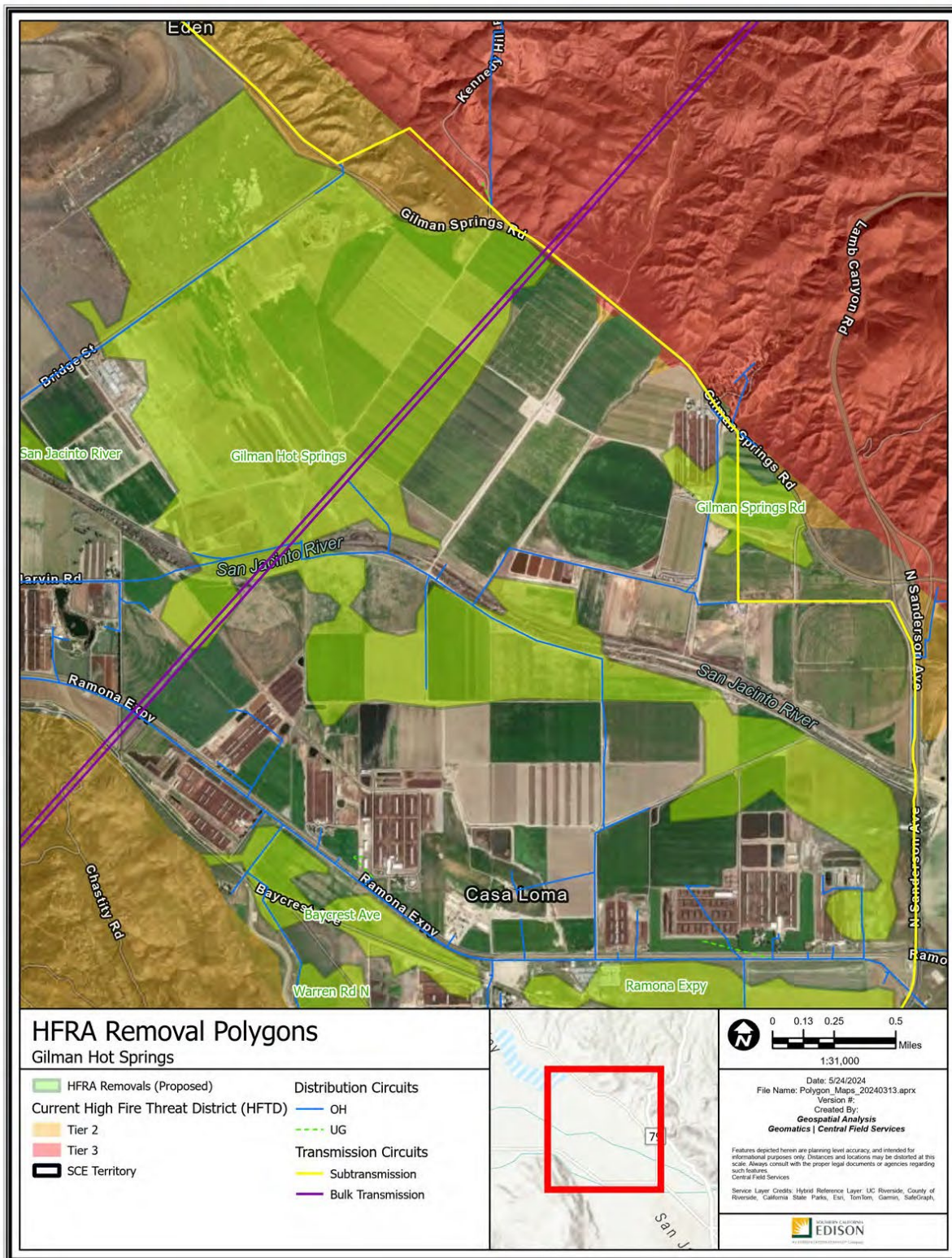
Path: P:\PROJECTS\Special\Projects\HFRA_Revision_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R50 – Gilman Hot Springs

Riverside County

-117.041576, 33.853069

2,042 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 85.9% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 5.0% | Short Sparse Dry Climate Grass |
| 5.0% | Moderate Load Dry Climate Grass Shrub |
| 3.1% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 0.0% | 98.3% | 1.7% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 4.16 | 0.21 | 0 | 0 | 4.06 | 8.43 |

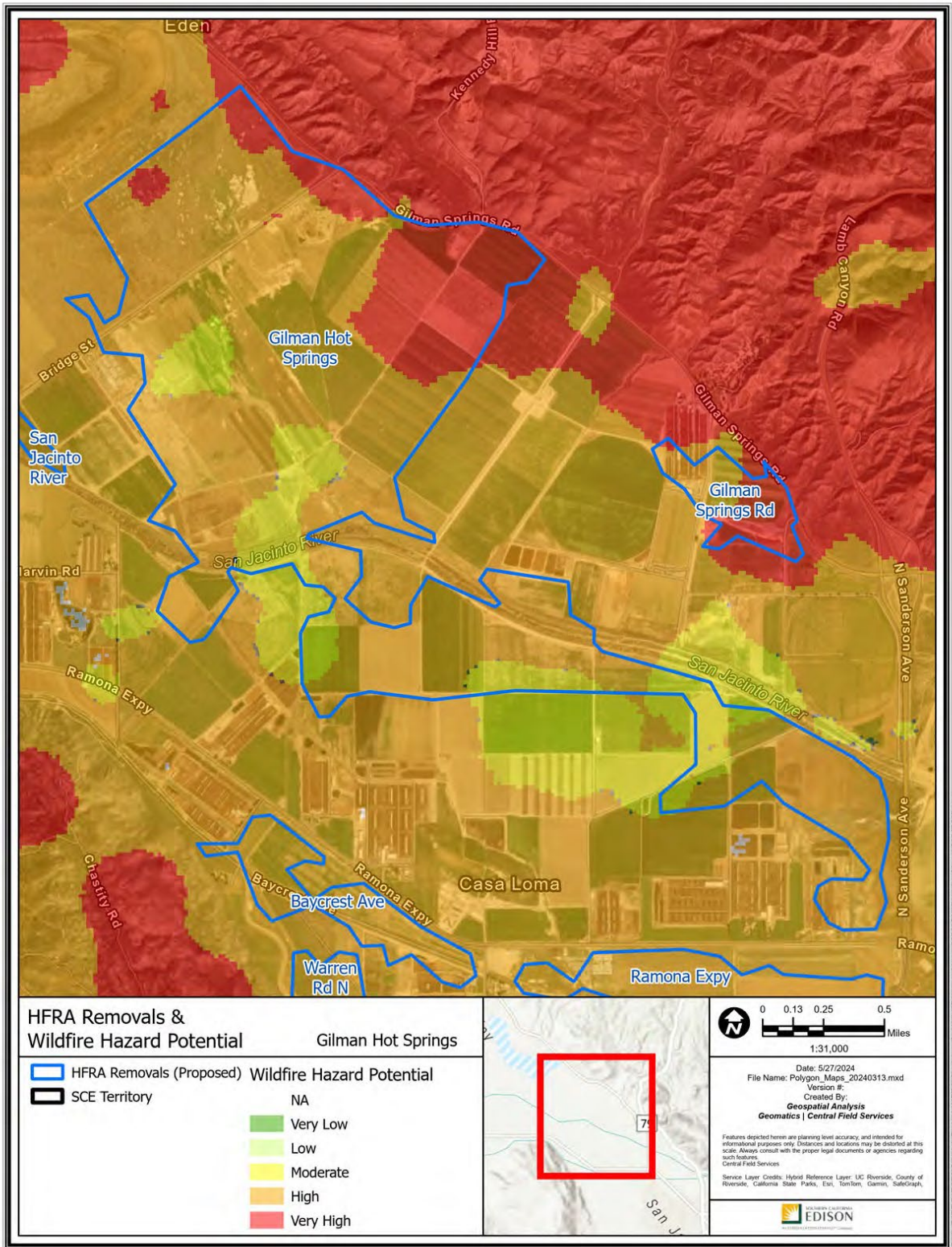
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 2 | 0.42° | 4: High | 8% |

This removal features some areas that met threshold levels of IWMS criteria:

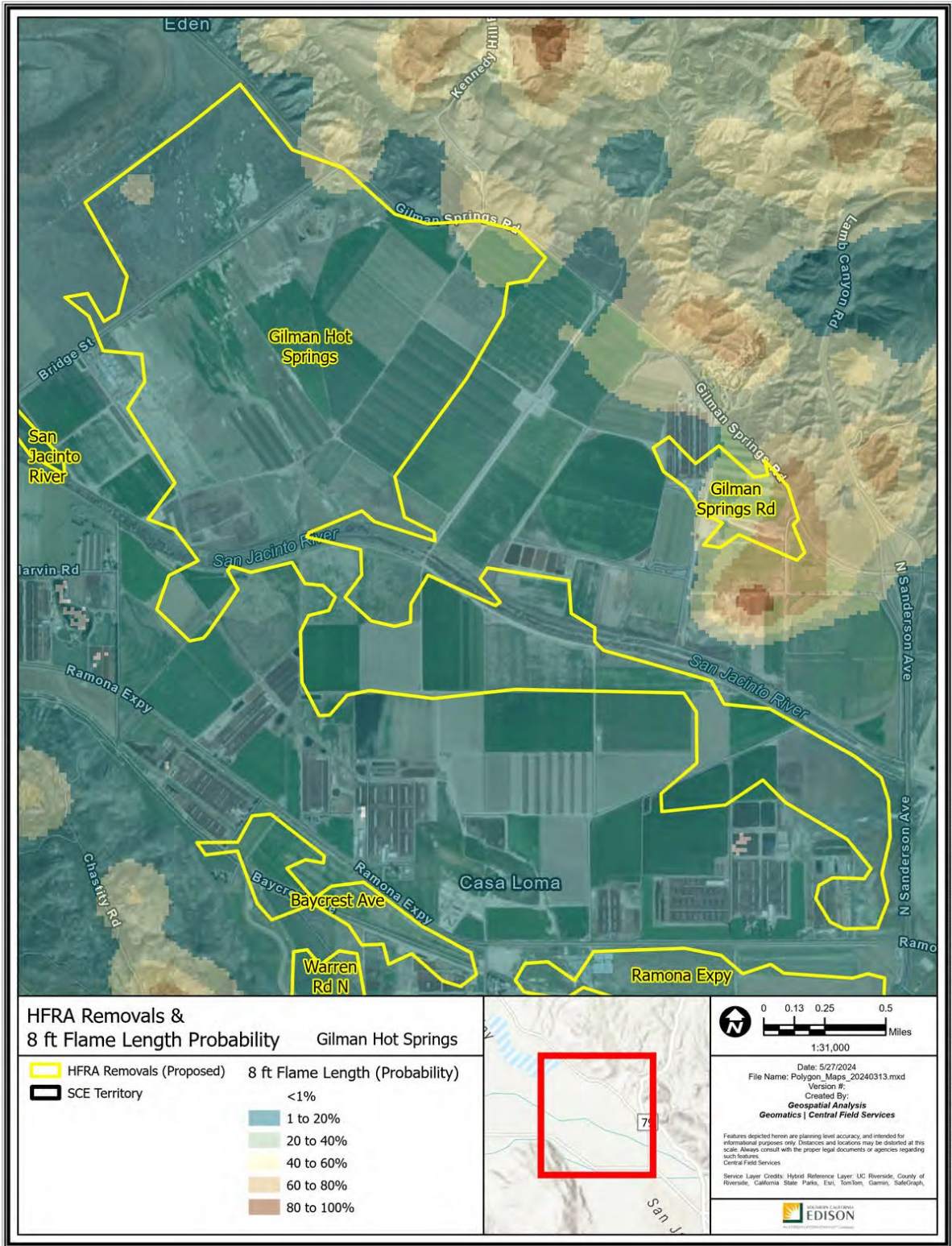
- The polygon overlaps with regions that have high wind exposure.

Recommendation:

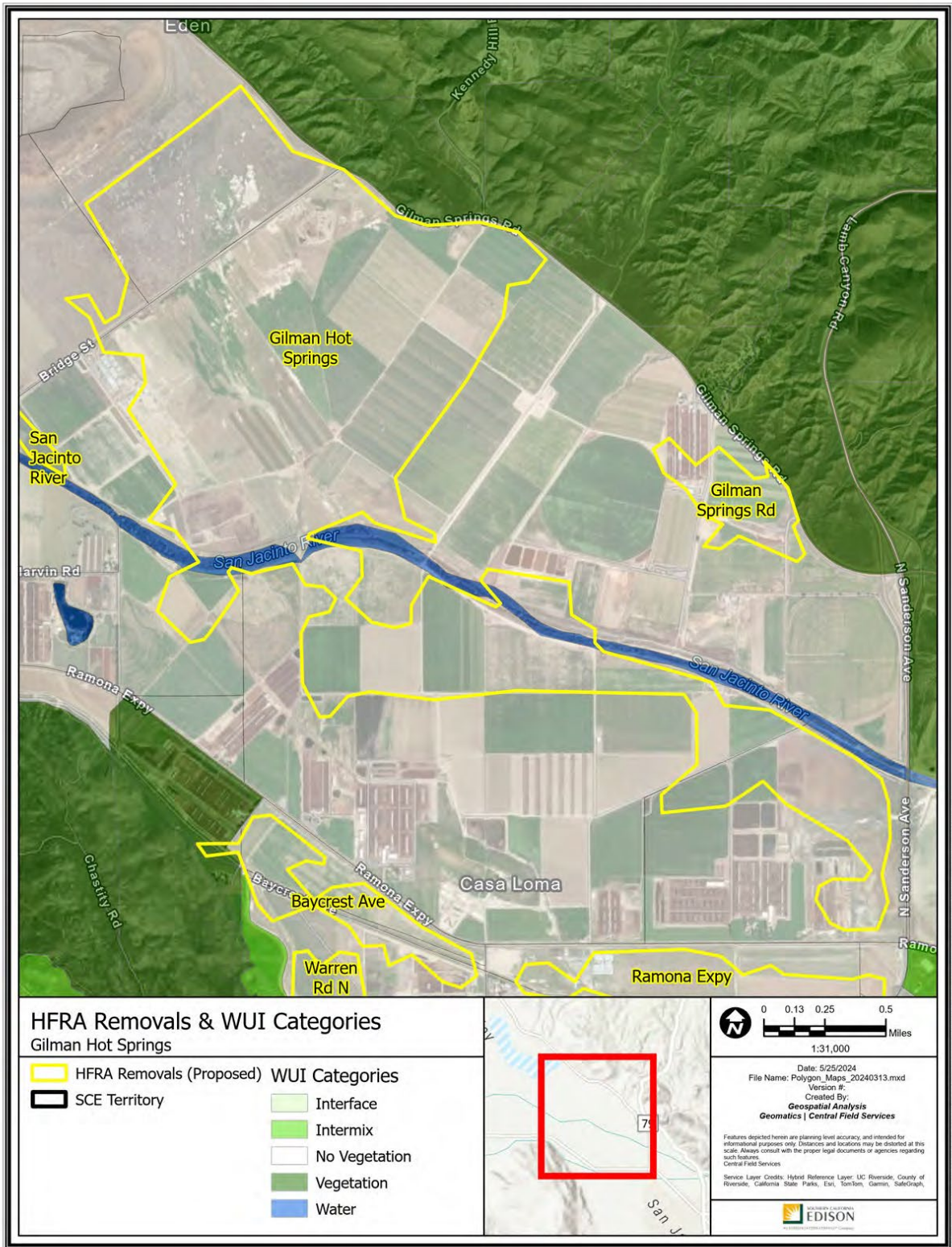
SCE proposes to remove the Gilman Hot Springs polygon from the HFTD. This polygon is in a developed urban area without the presence of burnable fuels. SCE’s recommendation would exclude primarily agricultural fields that, even if left fallow, would not provide significant fuel. The proposed updated HFTD boundary would align the polygon’s designation with the terrain and existing non-HFTD agricultural area to the west and south. Gilman Springs Road serves as a firebreak.



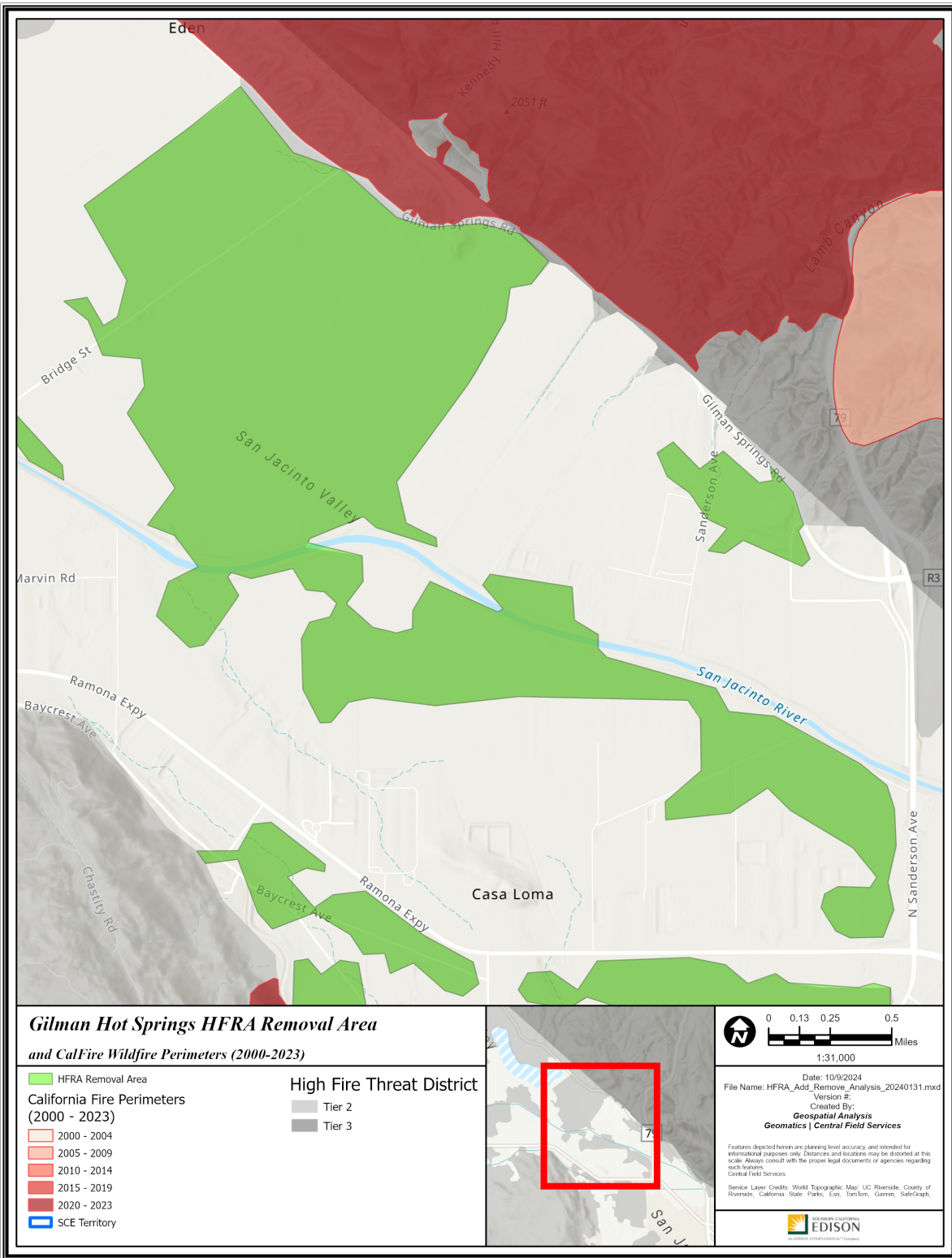
Path: P:\PROJECTS\Spatial_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



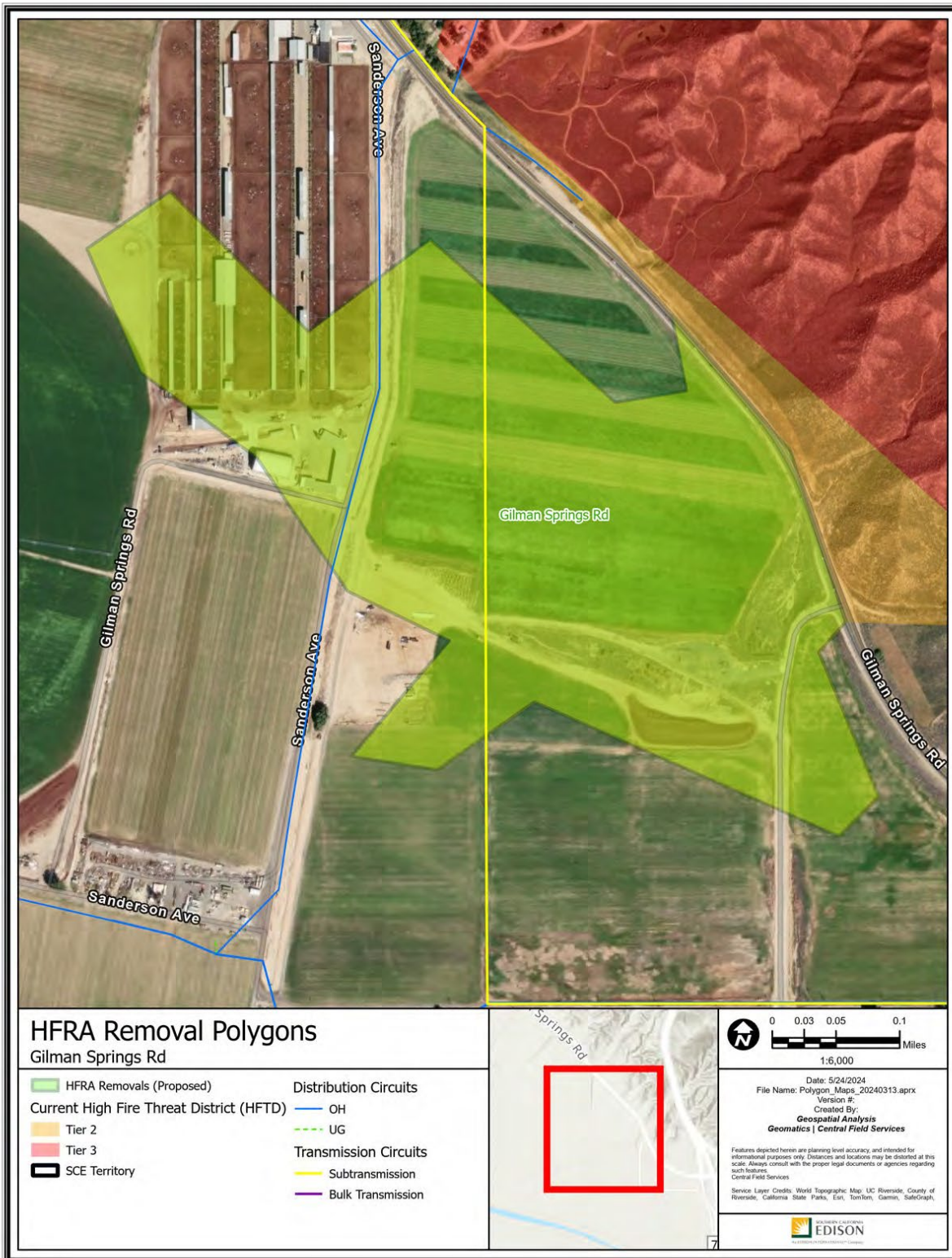
Path: P:\PROJECTS\Special\Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R51 – Gilman Springs Rd

Riverside County

-117.015847, 33.849957

94 Acres



Path: P:\PROJECTS\GIS\Projects\HFRA_Territory_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 91.6% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 3.9% | Moderate Load Dry Climate Grass Shrub |
| 1.6% | Low Load Dry Climate Shrub |
| 1.6% | Low Load Dry Climate Shrub |

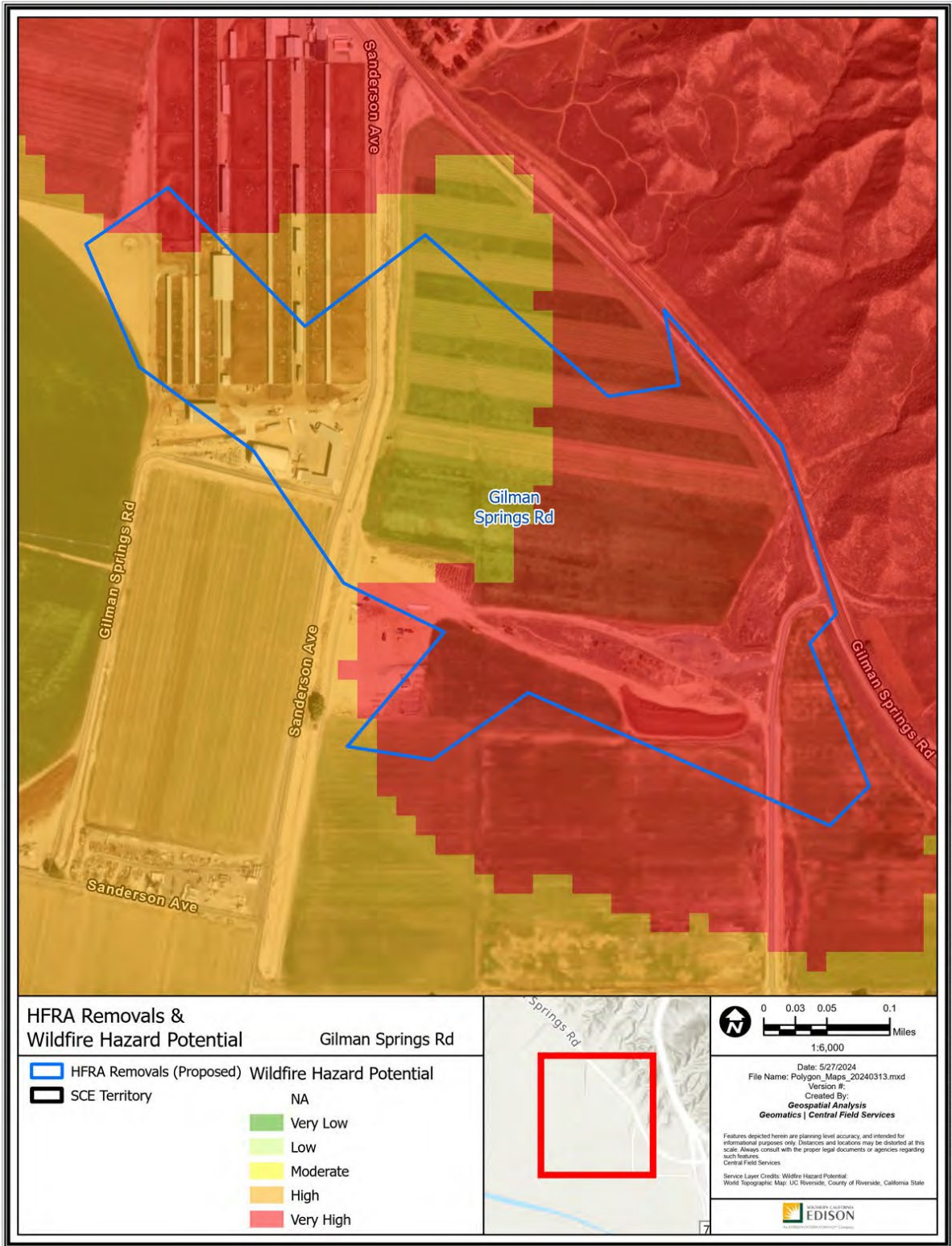
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 0.2% | 99.8% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.25 | 0 | 0.35 | 0 | 0 | 0.6 |

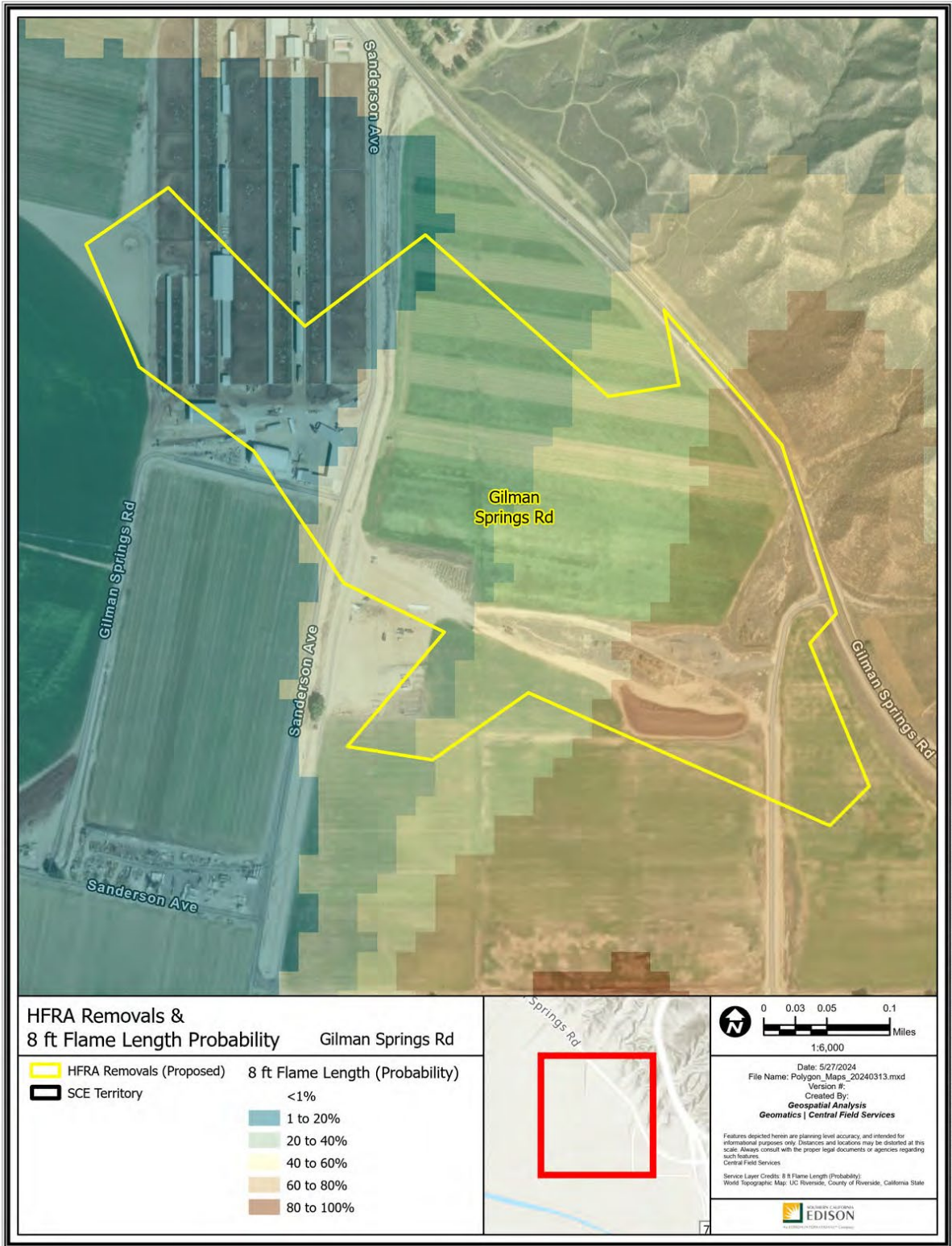
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 2.5° | 5: Very High | 41% |

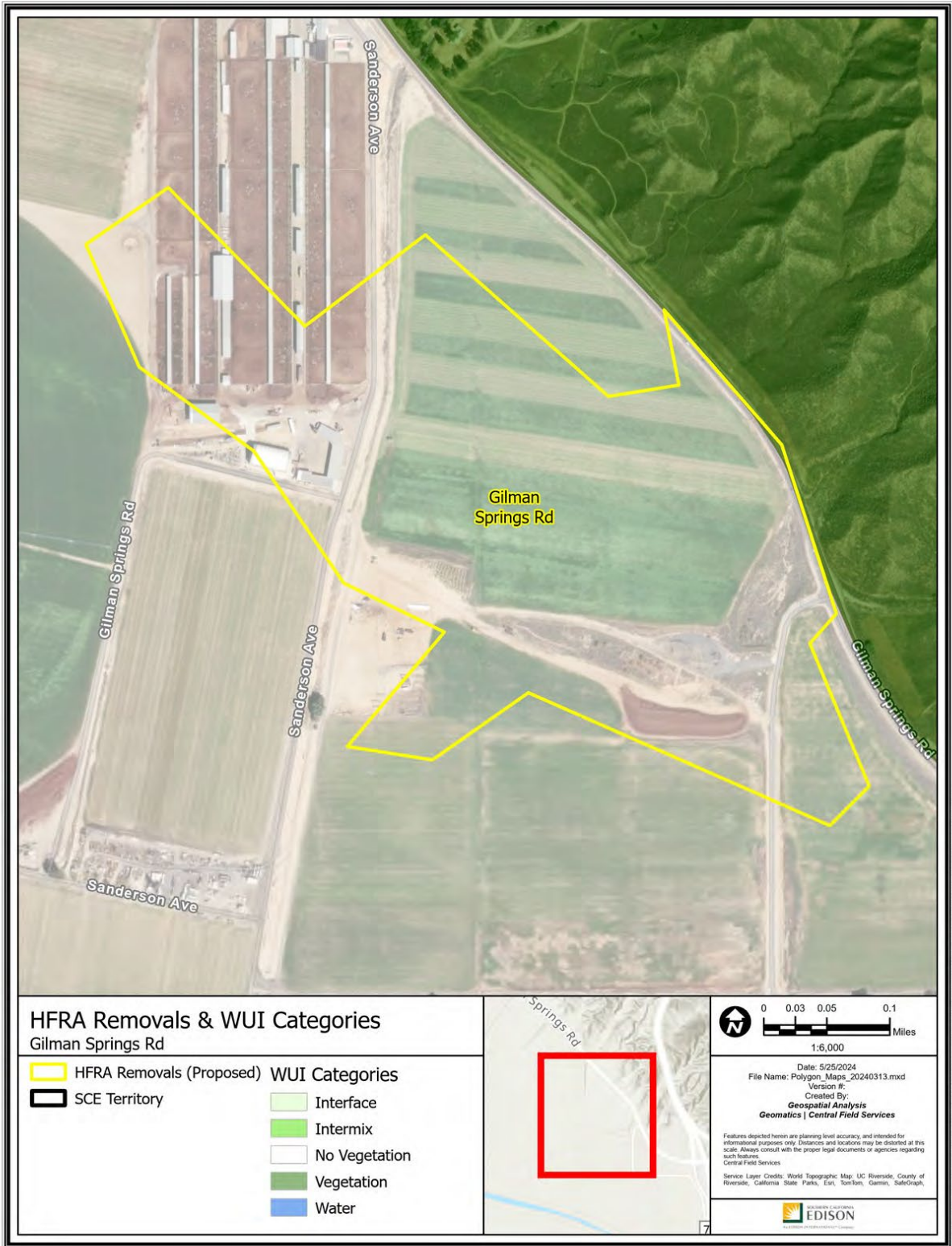
Recommendation:

SCE proposes to remove the Gilman Springs Rd polygon from the HFTD. This recommendation would exclude primarily agricultural fields that, even if left fallow, would not provide significant fuel. The proposed updated HFTD boundary would align the polygon’s designation with the terrain and existing non-HFTD agricultural area to the west. Gilman Springs Road serves as a firebreak.

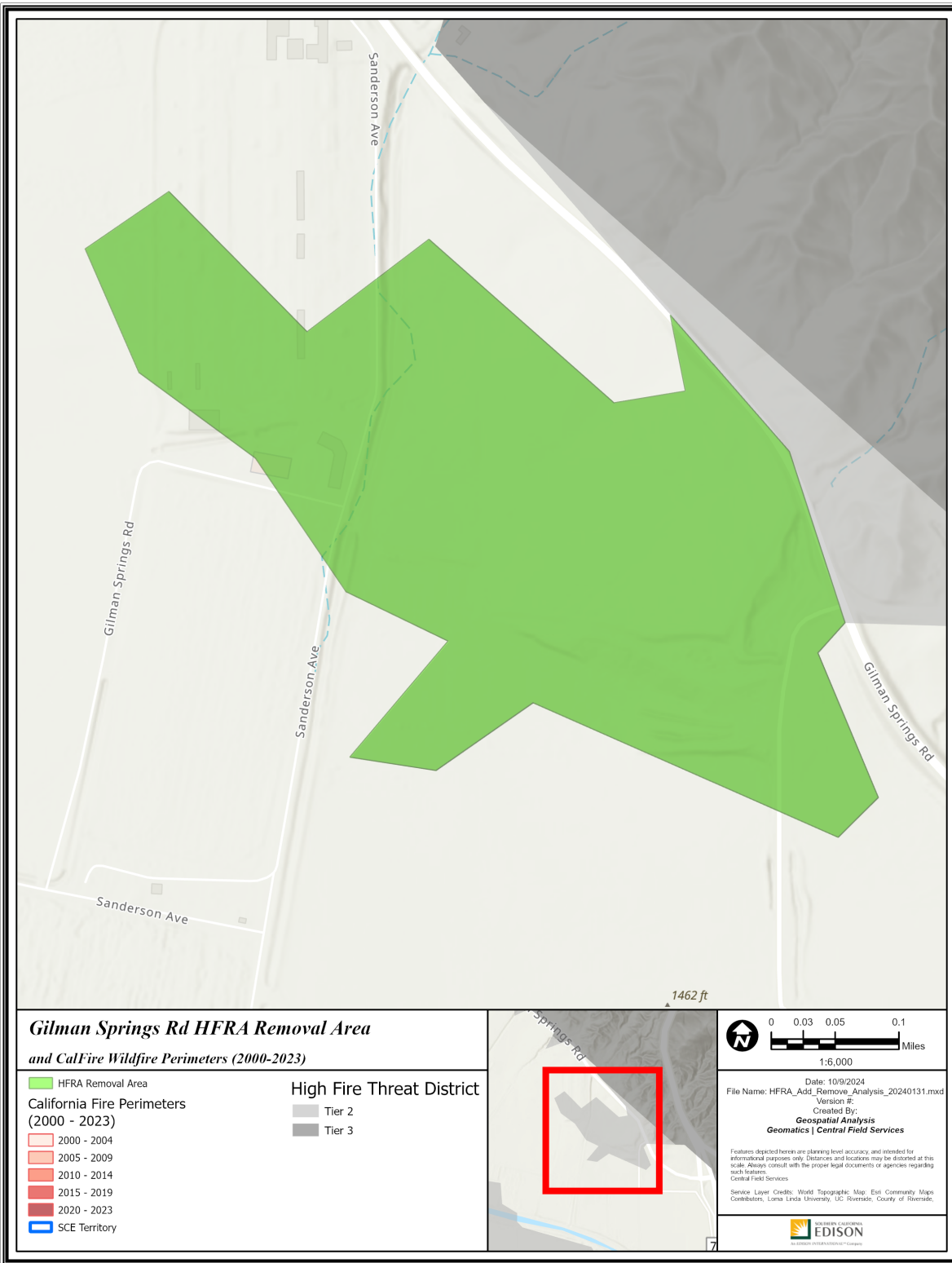


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx





Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



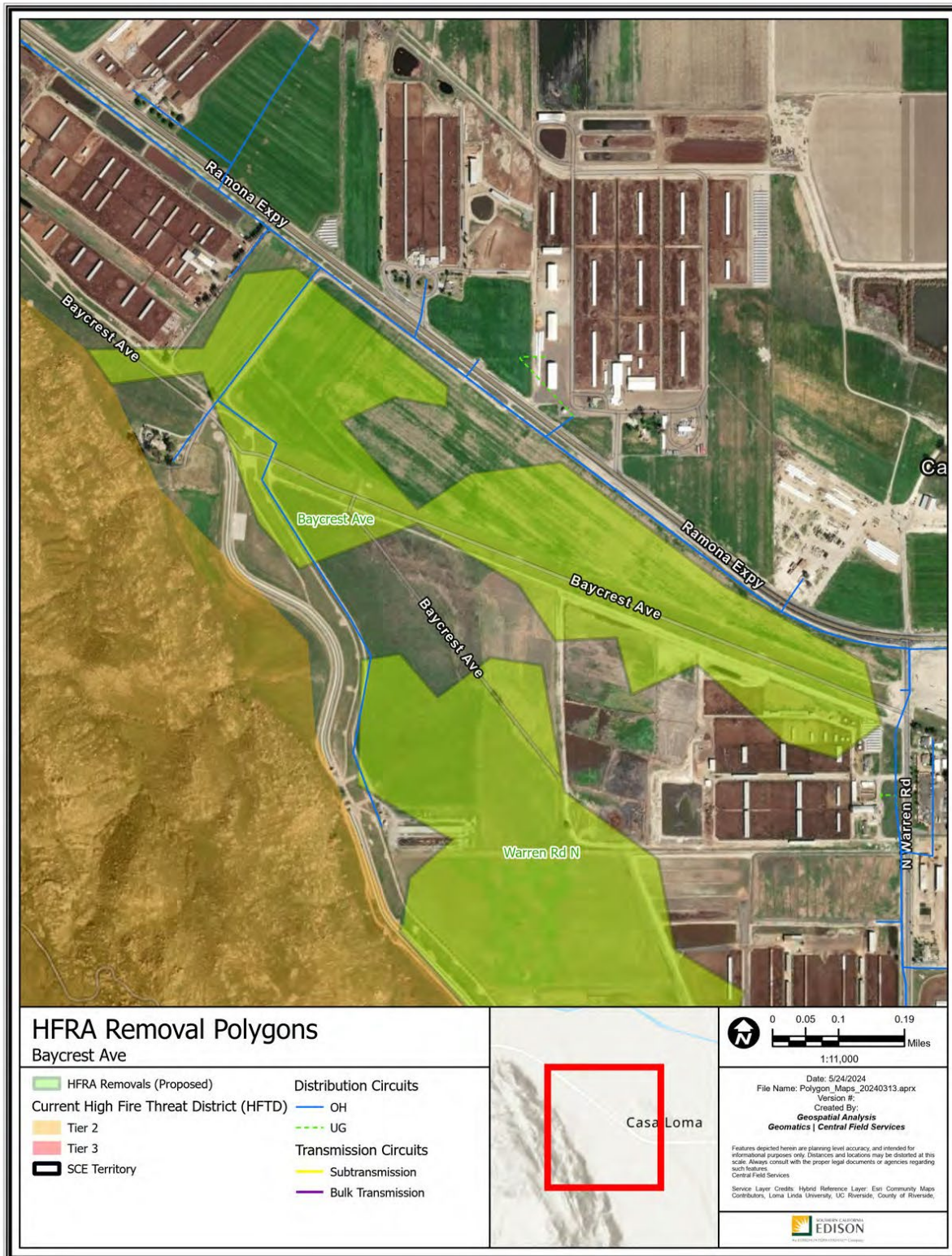
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R52 – Baycrest Ave

Riverside County

-117.044243, 33.82607

132 Acres



Path: P:\PROJECTS\Spatial_Projects\HFRA_Removal_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 88.7% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 6.5% | Low Load Dry Climate Grass |
| 3.2% | Moderate Load Dry Climate Grass Shrub |
| 0.9% | Minor Roads Surrounded by Low Fire Behavior Fuel |

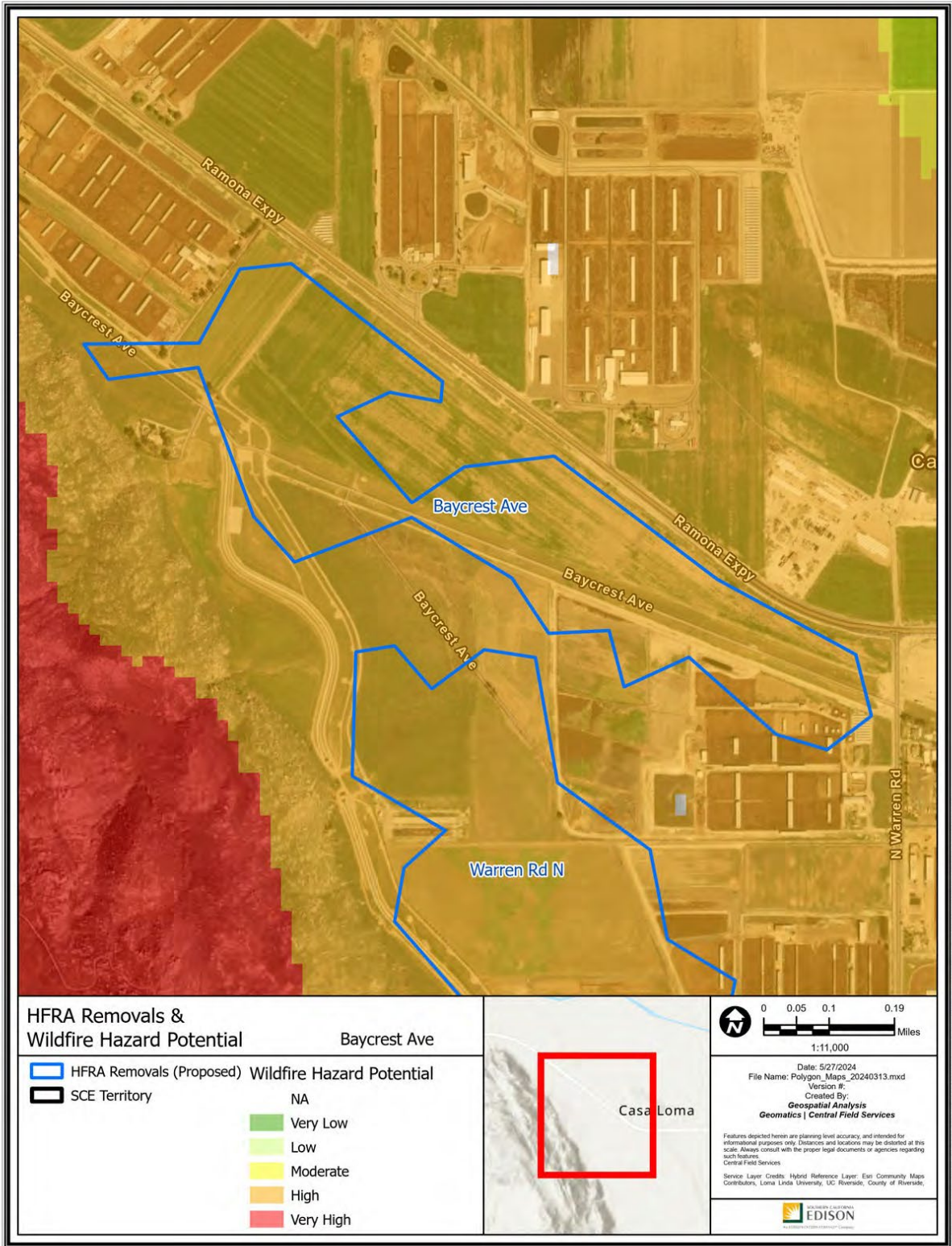
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 2.5% | 97.5% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.53 | 0 | 0 | 0 | 0 | 0.53 |

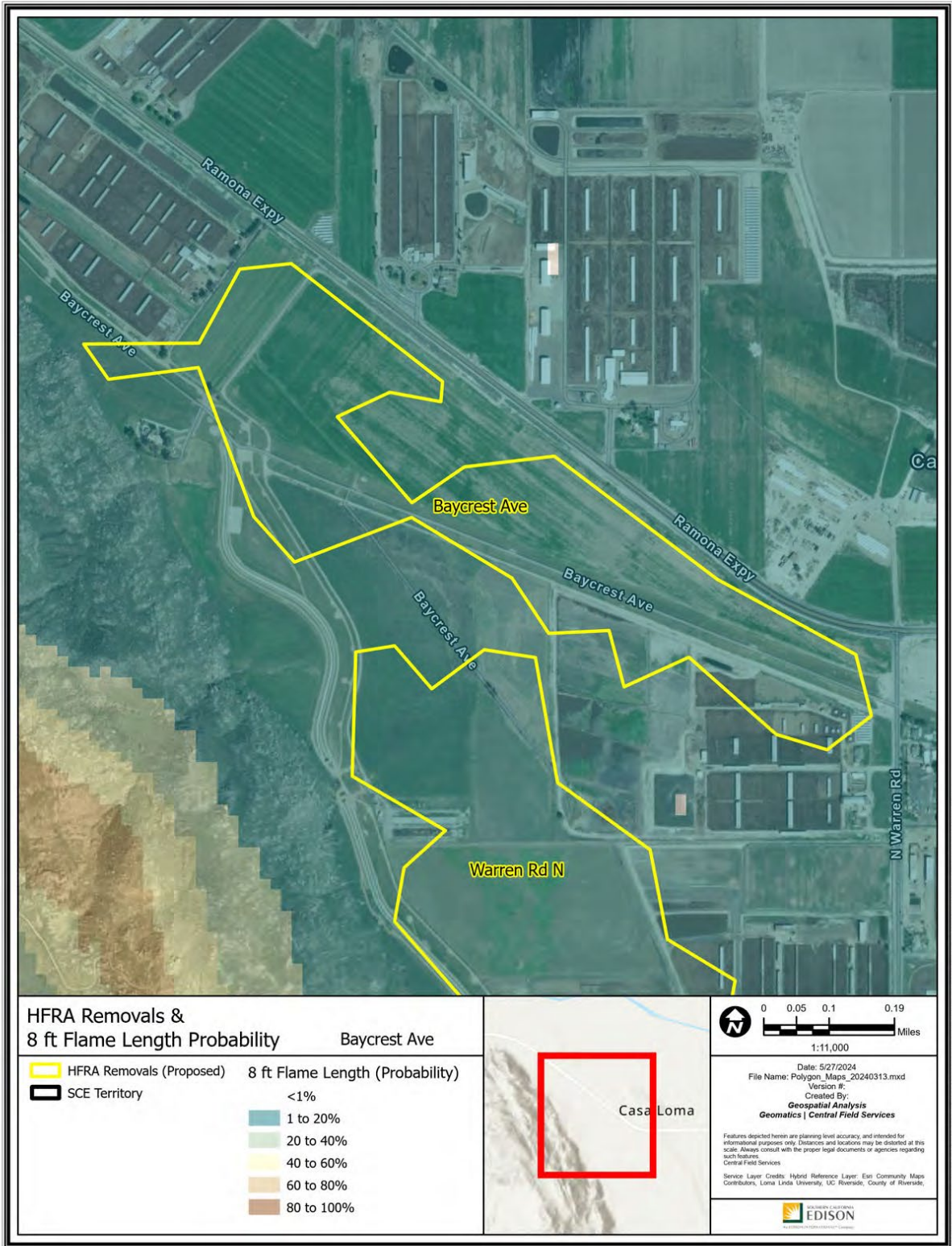
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 0.54° | 4: High | 3% |

Recommendation:

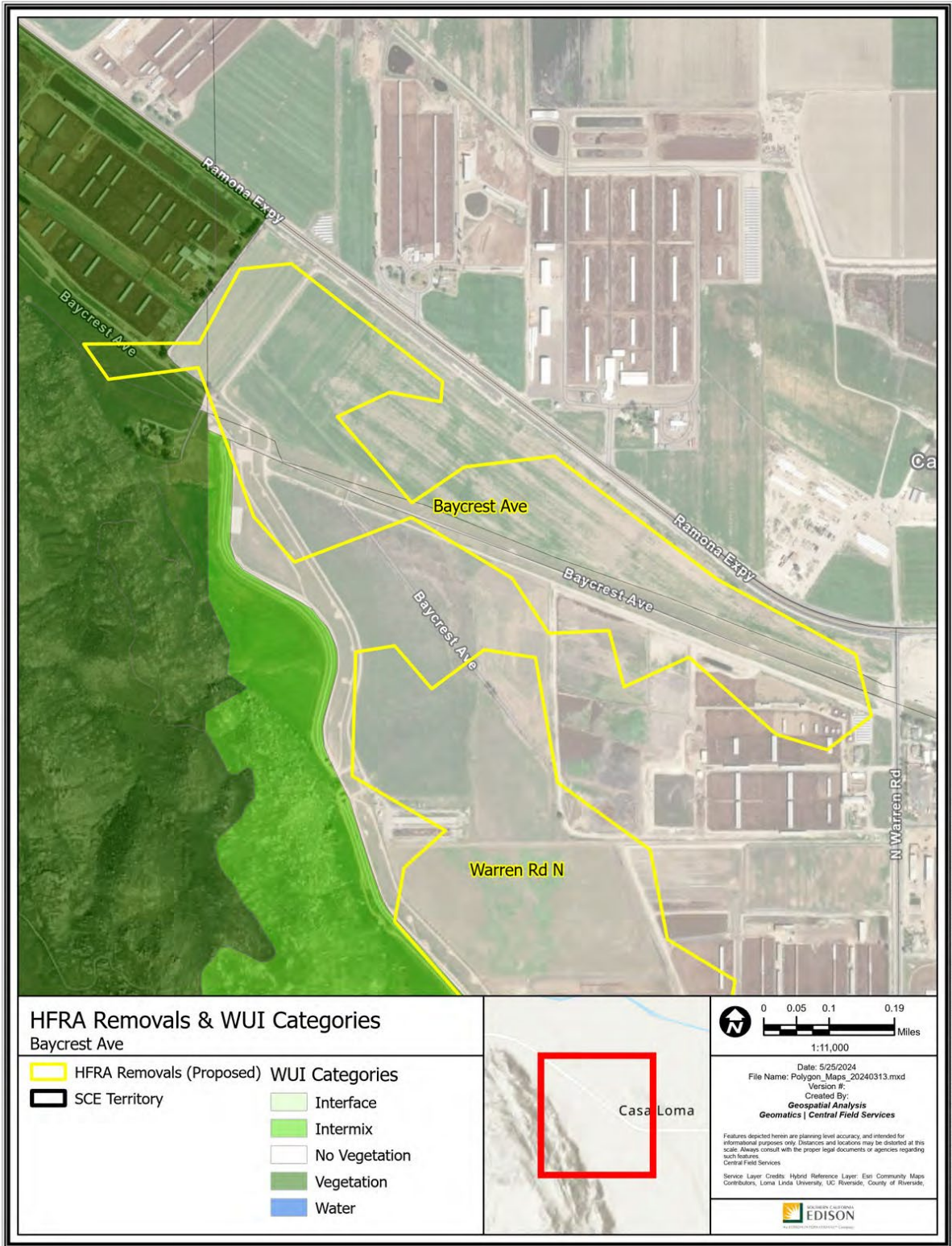
SCE proposes to remove the Baycrest Ave polygon from the HFTD. This recommendation would exclude primarily agricultural fields that, even if left fallow, would not provide significant fuel. The proposed updated HFTD boundary would align the polygon’s designation with the terrain and existing non-HFTD agricultural area to the east.



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Baycrest Ave

- | | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



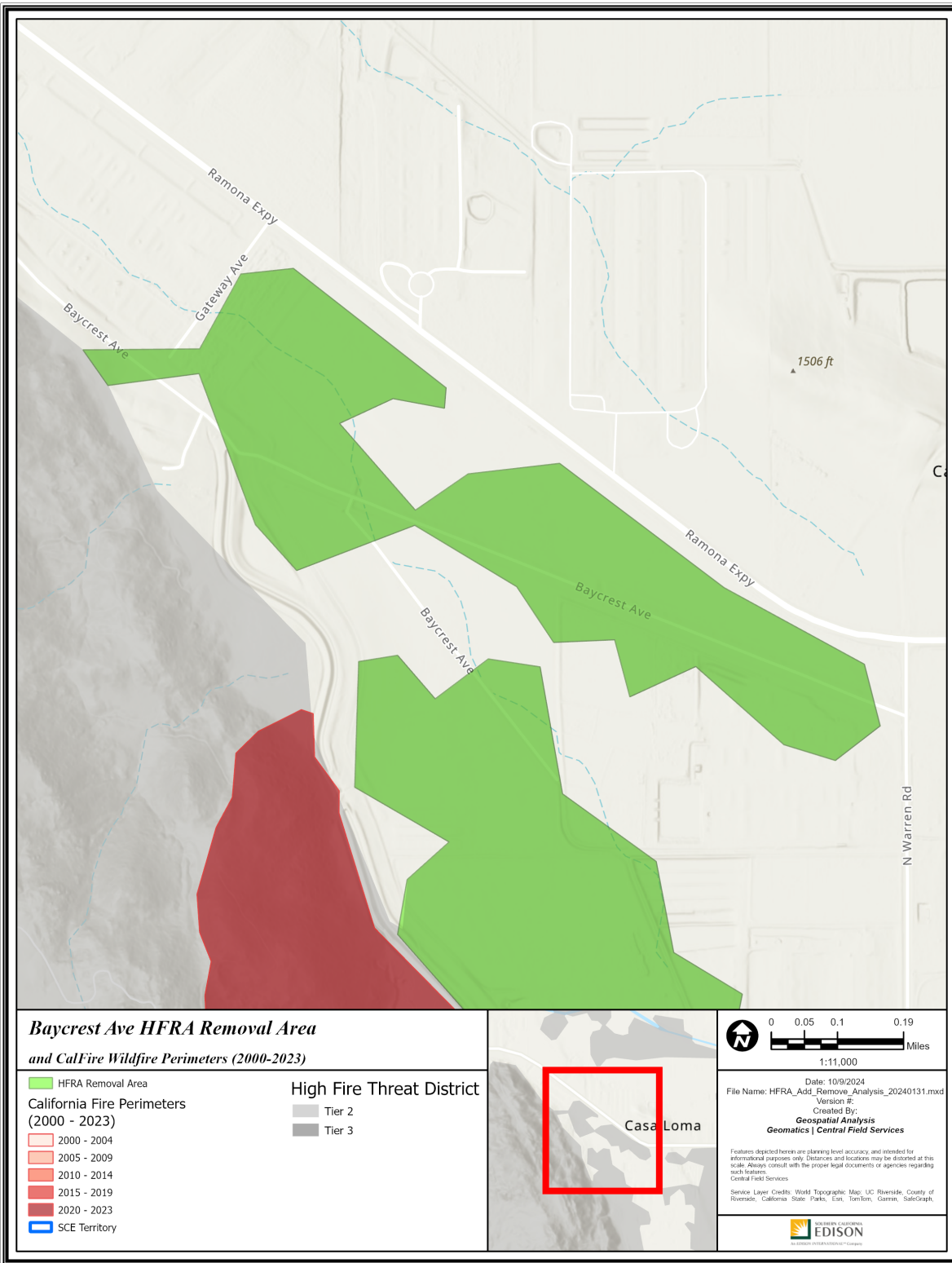
0 0.05 0.1 0.19 Miles
1:11,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
Central Field Services

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, Loma Linda University, UC Riverside, County of Riverside,

Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Baycrest Ave HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**


- | | |
|--|--|
| ■ HFRA Removal Area | High Fire Threat District |
| California Fire Perimeters (2000 - 2023) | Tier 2 |
| 2000 - 2004 | Tier 3 |
| 2005 - 2009 | |
| 2010 - 2014 | |
| 2015 - 2019 | |
| 2020 - 2023 | |
| SCE Territory | |



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #: 1
 Created By: Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map, UC Riverside, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph.



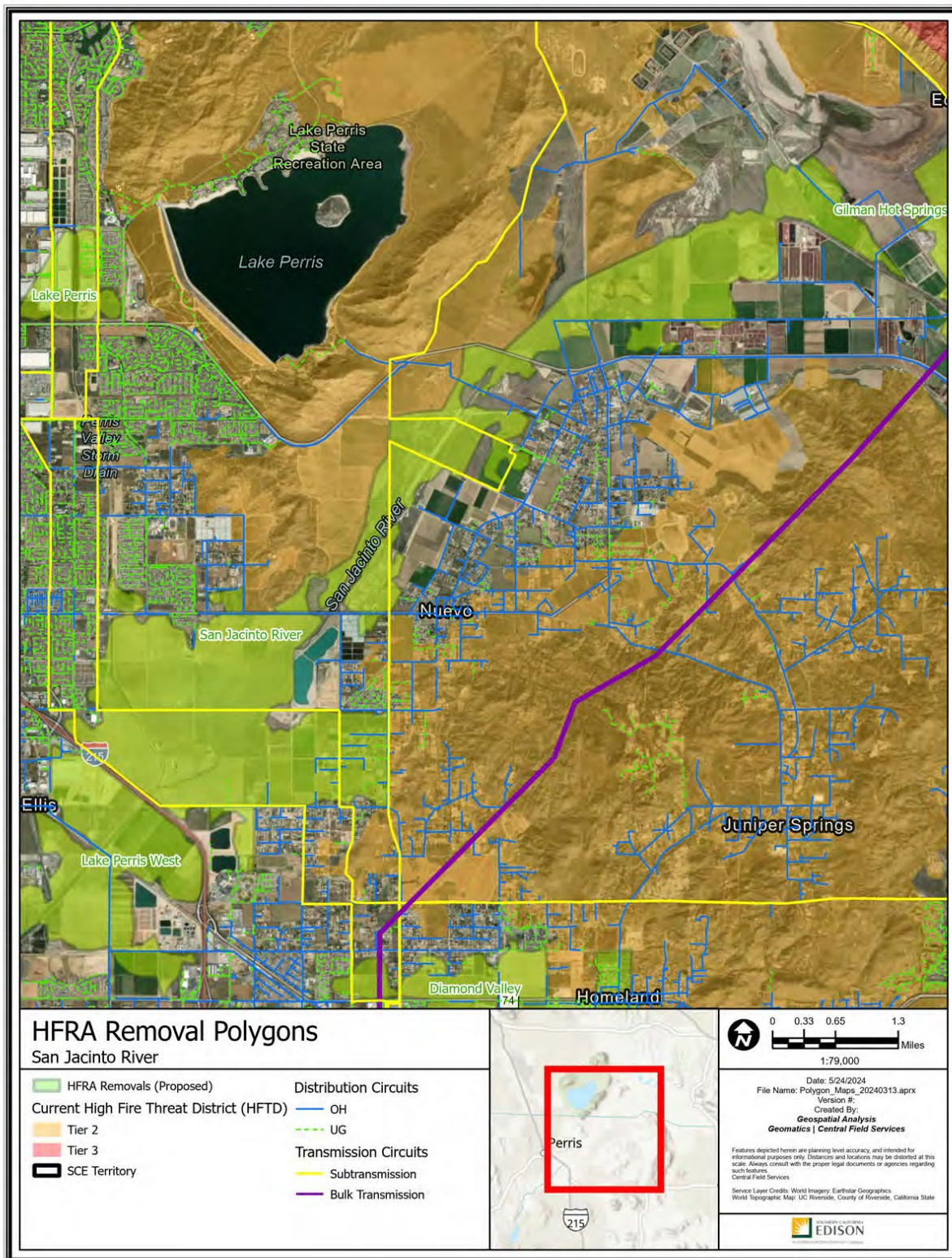
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R53 – San Jacinto River

Riverside County

-117.155389, 33.811083

6,160 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---|
| 84.7% | Agricultural High Load Fuels with Seasonal Changes of its Burnability |
| 5.9% | Low Load Dry Climate Grass |
| 5.5% | Moderate Load Dry Climate Grass Shrub |
| 2.1% | Minor Roads Surrounded by Low Fire Behavior Fuel |

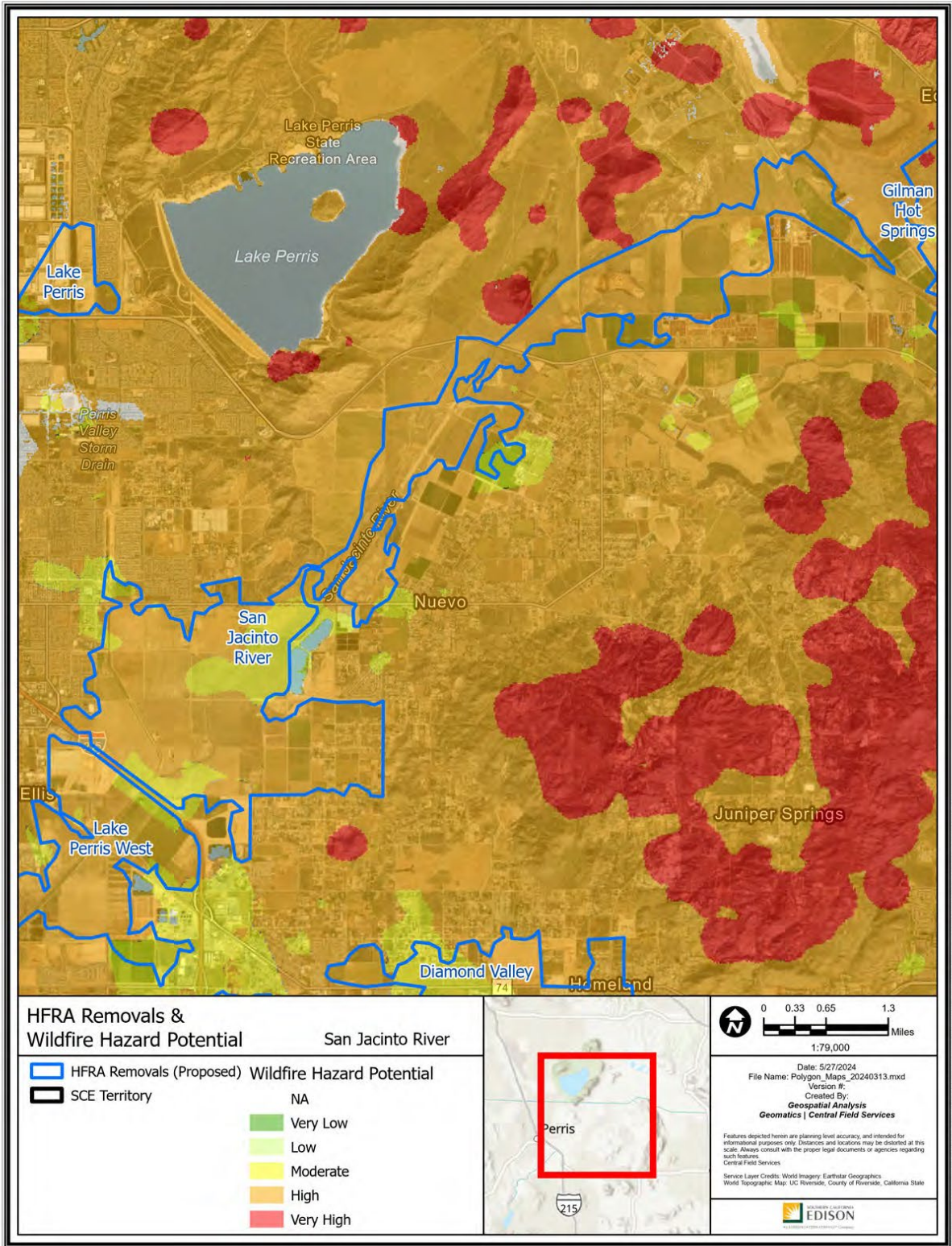
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 12.7% | 4.9% | 81.9% | 0.5% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 13.51 | 1.39 | 12.15 | 0 | 0 | 27.05 |

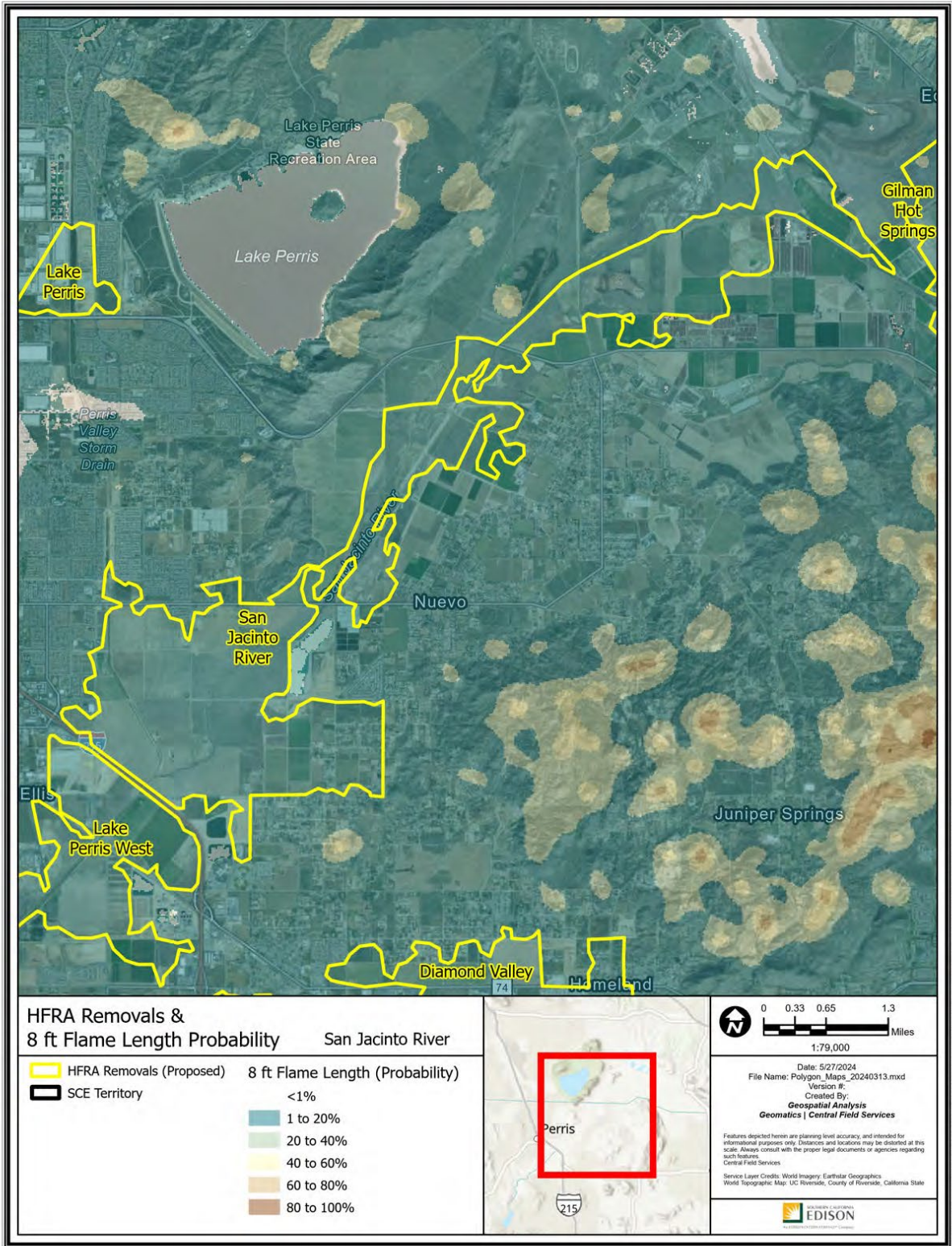
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 182 | 0.24° | 4: High | 3% |

Recommendation:

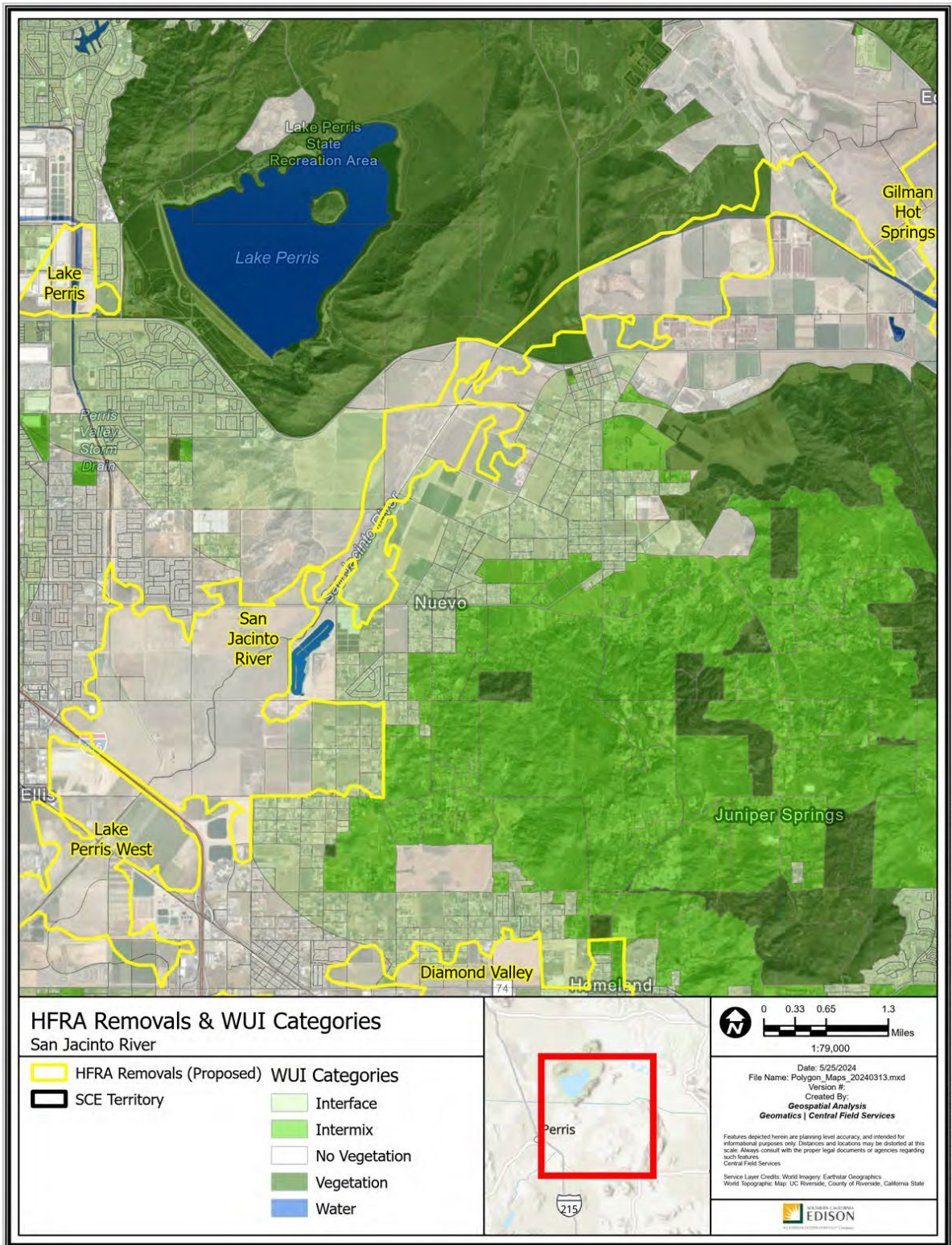
SCE proposes to remove the San Jacinto River polygon from the HFTD. This recommendation would exclude primarily agricultural fields in the lower elevation area between the two mountainous regions that, even if left fallow, would not provide significant fuel. Additionally, it would remove areas that have been urbanized or are currently under development.



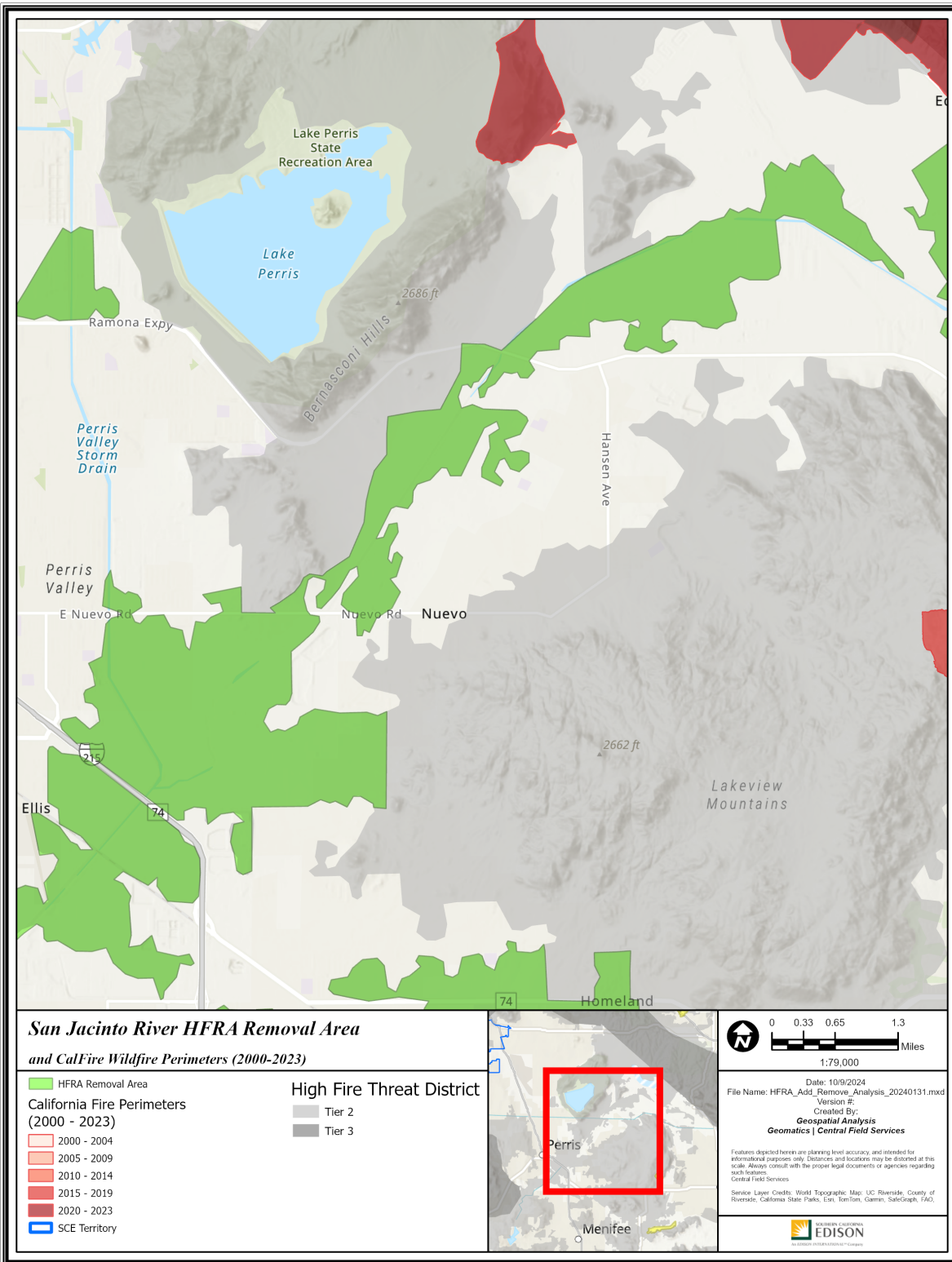
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.mxd



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



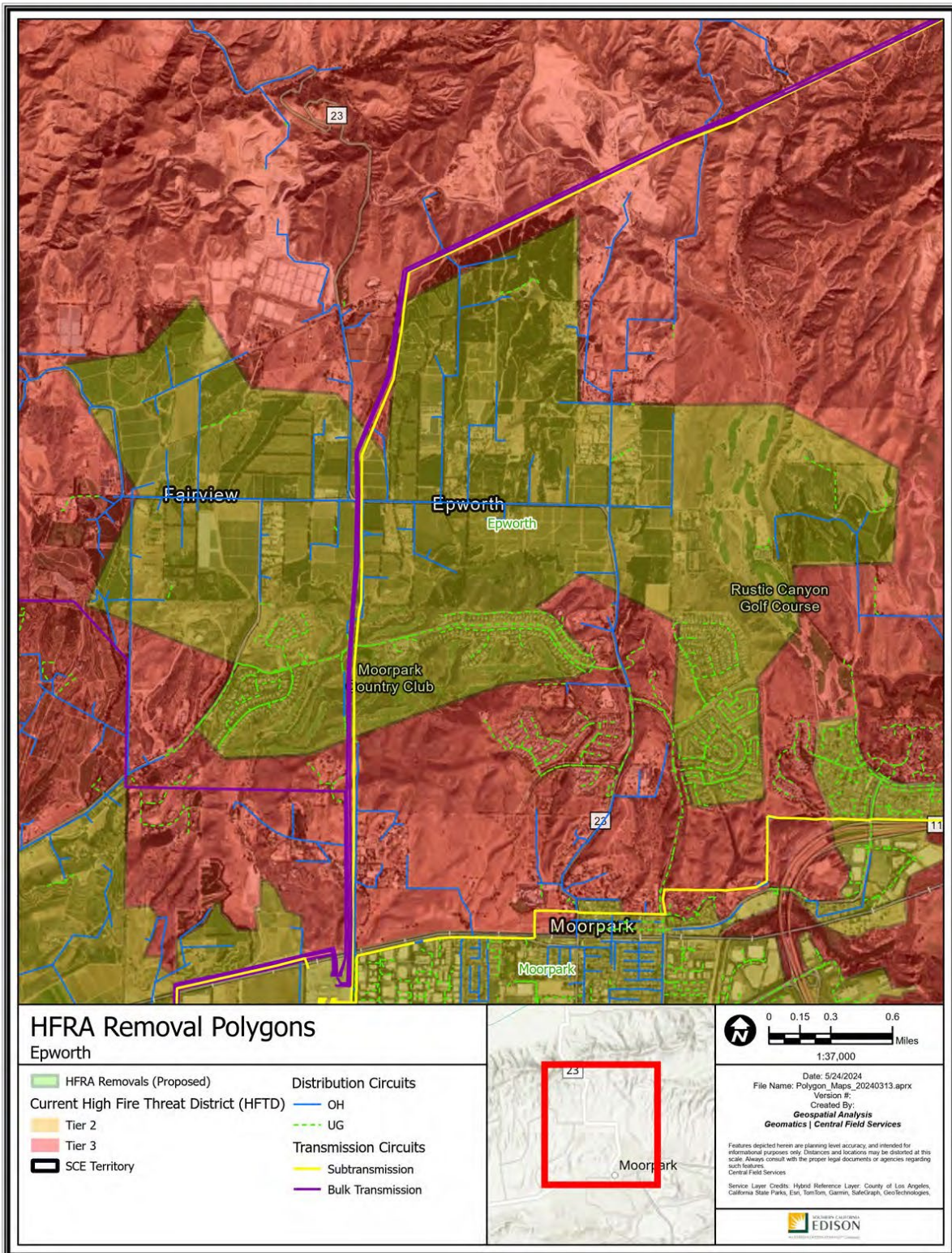
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R54 – Epworth

Ventura County

-118.892212, 34.313832

3,758 Acres



Path: P:\PROJECTS\Spatial_Projects\HFRA_Terrason_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 44.1% | Agricultural Fields Maintained in a Non Burnable Condition |
| 23.9% | Moderate Load Dry Climate Grass Shrub |
| 12.0% | Golf Courses Non Burnable |
| 6.1% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 15.6% | 39.0% | 35.1% | 10.2% | 0.1% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 17.13 | 19.23 | 1.72 | 0 | 6.06 | 44.14 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 1,157 | 3.8° | 4: High | 9% |

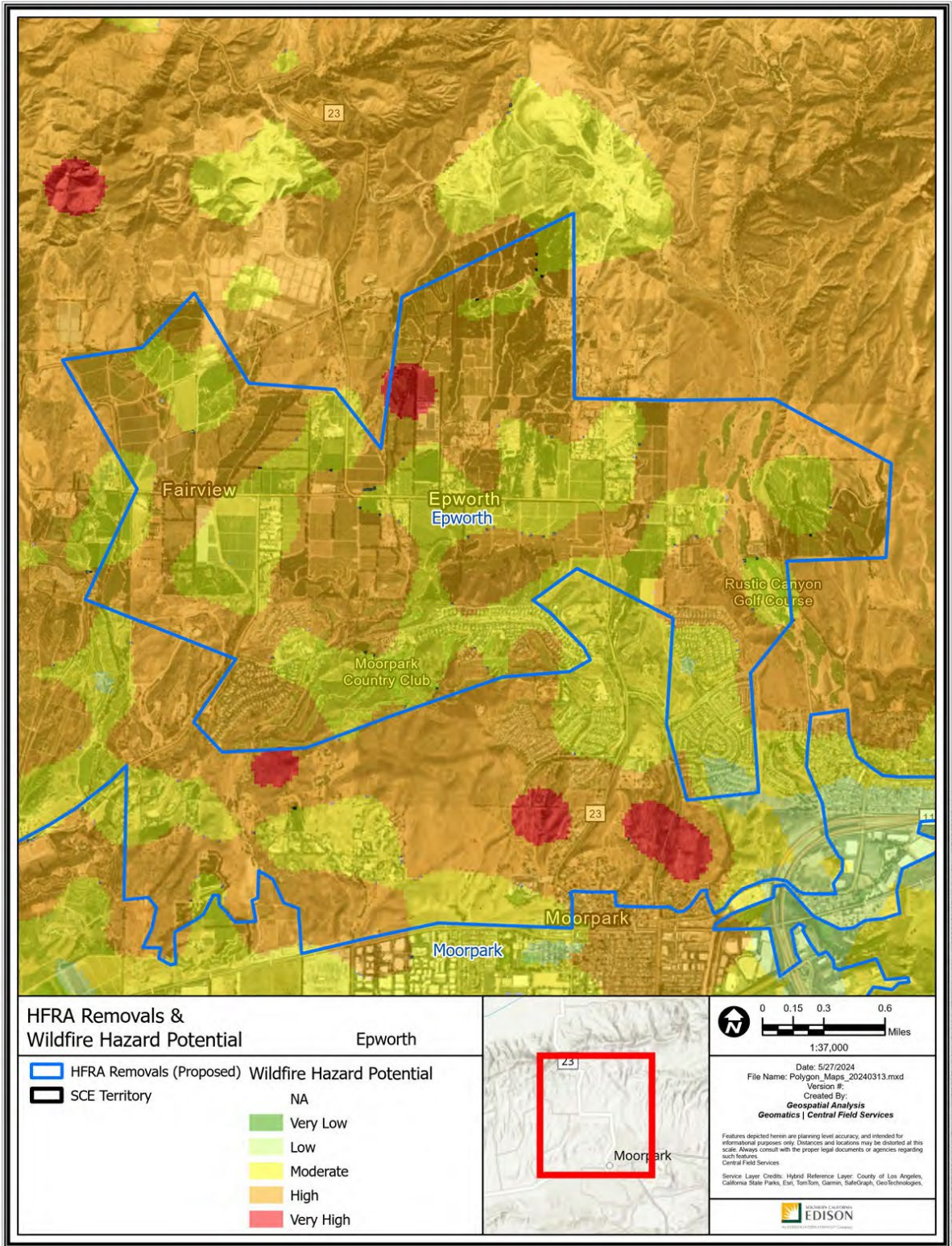
This removal features some areas that met threshold levels of IWMS criteria:

- The polygon overlaps with regions that have high wind exposure.

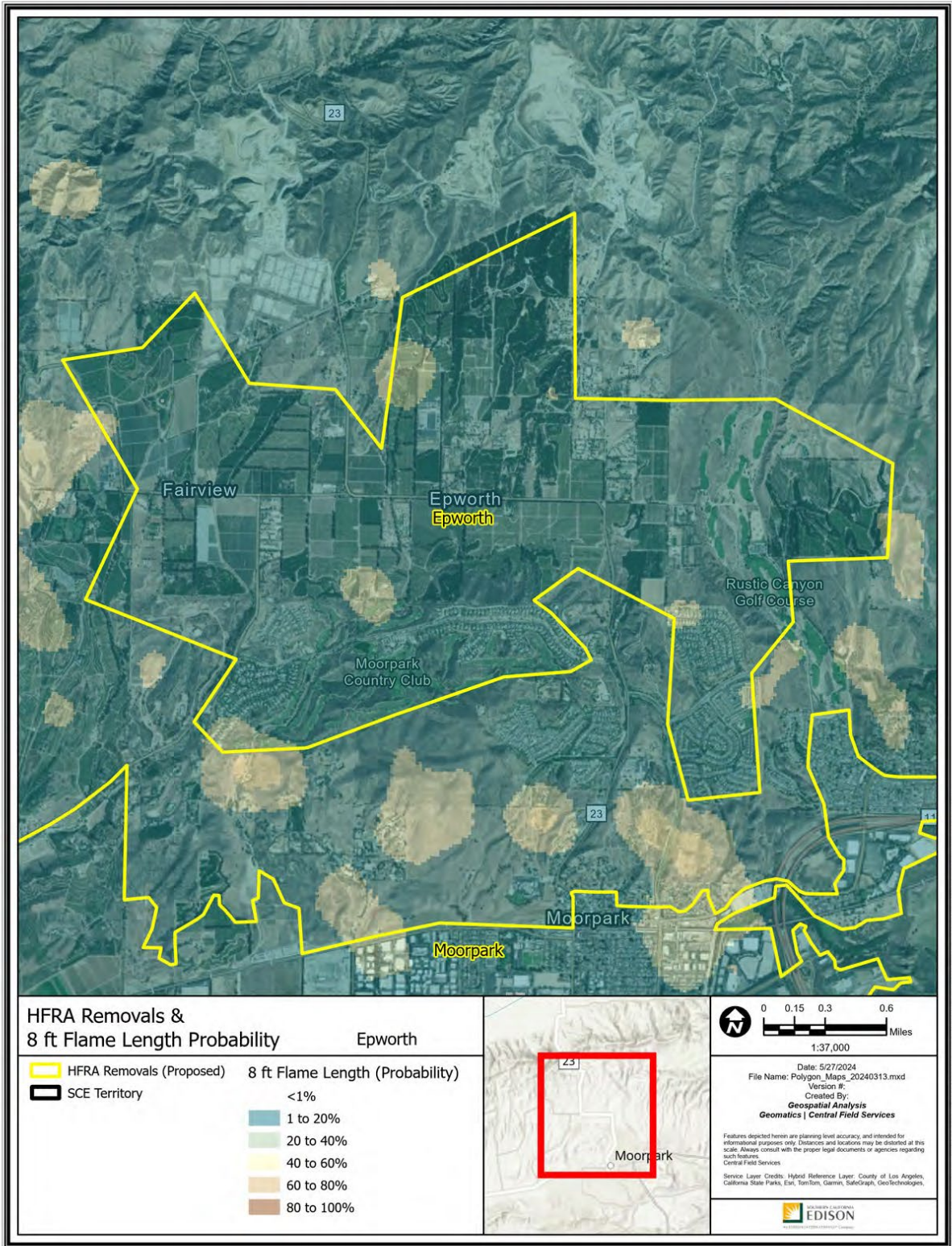
Recommendation:

SCE proposes to remove the Epworth polygon from the HFTD. Although the polygon is surrounded by complex terrain in Tier 3 HFTD, the proposed removal encompasses agriculture and golf courses that present no wildfire risk. In particular:

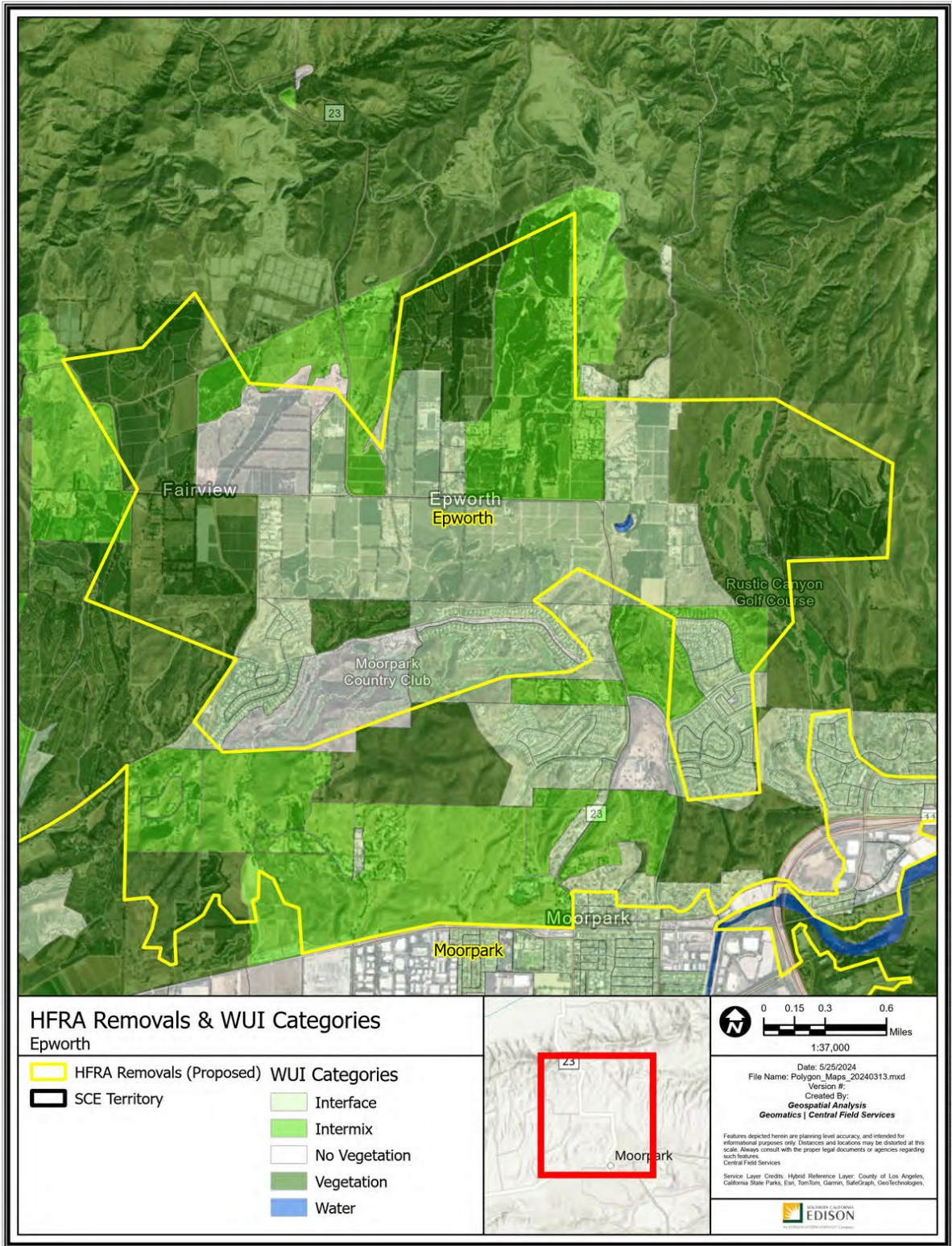
1. The land use and vegetation in the polygon match characteristics of urban and rural areas.
2. The polygon consists of agricultural lands that, even if left fallow, would not contribute significant fuel.
3. Farm plots and golf courses in the polygon are well irrigated and maintained, presenting limited risk of spreading wildfire to bordering rural and suburban areas.
4. The polygon’s boundaries were drawn along the edge of irrigated agriculture, golf courses, and neighborhoods.



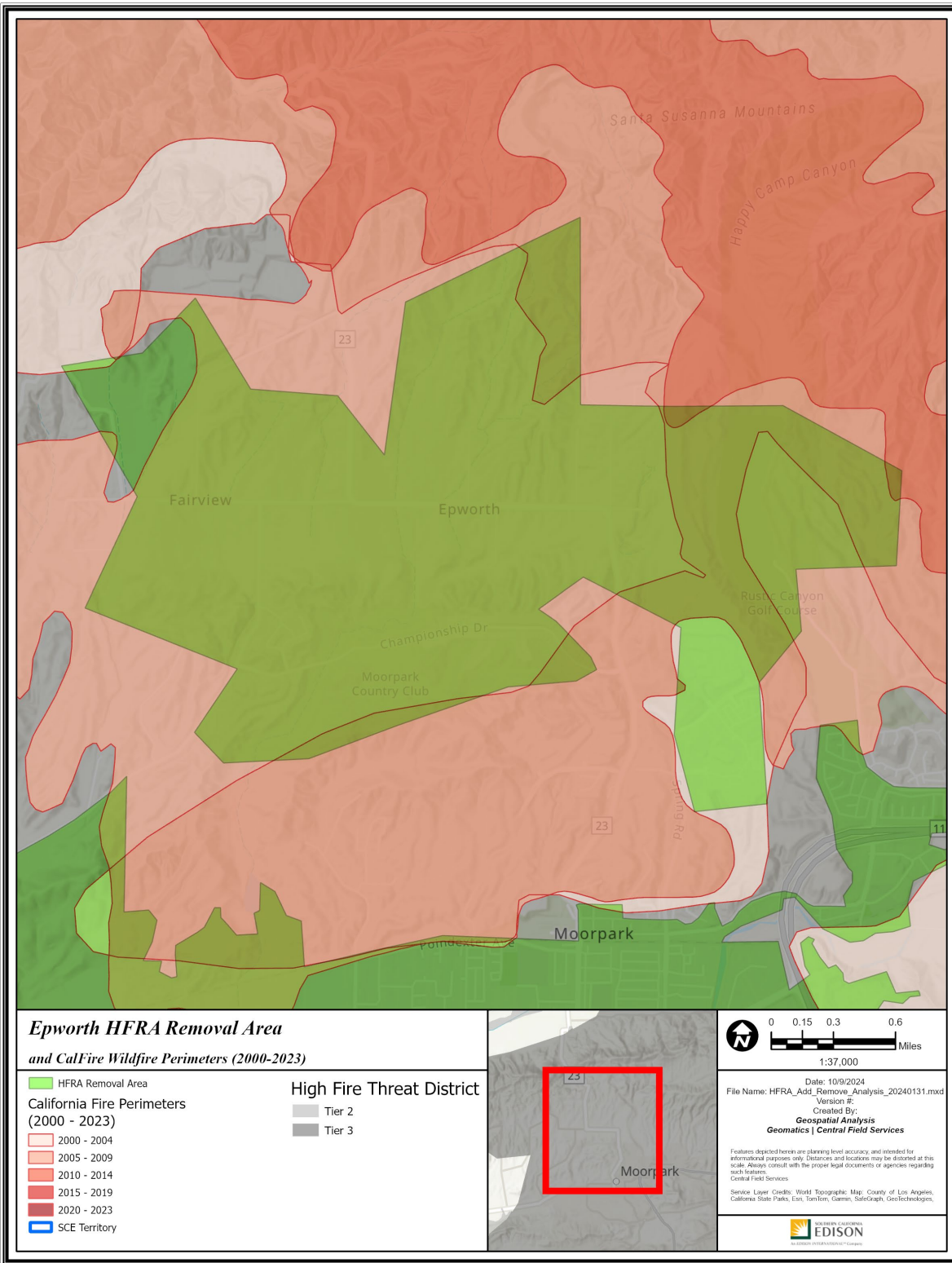
Path: P:\PROJ\GIS\Special_Analysis\Map_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



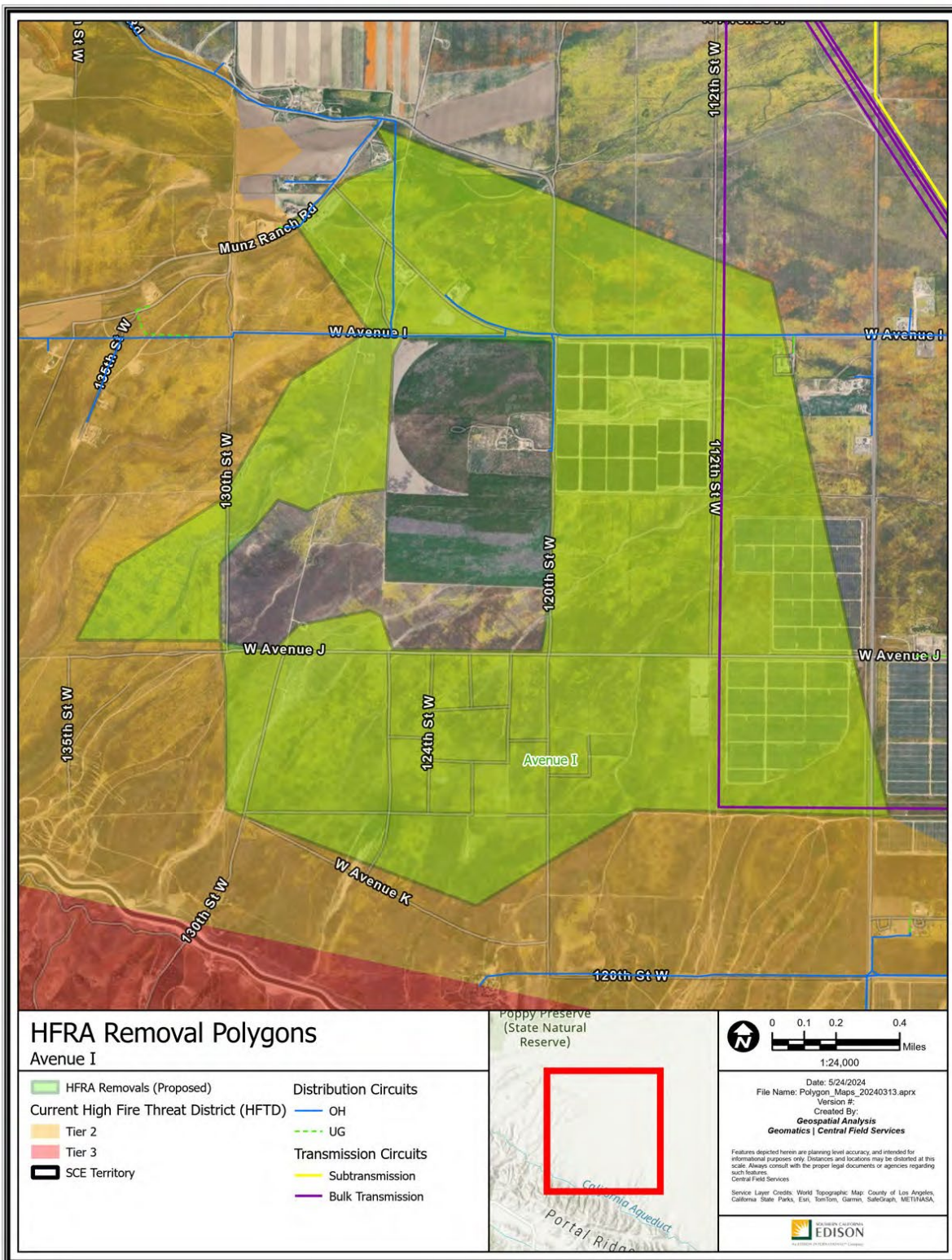
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Addl_Remove_Analysis_20240131.aprx

R55 – Avenue I

Los Angeles County
 -118.342682, 34.693678
 1,925 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 97.7% | Moderate Load Dry Climate Grass Shrub |
| 0.9% | Low Load Dry Climate Grass |
| 0.6% | Low Load Dry Climate Shrub |
| 0.6% | Minor Roads Surrounded by Low Fire Behavior Fuel |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 2.0% | 0.0% | 72.2% | 25.9% | 0.0% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 2.69 | 0 | 0 | 0 | 3.94 | 6.63 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 6 | 1.35° | 3: Moderate | 12% |

This removal features some areas that met threshold levels of IWMS criteria:

- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.

Recommendation:

SCE proposes to remove the Avenue I polygon from the HFTD. This recommendation is intended to exclude several solar panel installations situated among grassy fields from the HFTD. In particular:

1. The proposed removal encompasses large maintained solar fields without the presence of burnable fuels.
2. Vegetation in the polygon is limited to short grasses on simple terrain with limited wildfire risk.
3. The boundary of the polygon was drawn along the boundary of solar fields with natural dirt road firebreaks.

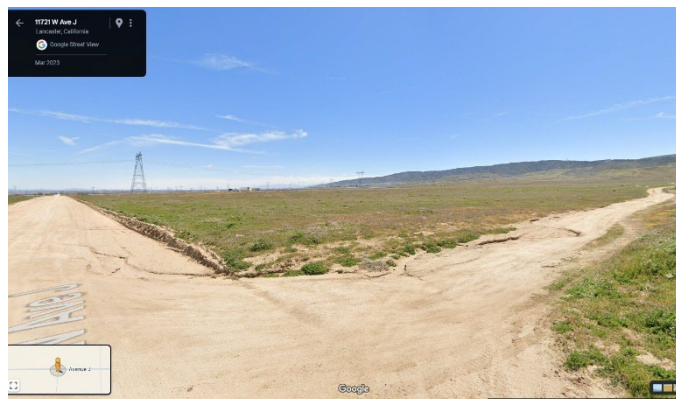
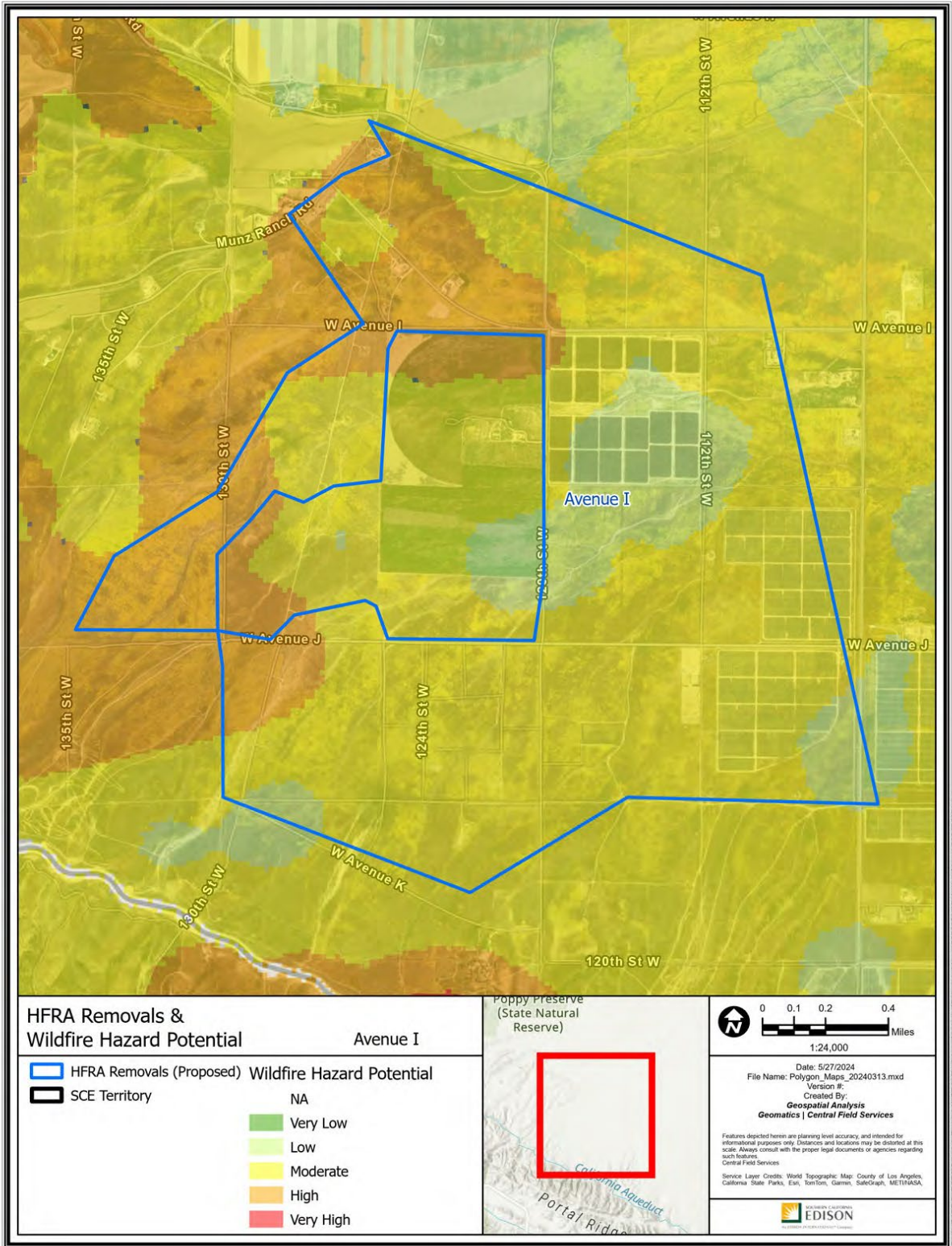
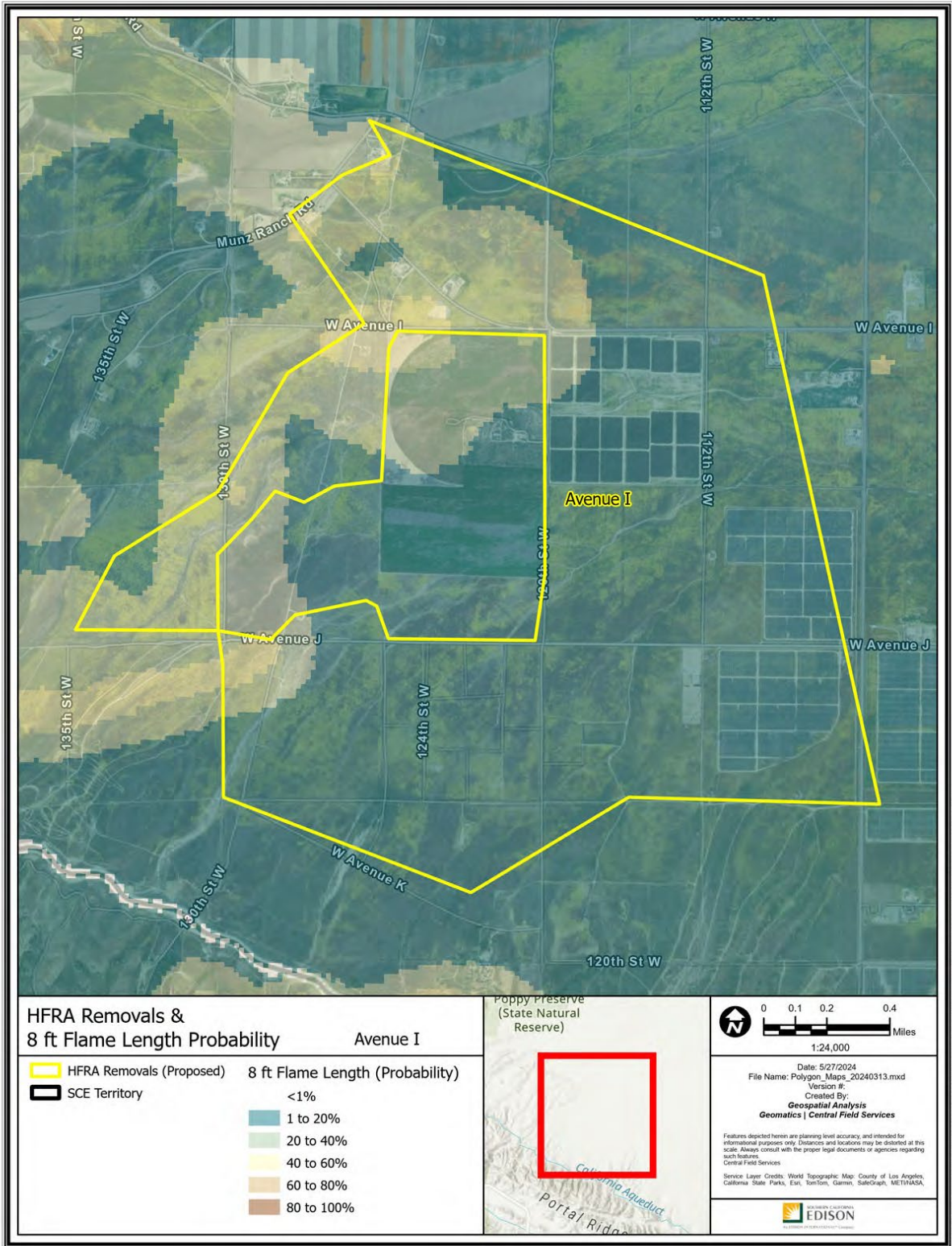


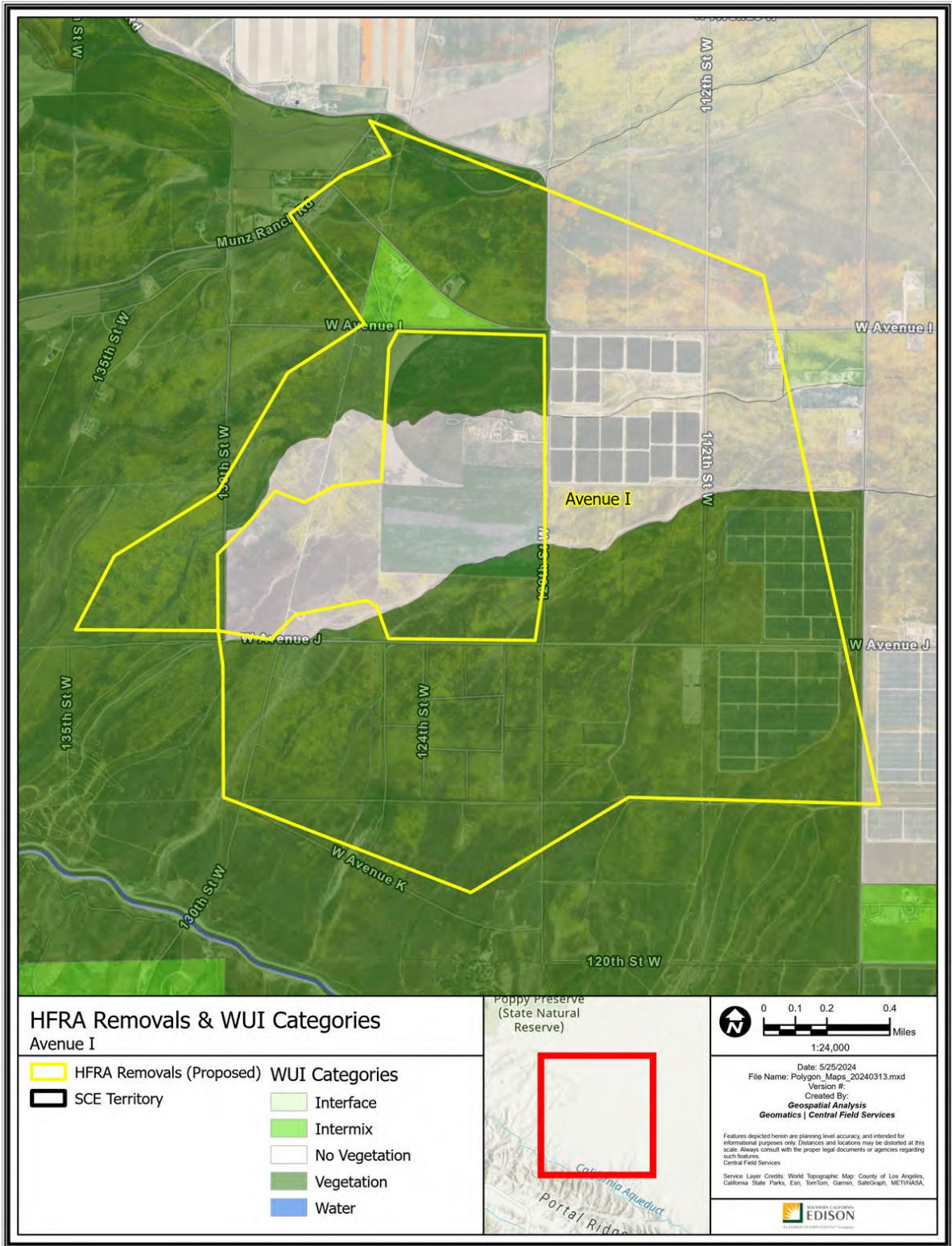
Figure 9 - Avenue I - Google Street View 3/2023



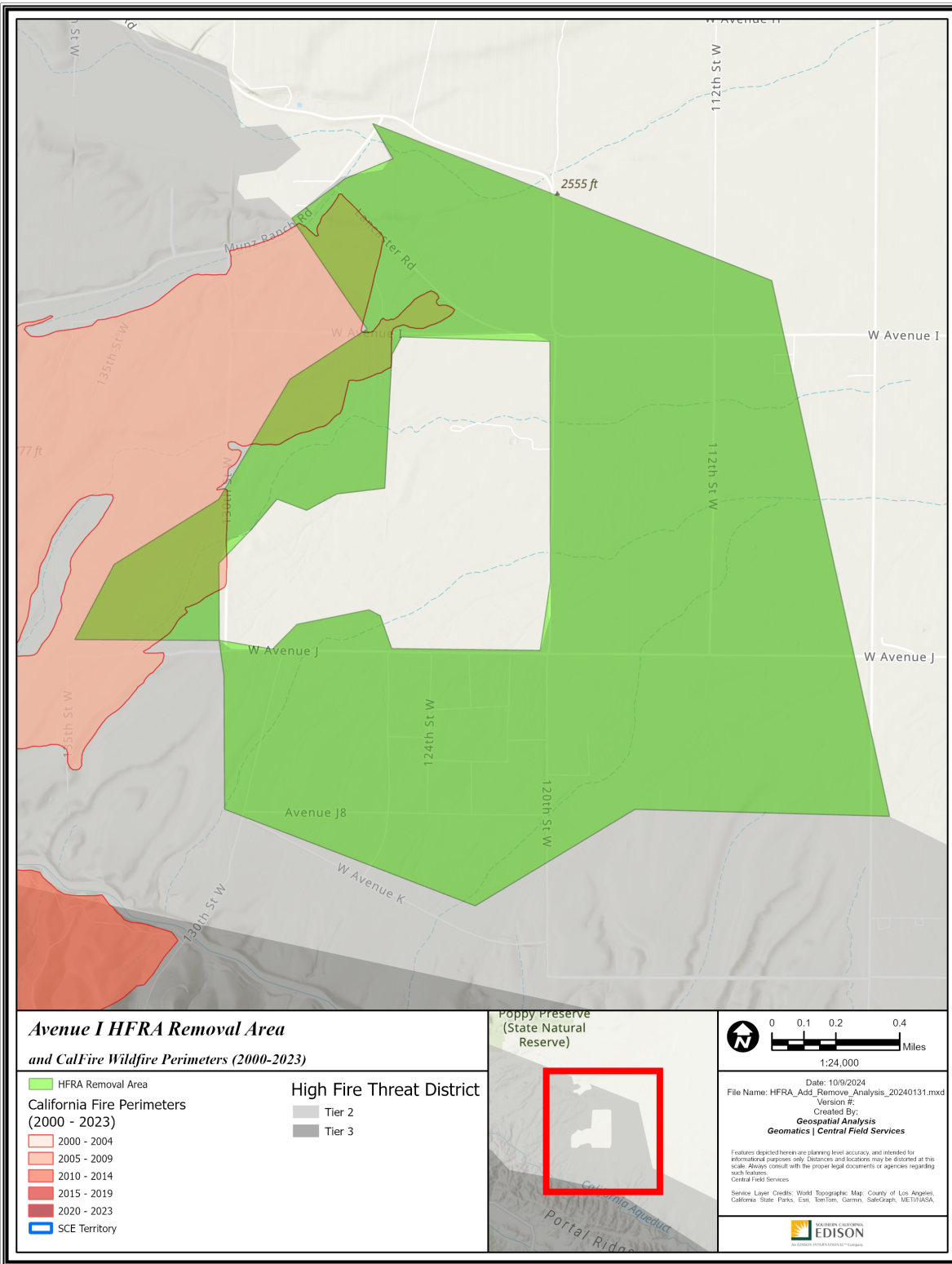
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx

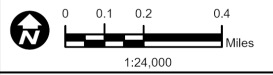


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



**Avenue I HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---|--|
| ■ HFRA Removal Area | High Fire Threat District |
| California Fire Perimeters (2000 - 2023) | Tier 2 |
| 2000 - 2004 | Tier 3 |
| 2005 - 2009 | |
| 2010 - 2014 | |
| 2015 - 2019 | |
| 2020 - 2023 | |
| SCE Territory | |



Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: World Topographic Map: County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, METI/USA.

Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

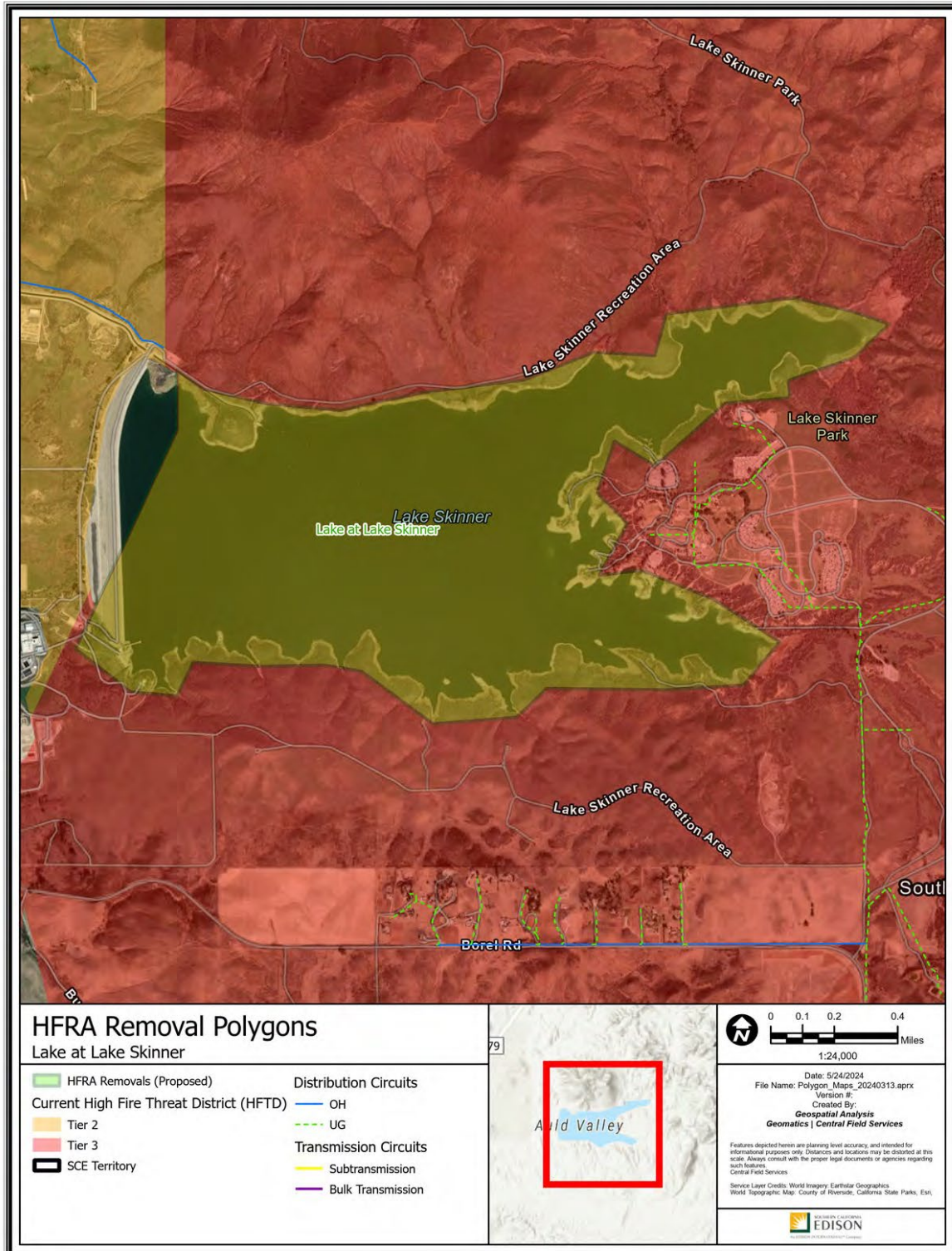
Bodies of Water

R56 – Lake at Lake Skinner

Riverside County

-117.053858, 33.588207

1,161 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 79.6% | Water Bodies |
| 13.2% | Moderate Load Dry Climate Grass Shrub |
| 3.4% | Low Load Humid Climate Timber Shrub |
| 1.5% | Bare Ground |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 34.4% | 0.0% | 65.6% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0 | 0 | 0 | 0 | 0 | 0 |

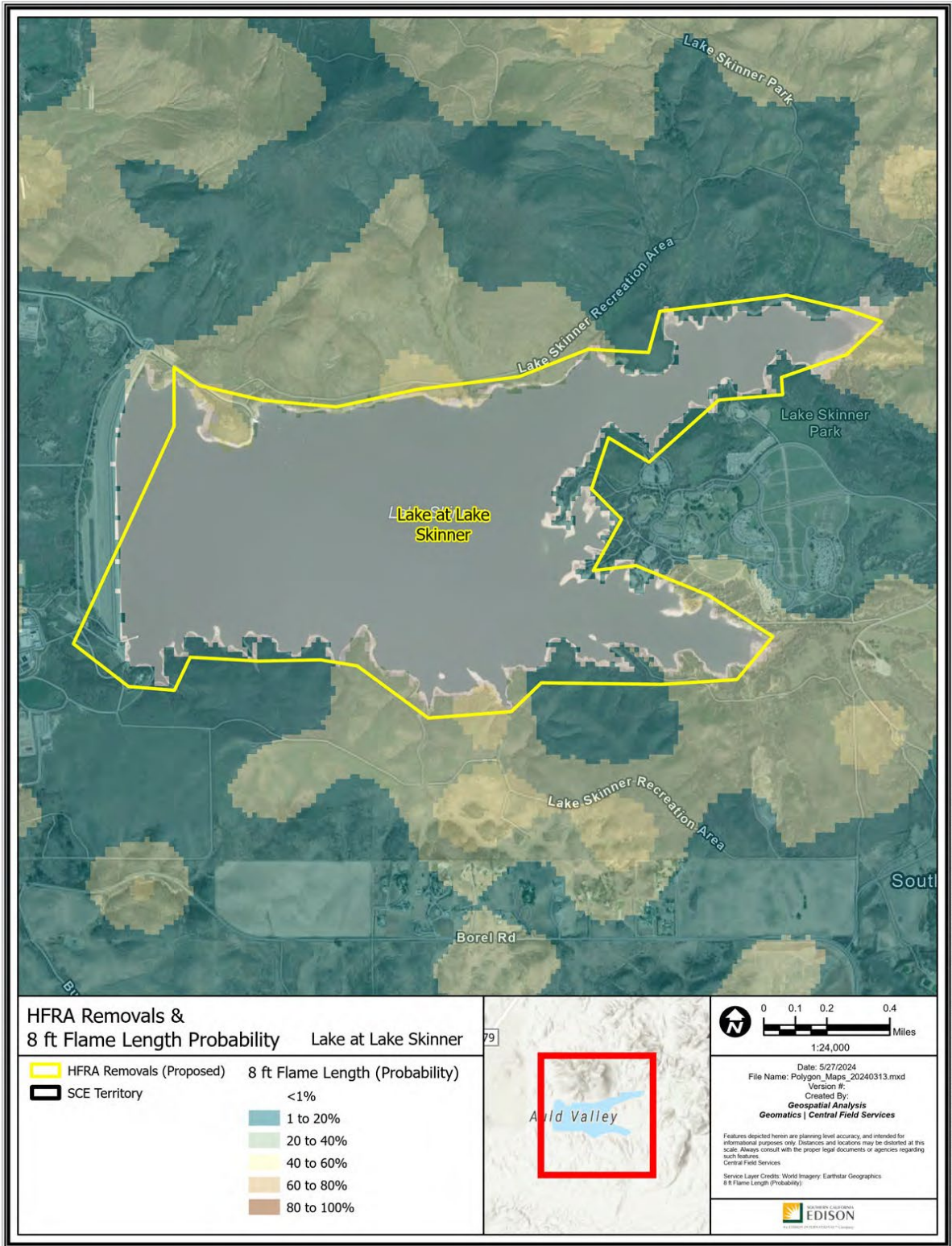
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 1.13° | 4: High | 4% |

Recommendation:

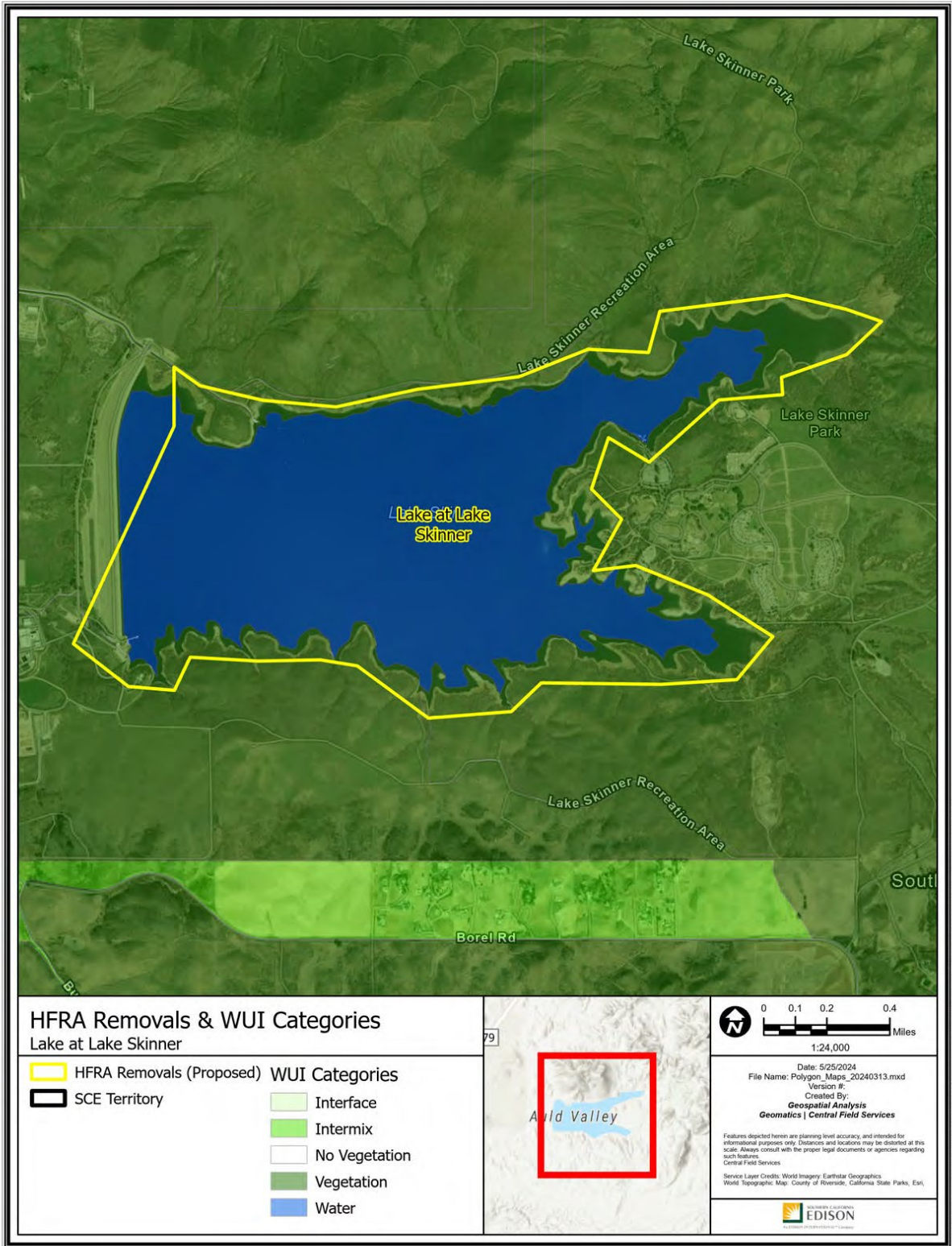
SCE proposes to remove the Lake at Lake Skinner polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.



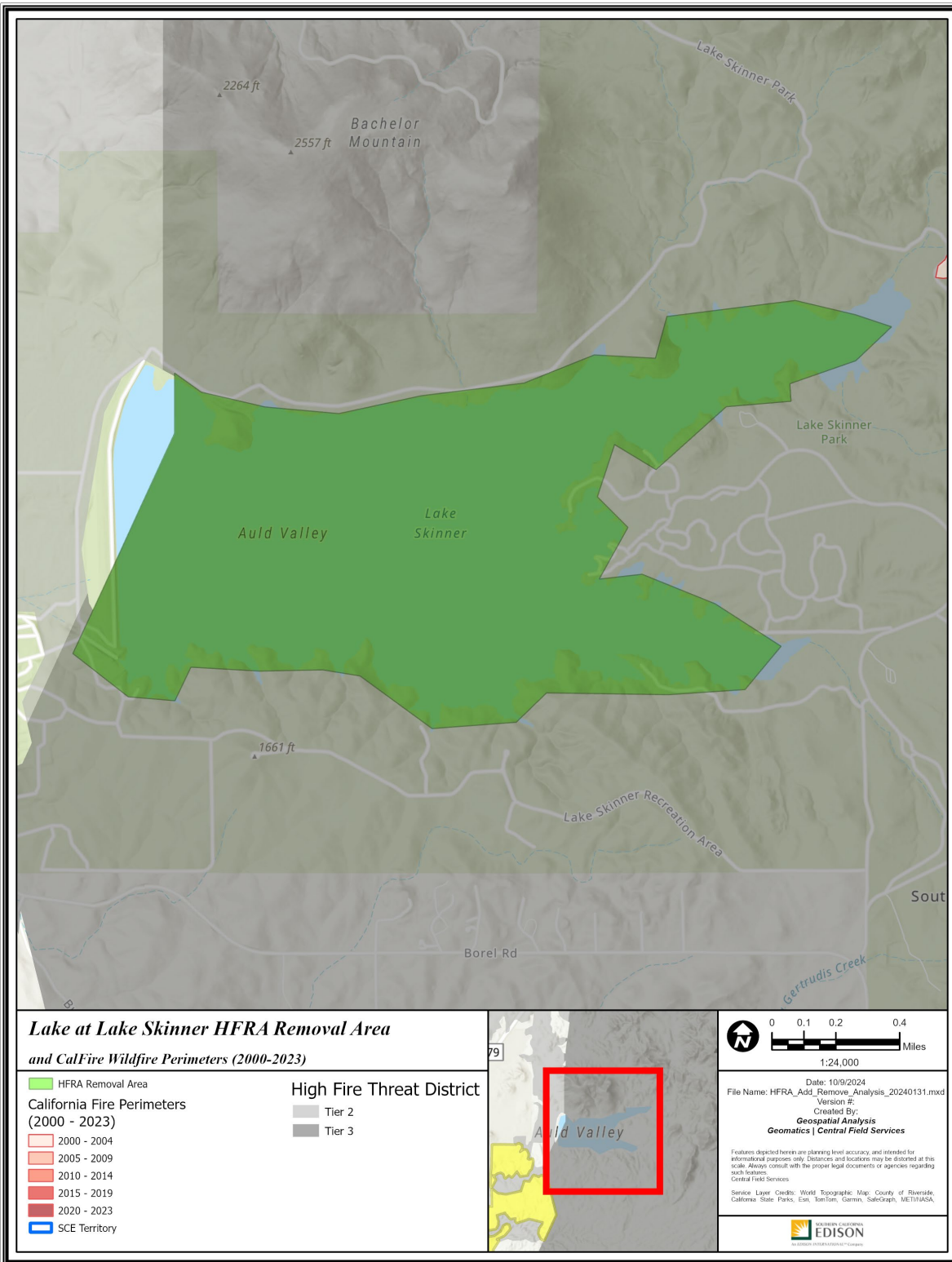
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



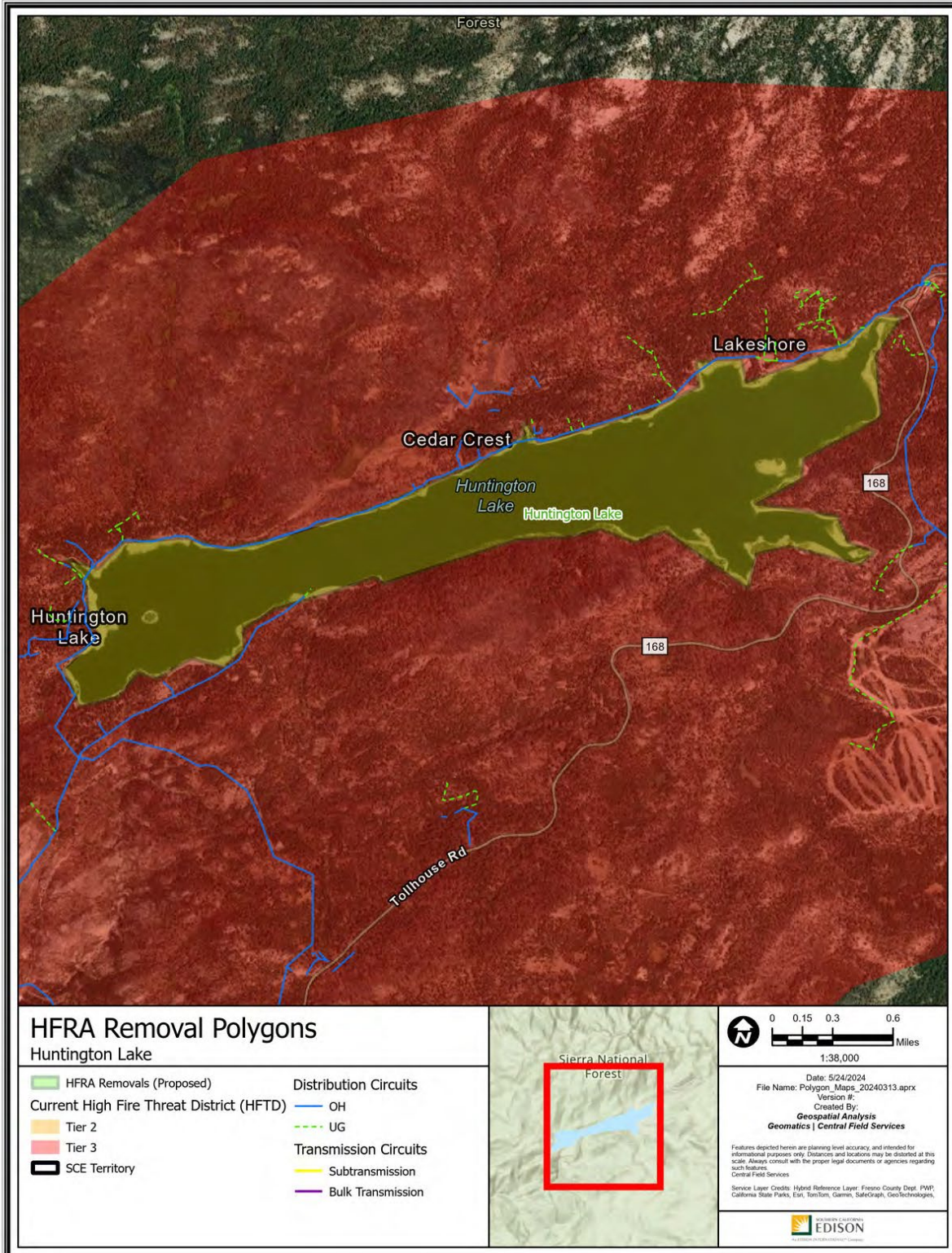
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Auld_Remove_Analysis_20240131.aprx

R57 – Huntington Lake

Fresno County

-119.196158, 37.239907

1,491 Acres



Path: P:\PROJECTS\Spatial_Projects\HFRA_Fresno_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 91.8% | Water Bodies |
| 2.5% | Moderate Load Humid Climate Timber Grass Shrub |
| 2.1% | Moderate Load Dry Climate Grass Shrub |
| 0.8% | Timber Litter |

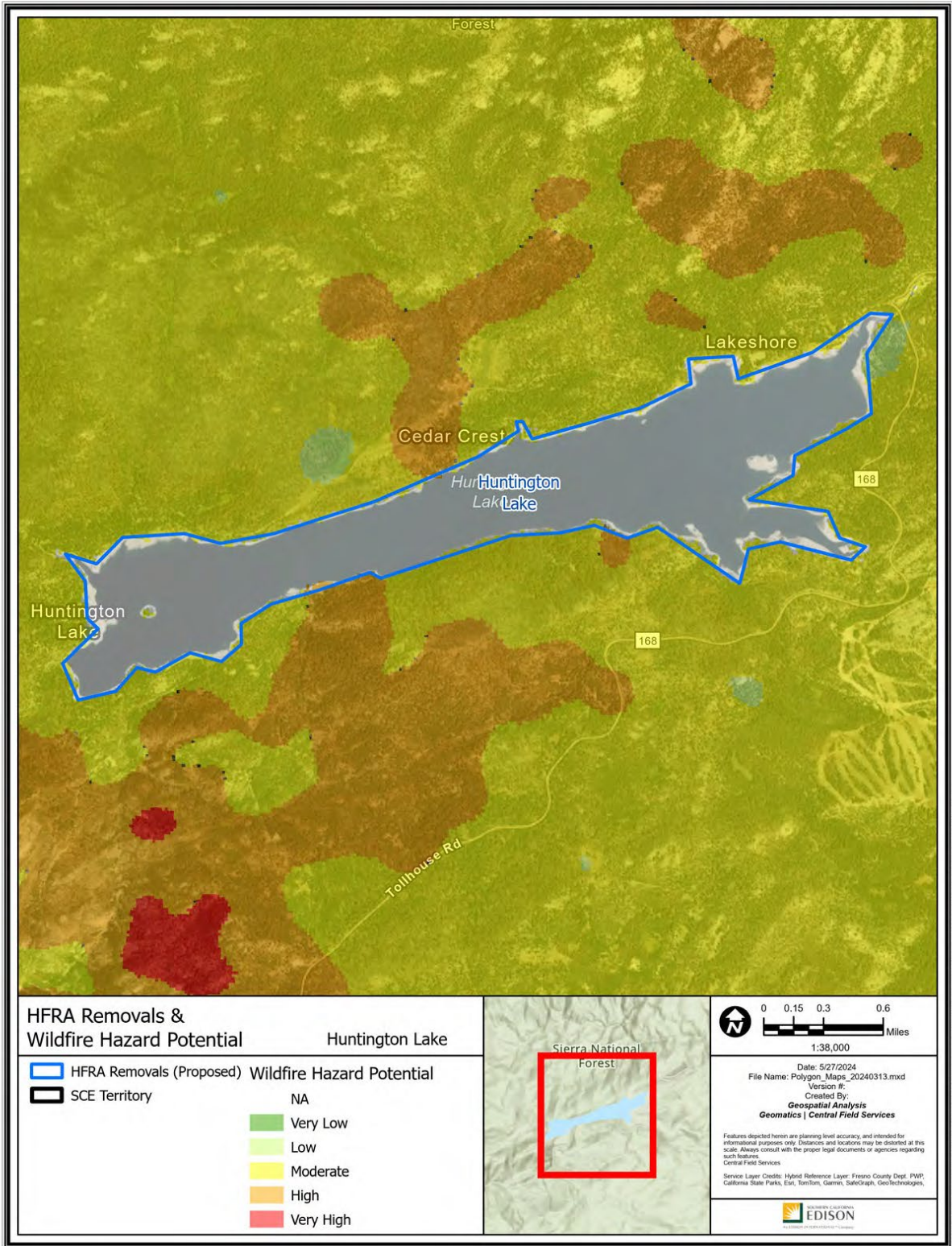
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.9% | 0.0% | 5.1% | 0.2% | 93.8% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 4.31 | 0.57 | 0 | 0 | 0 | 4.88 |

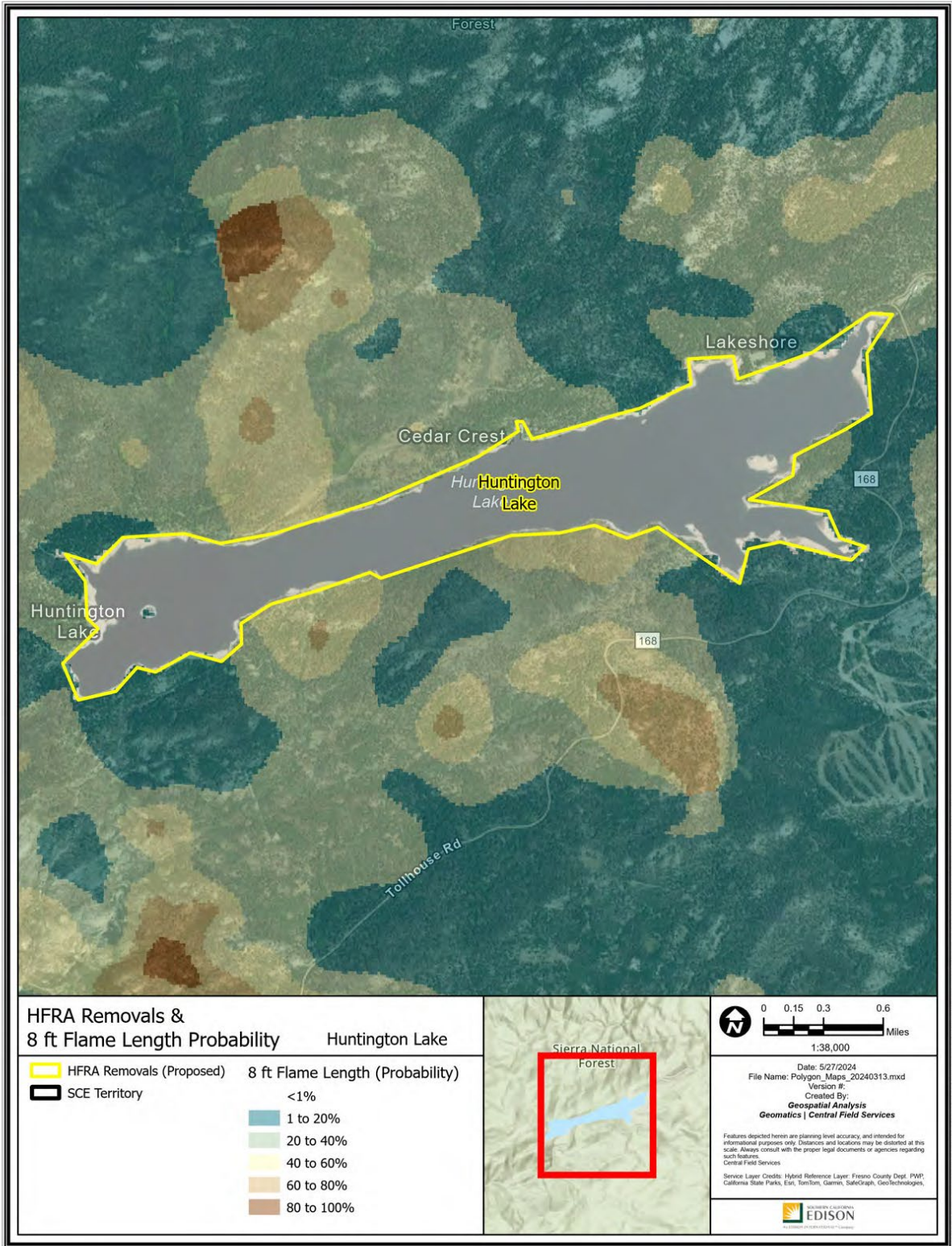
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 1.67° | 1: Very Low | 2% |

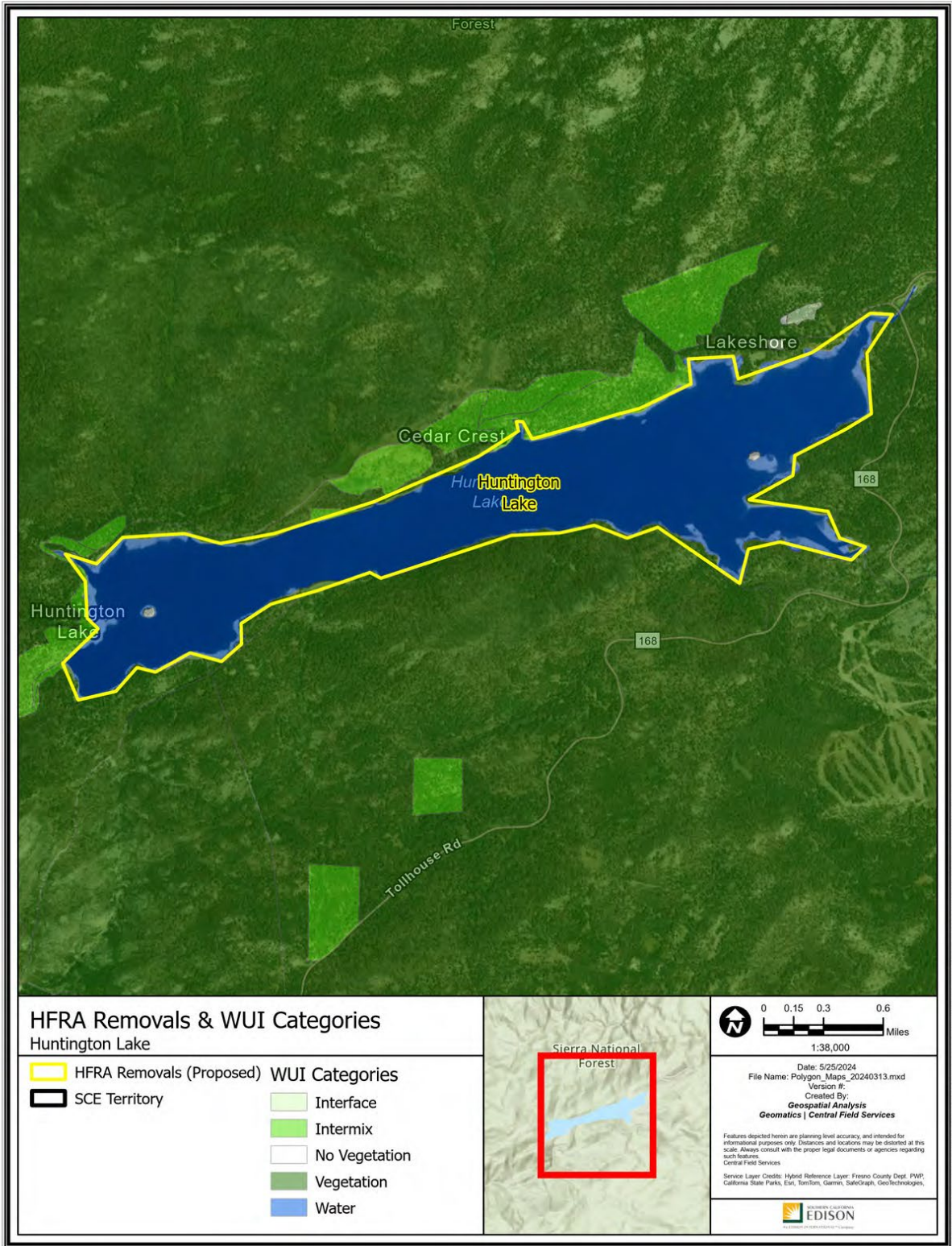
Recommendation:

SCE proposes to remove the Huntington Lake polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.



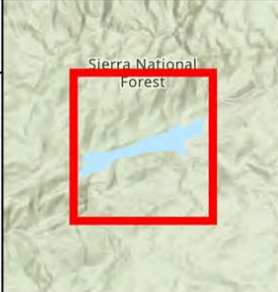
Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx





HFRA Removals & WUI Categories
Huntington Lake

| | |
|--------------------------|---------------|
| HFRA Removals (Proposed) | Interface |
| SCE Territory | Intermix |
| | No Vegetation |
| | Vegetation |
| | Water |



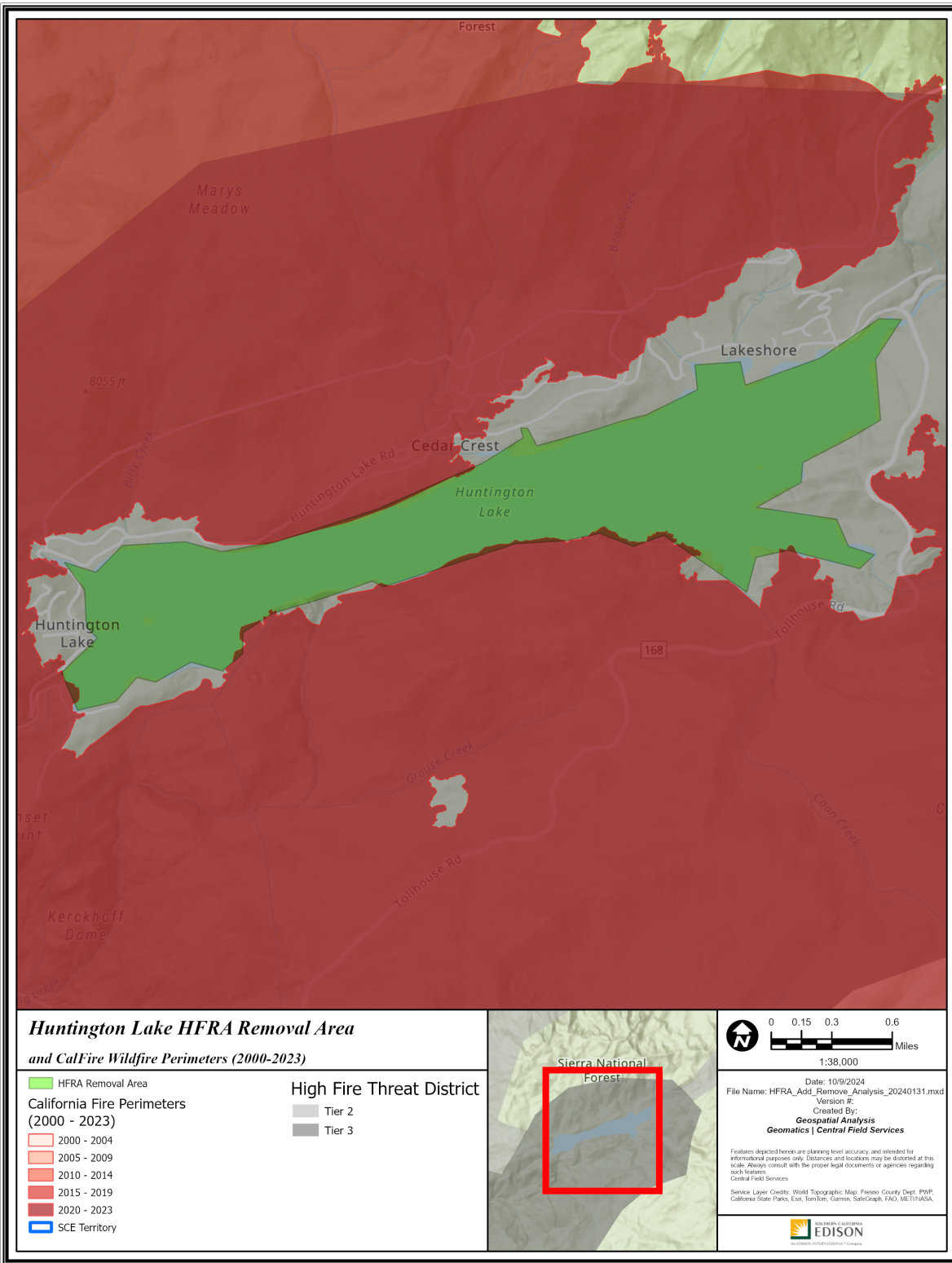
0 0.15 0.3 0.6 Miles
 1:38,000

Date: 5/25/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #: _____
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.
 Central Field Services

Service Layer Credits: Hybrid Reference Layer: Fresno County Dept. PWP, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies,

Path: P:\PROJECTS\Sierra\Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx

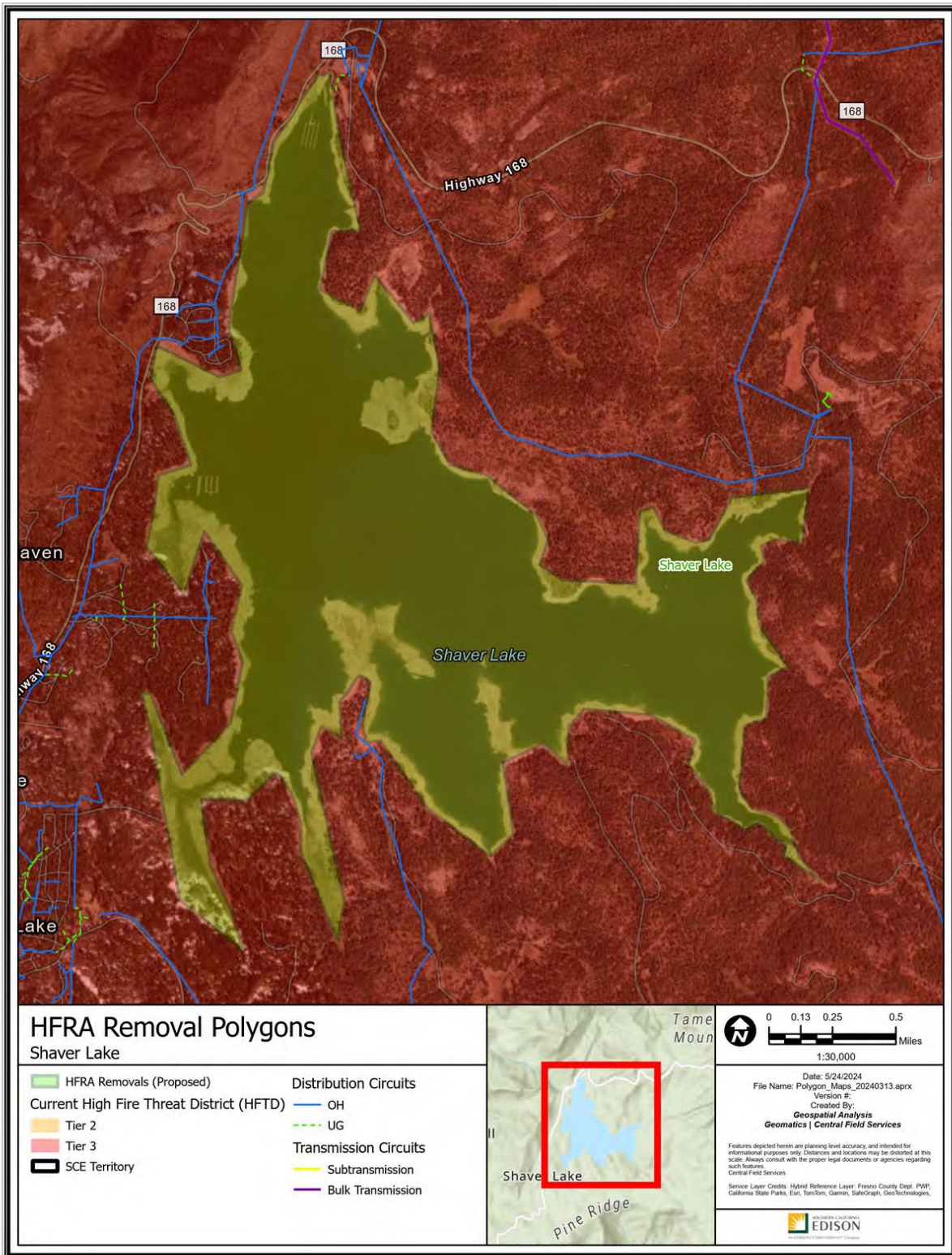


R58 – Shaver Lake

Fresno County

-119.290358, 37.125794

2,186 Acres



Path: P:\PROJECTS\Special_Proyectos\HFRA_Fresno_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 91.9% | Water Bodies |
| 2.9% | Moderate Load Dry Climate Grass Shrub |
| 1.8% | Timber Litter |
| 0.8% | Timber Understory |

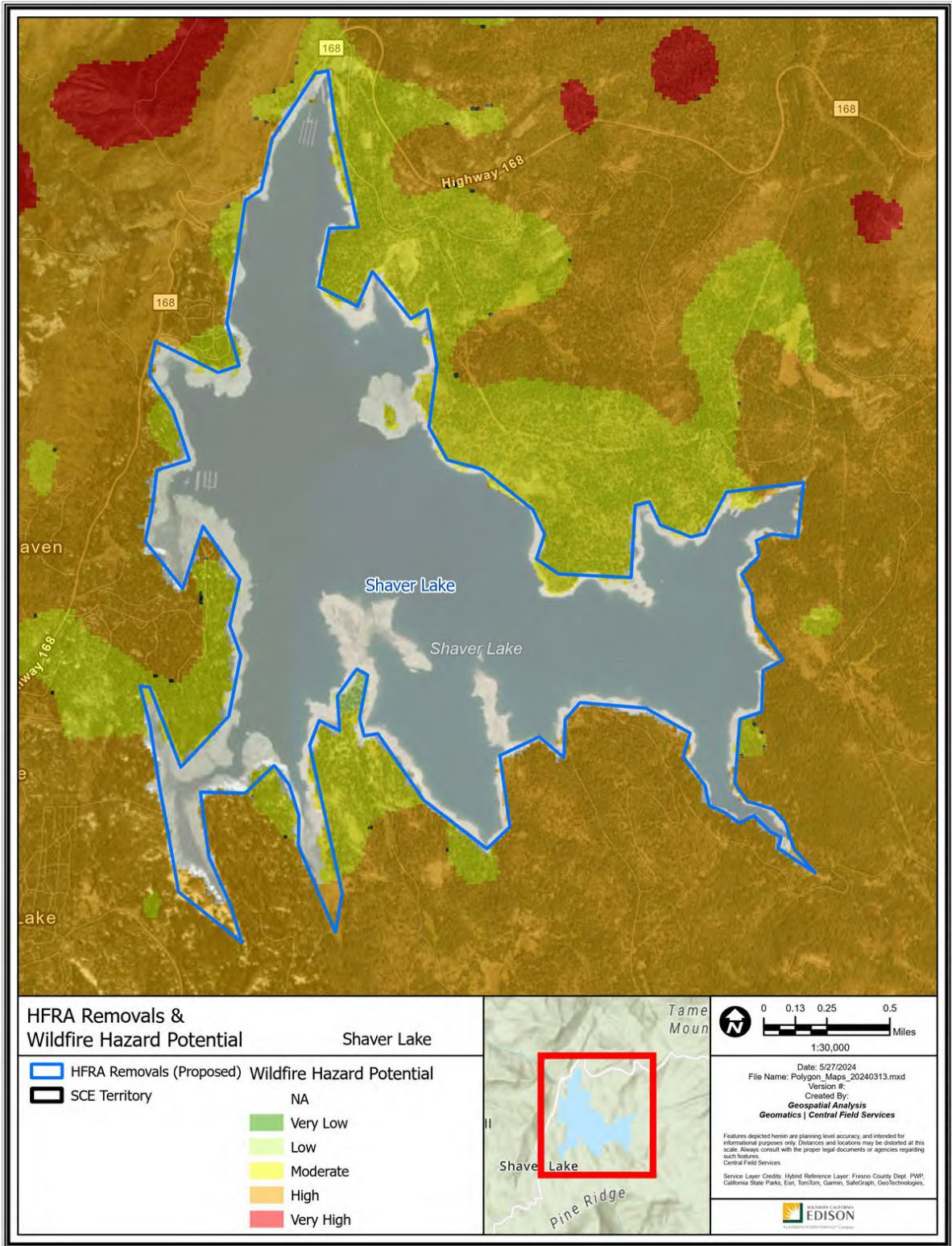
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 1.9% | 0.0% | 2.4% | 0.0% | 95.7% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0 | 0 | 0 | 0 | 0 | 0 |

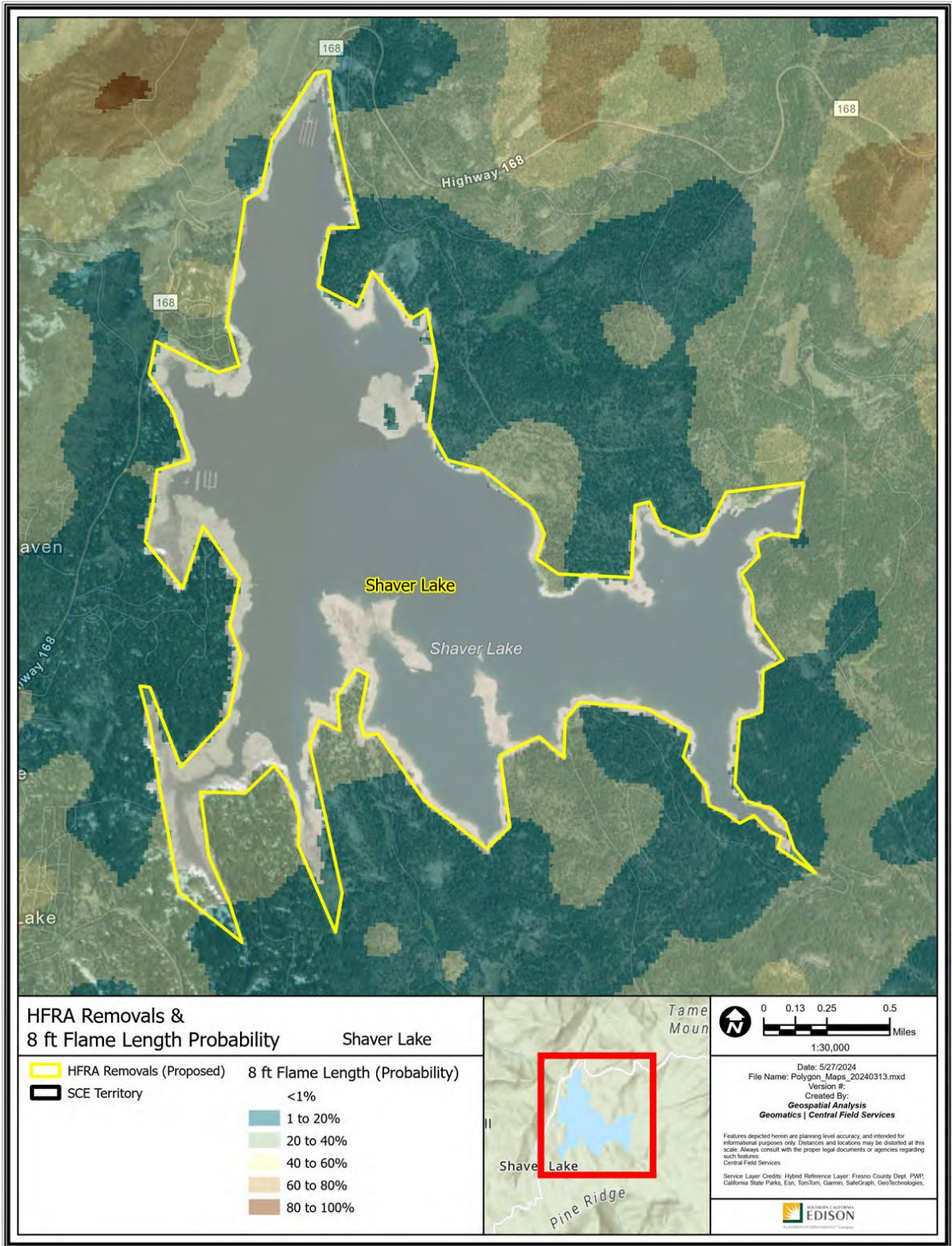
| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 2 | 1.24° | 1: Very Low | 1% |

Recommendation:

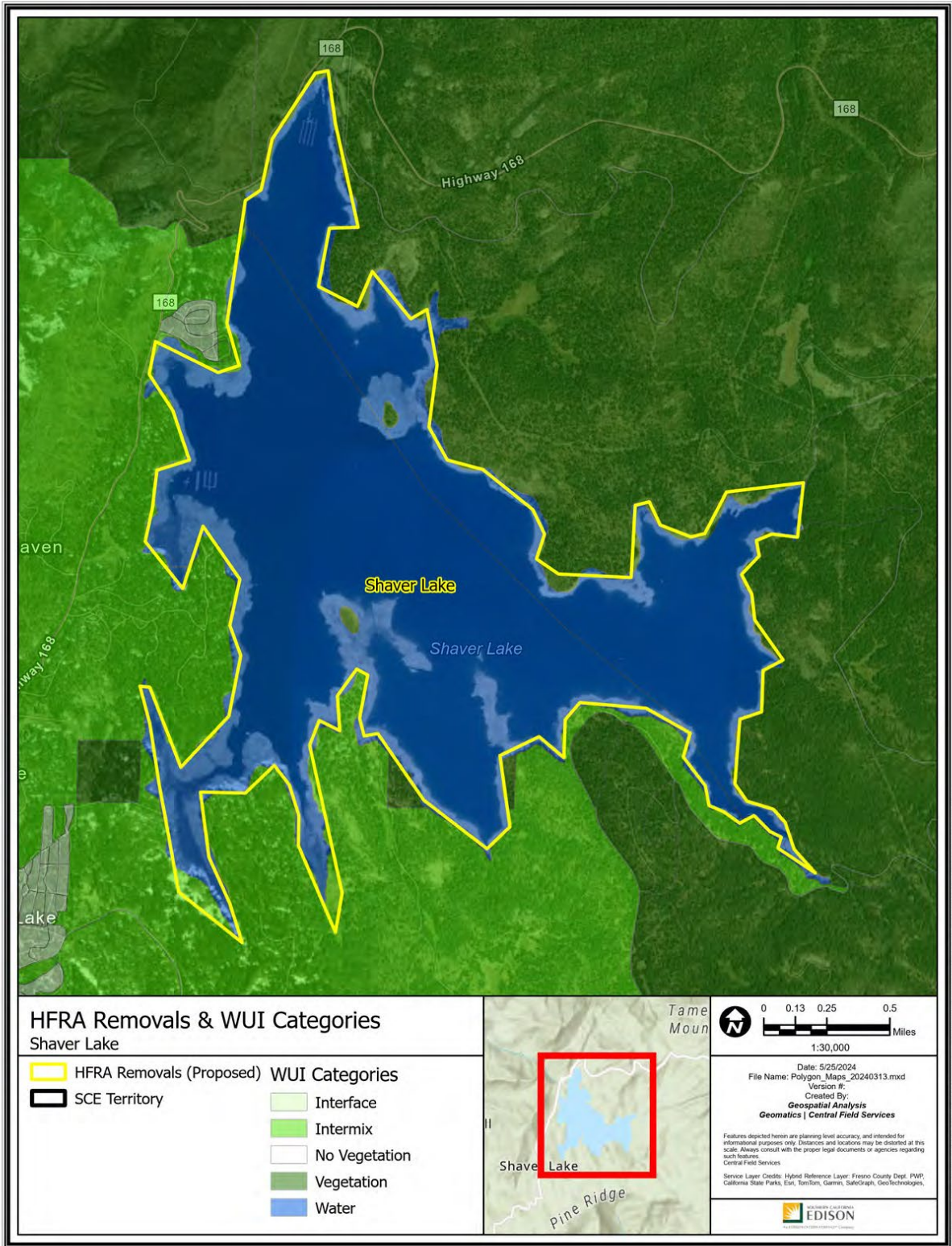
SCE proposes to remove the Shaver Lake polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.



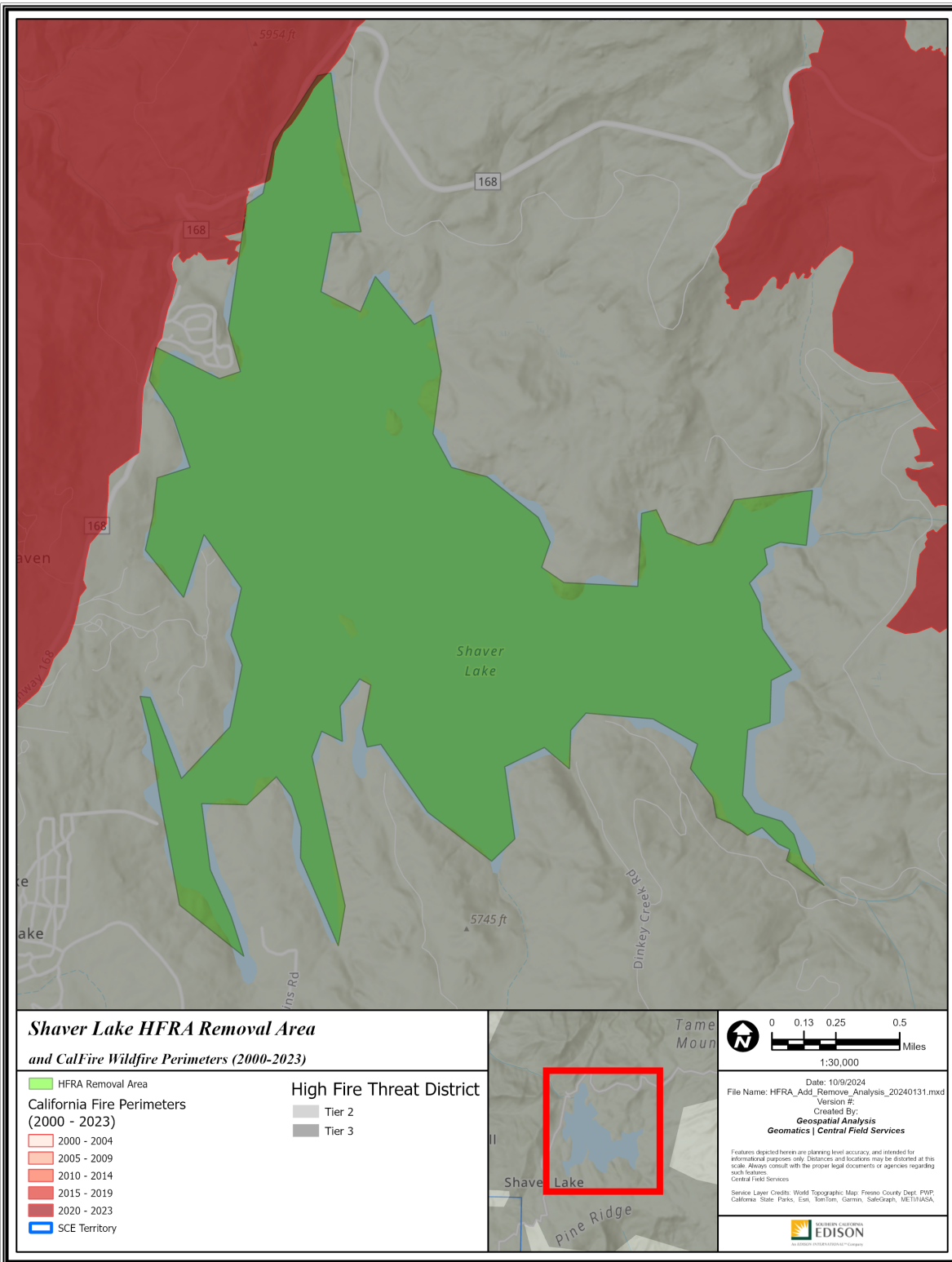
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



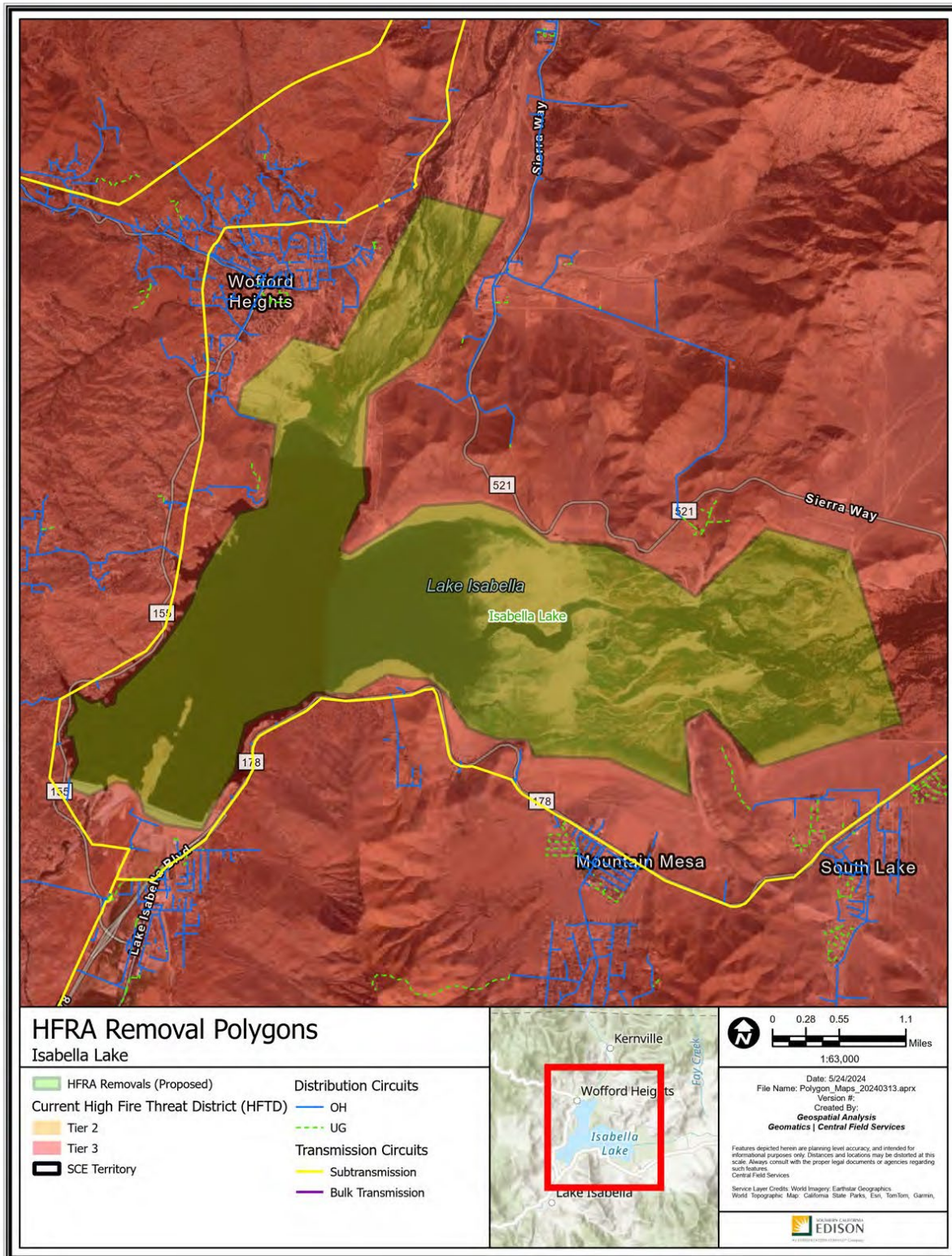
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R59 – Isabella Lake

Kern County

-118.426244, 35.668737

8,056 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|---------------------------------------|
| 58.9% | Water Bodies |
| 16.3% | Low Load Dry Climate Grass Shrub |
| 11.0% | Moderate Load Dry Climate Grass Shrub |
| 6.9% | Low Load Dry Climate Grass |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 7.6% | 0.4% | 92.0% | 100% |

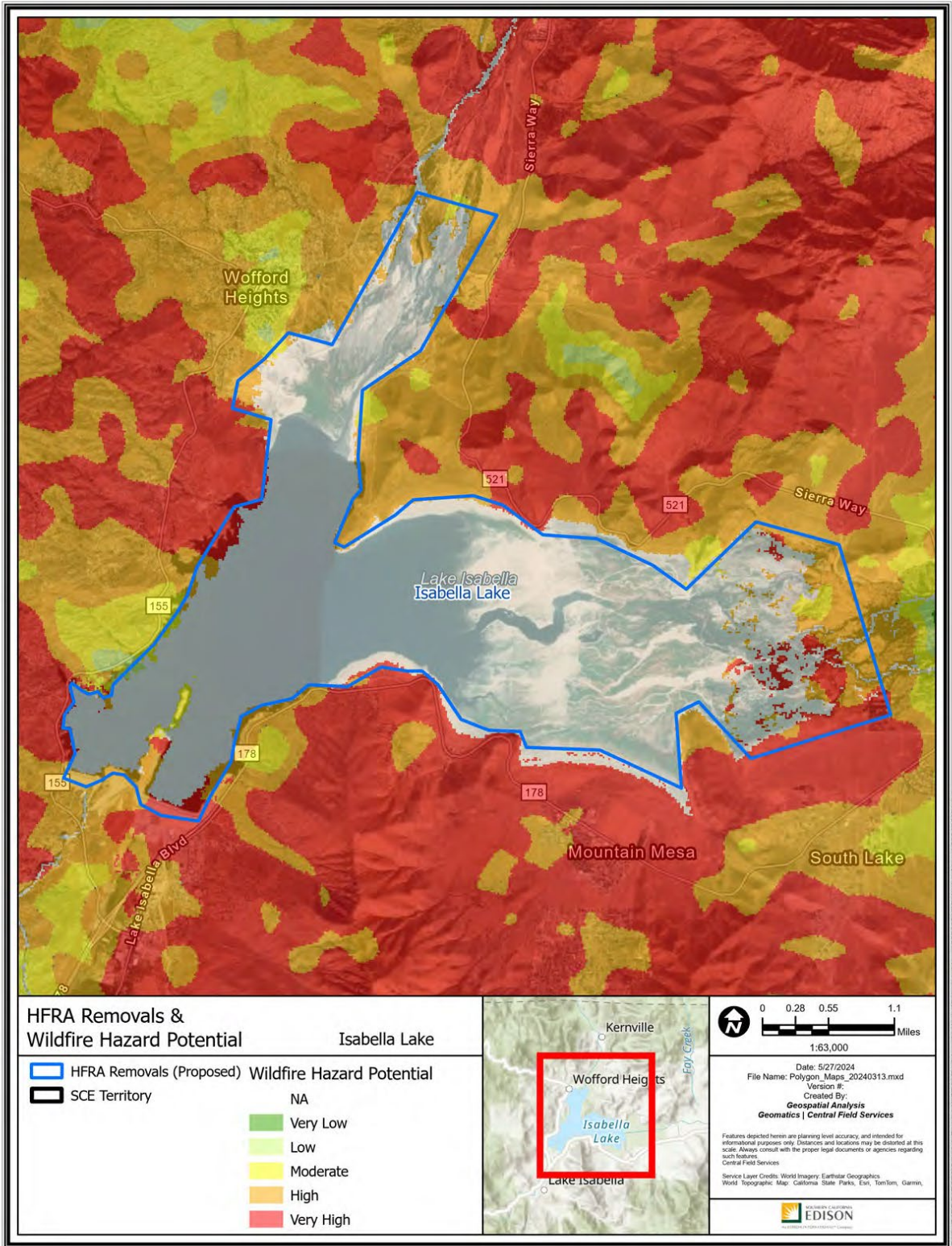
| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0.15 | 0 | 0 | 0 | 0 | 0.15 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 1.42° | 3: Moderate | 7% |

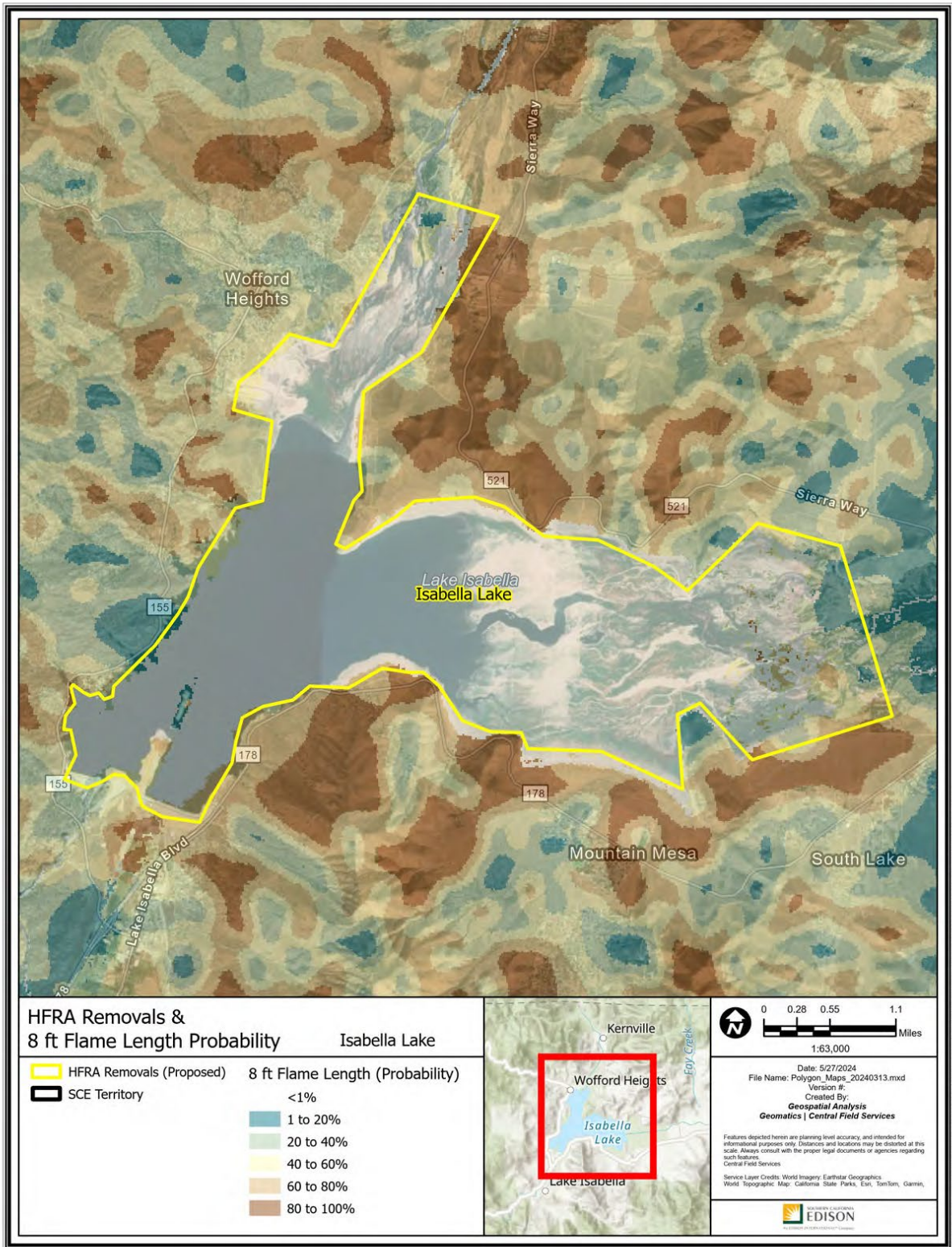
Recommendation:

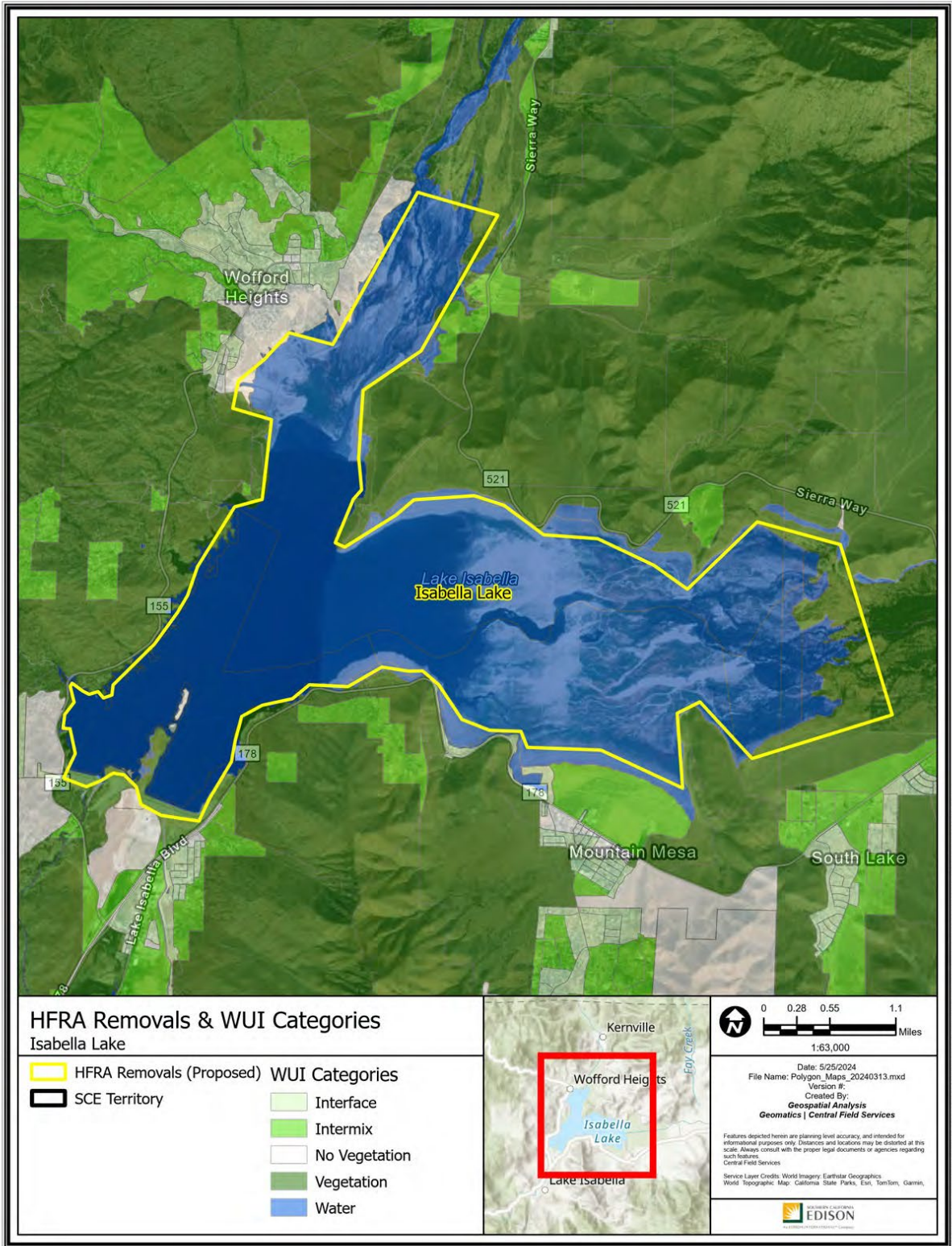
SCE proposes to remove the Isabella Lake polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD. In particular:

1. The border is drawn around the banks of Isabella Lake and feeding waterways.
2. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.

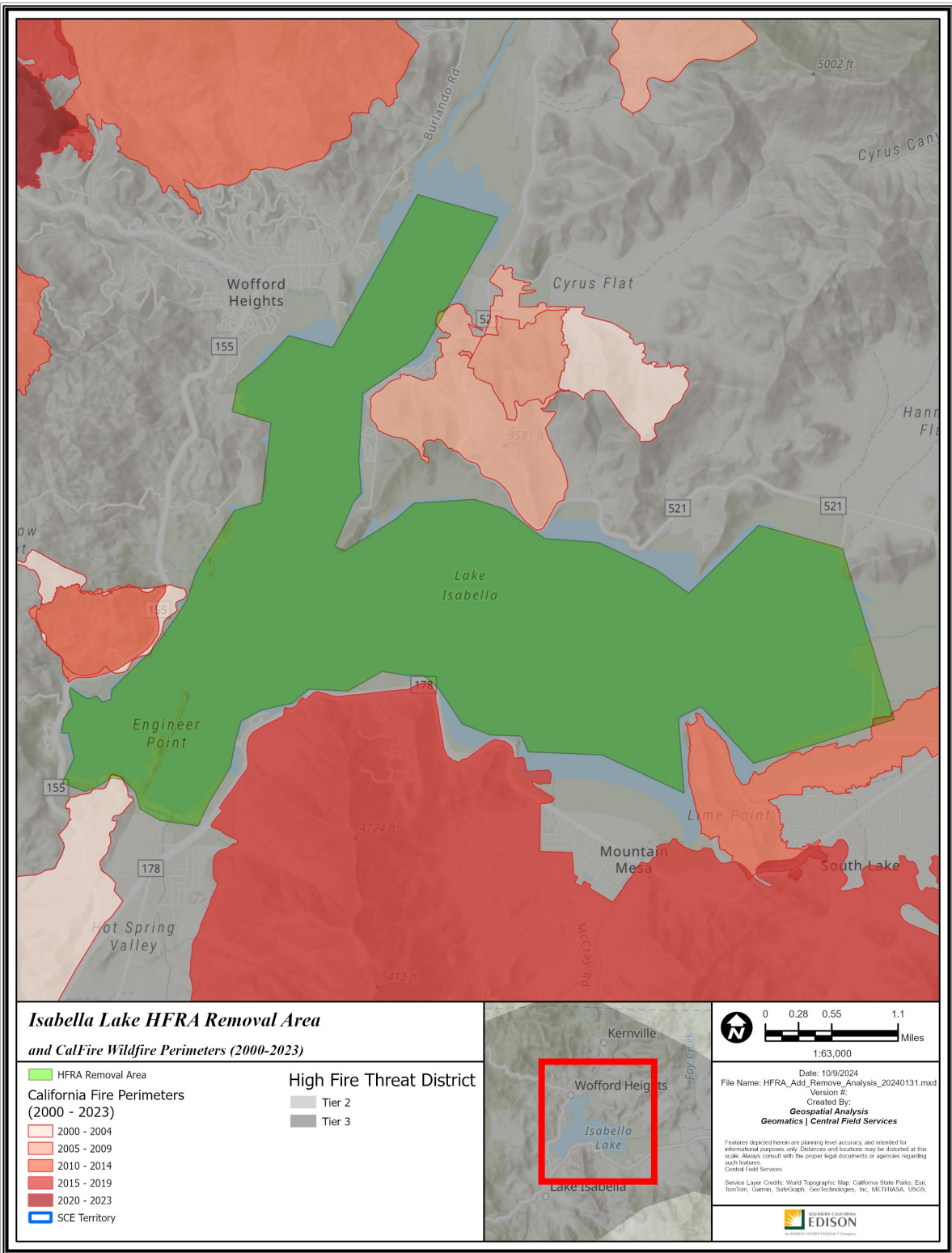


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx





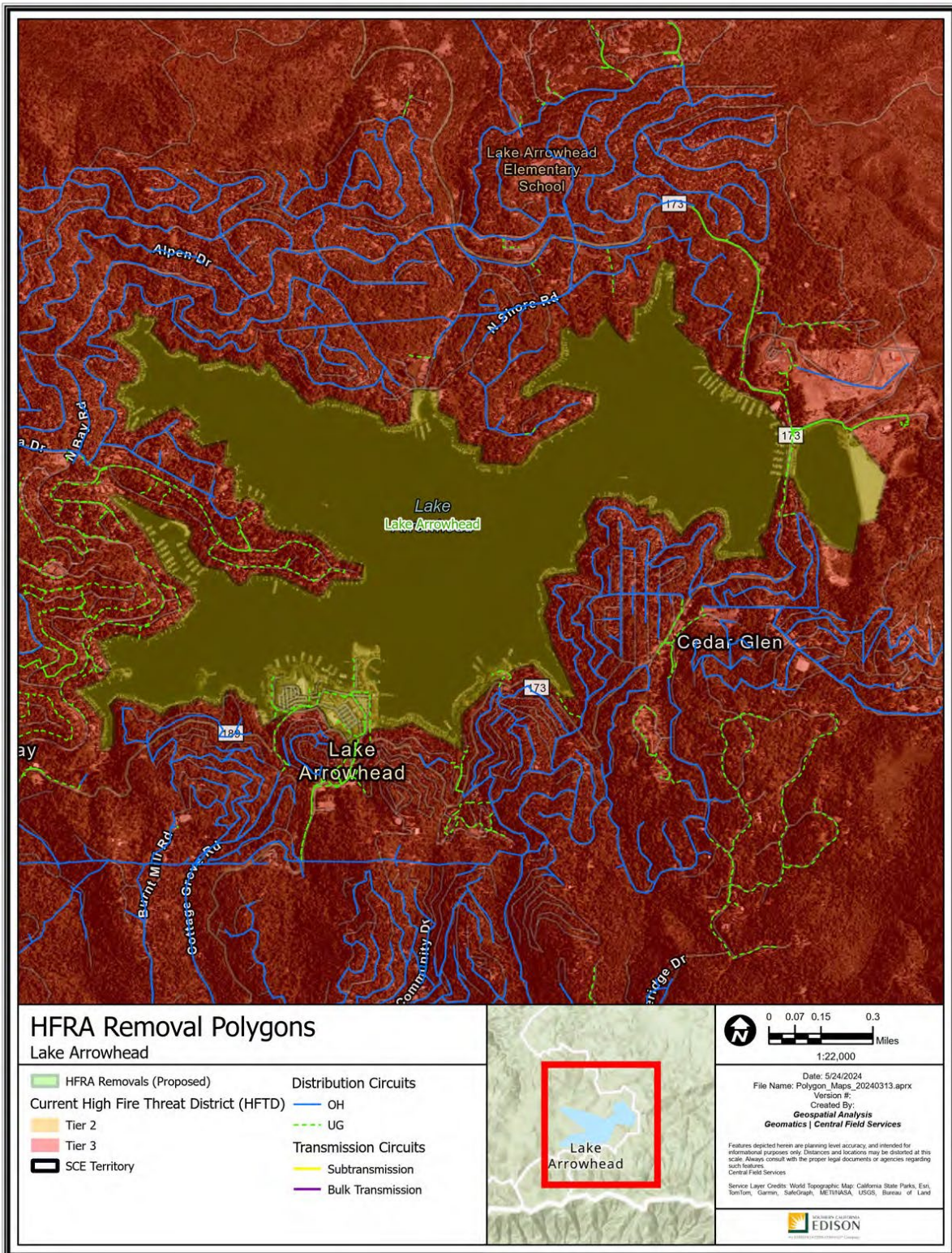
Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_P\Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R60 – Lake Arrowhead

San Bernardino County
 -117.184737, 34.258645
 889 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--------------------------------------|
| 71.4% | Water Bodies |
| 4.2% | Scattered Surrounded by High FB Fuel |
| 3.9% | Non Burnable Urban Areas |
| 3.1% | Timber Litter |

| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 1.4% | 13.1% | 0.0% | 0.0% | 85.5% | 100% |

| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0 | 2.31 | 0 | 0 | 0 | 2.31 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 229 | 1.8° | 4: High | 0% |

Recommendation:

SCE proposes to remove the Lake Arrowhead polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD.

1. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.
2. The removal also excludes the Arrowhead Resort area because it is a developed area directly adjacent to the lake.

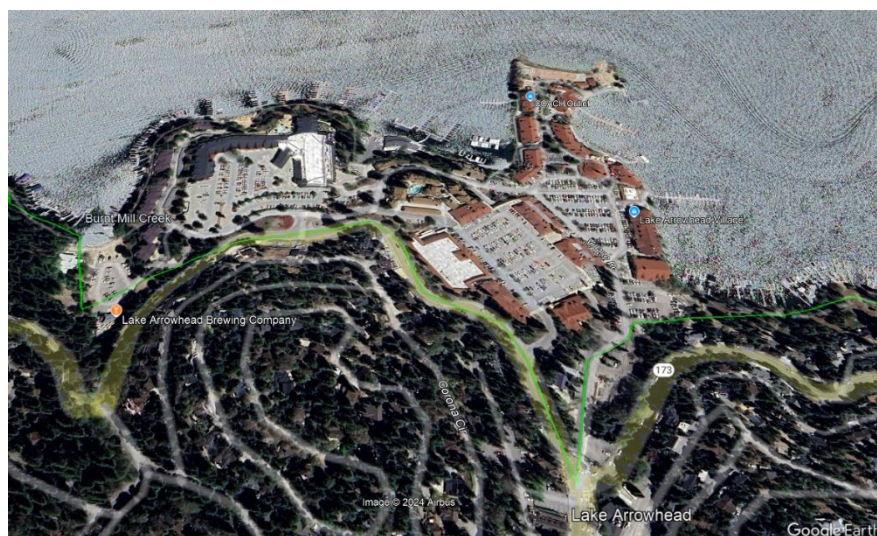
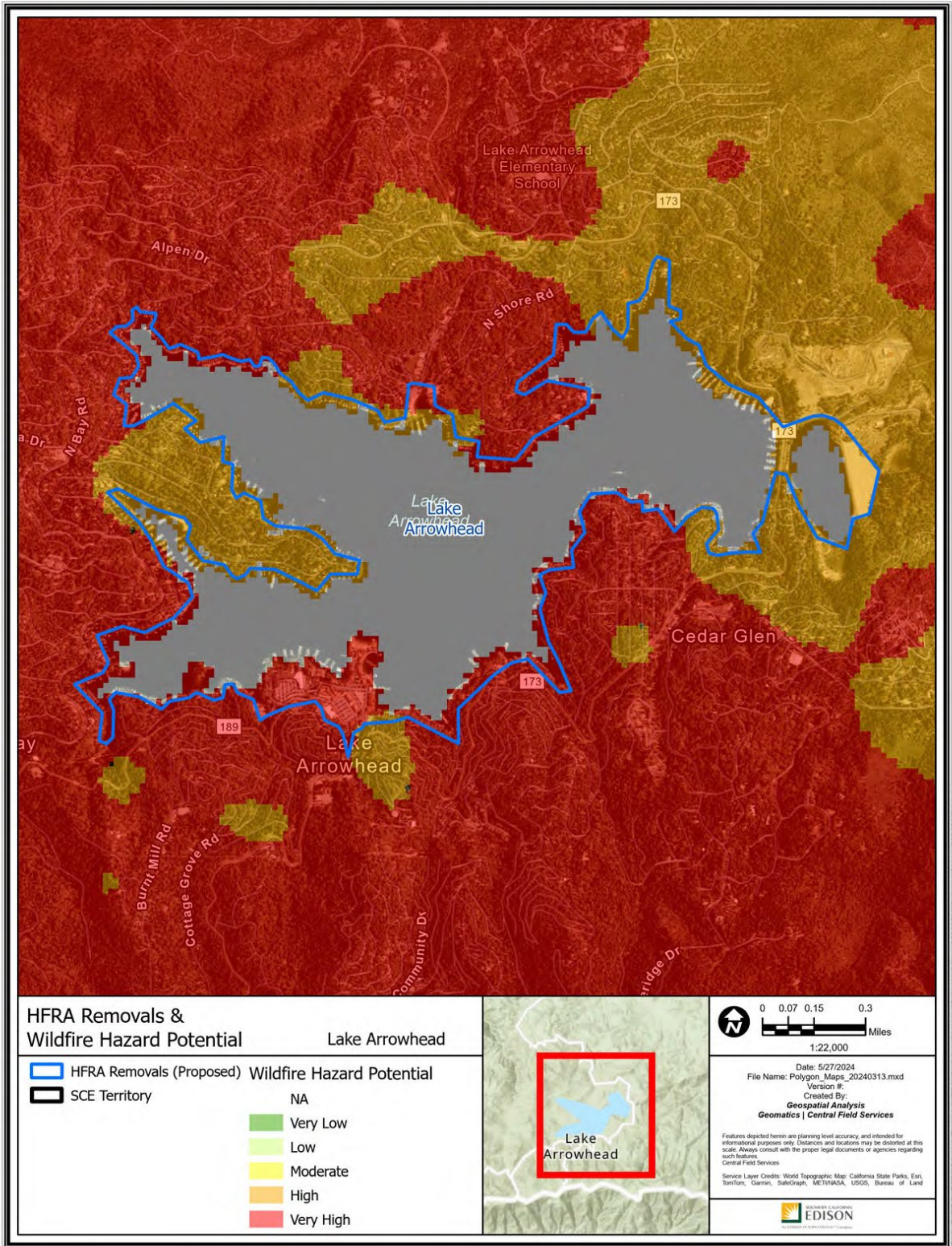


Figure 10 - Lake Arrowhead Resort - Google Earth 2024



HFRA Removals & Wildfire Hazard Potential Lake Arrowhead

- HFRA Removals (Proposed)
 - SCE Territory
- | | |
|--|-----------|
| | NA |
| | Very Low |
| | Low |
| | Moderate |
| | High |
| | Very High |



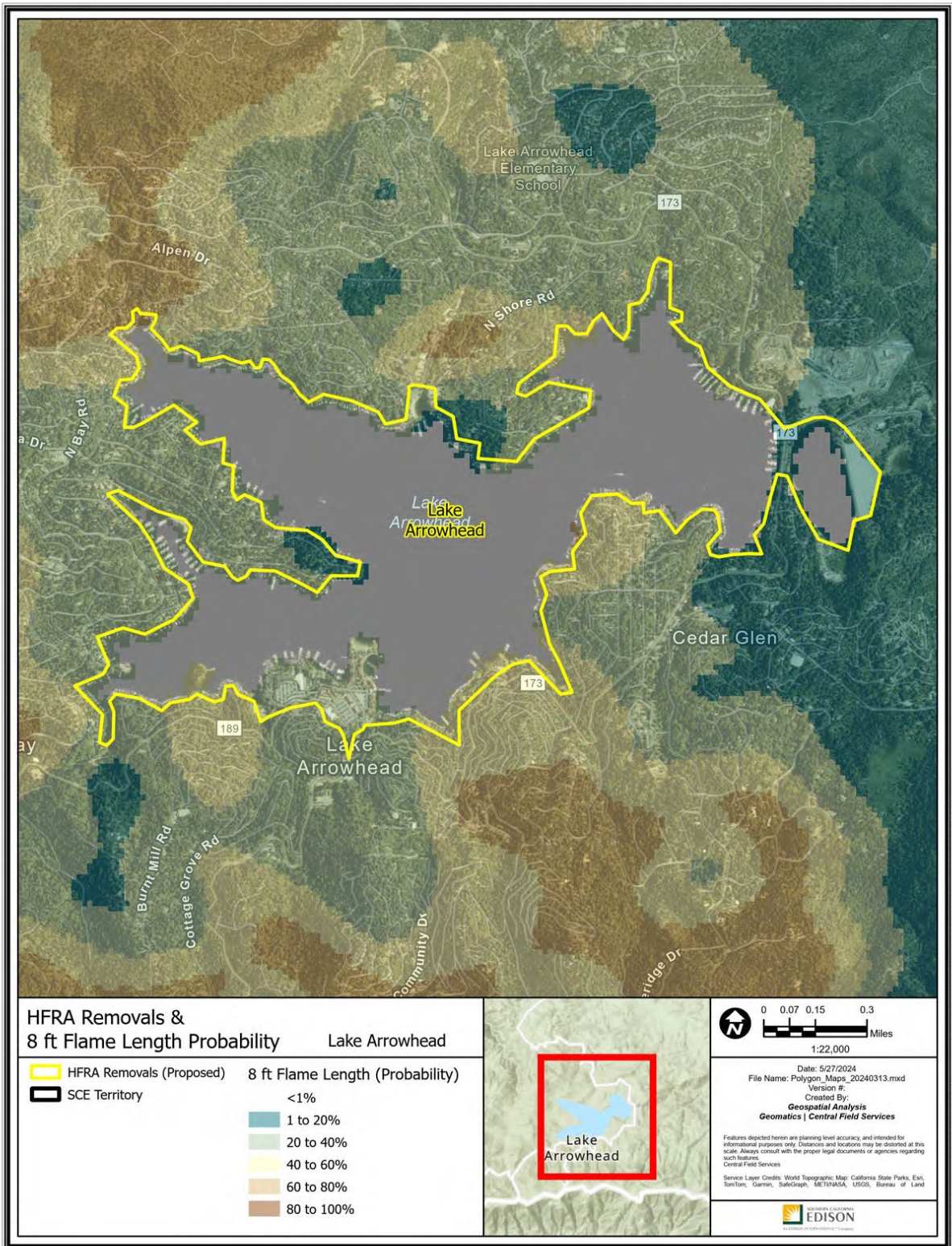
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

Features depicted herein are planning level accuracy, and intended for informational purposes only. Distances and locations may be distorted at this scale. Always consult with the proper legal documents or agencies regarding such features.

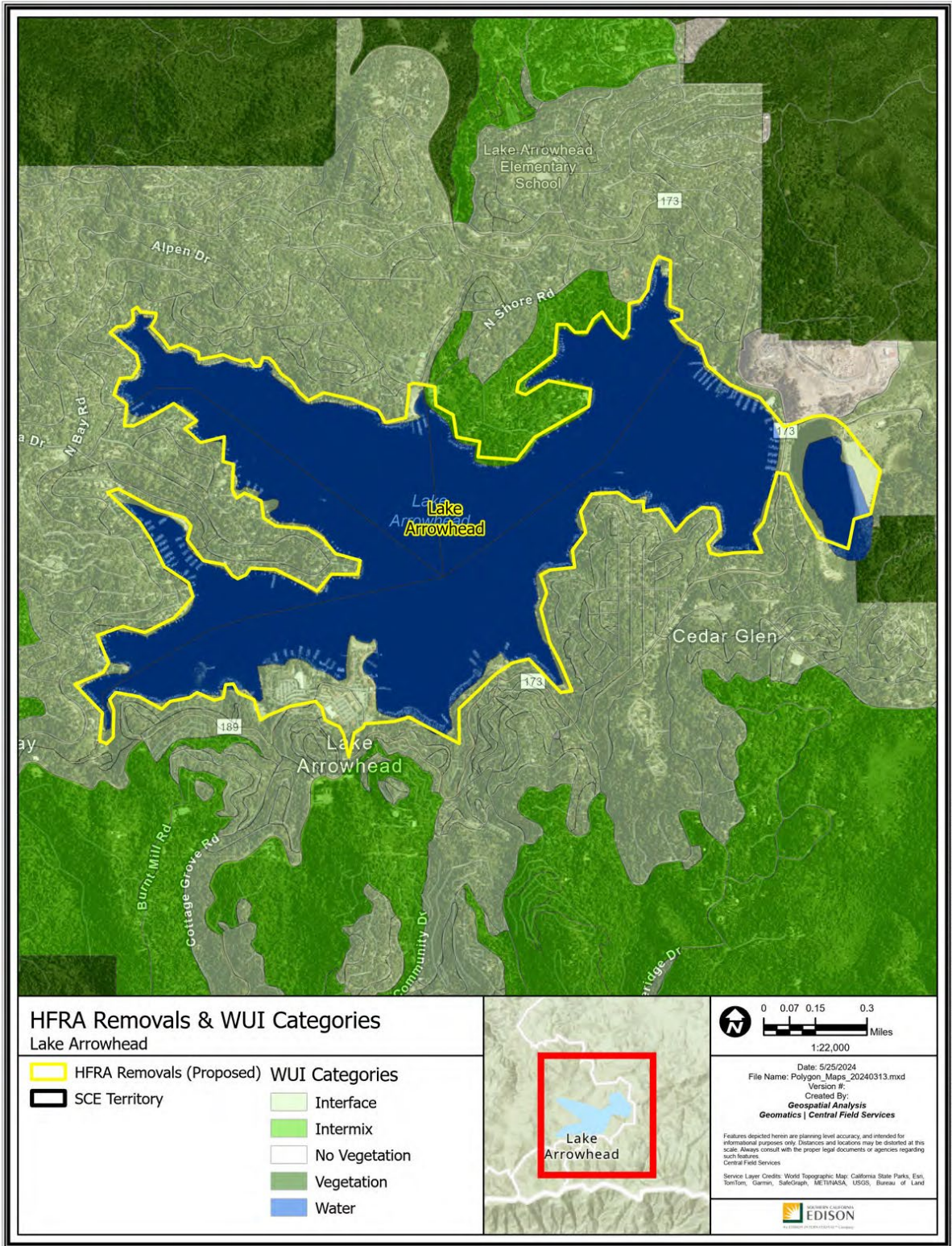
Service Layer Credits: World Topographic Map: California State Parks, Esri, TomTom, Garmin, SafeGraph, METRASA, USGS, Bureau of Land



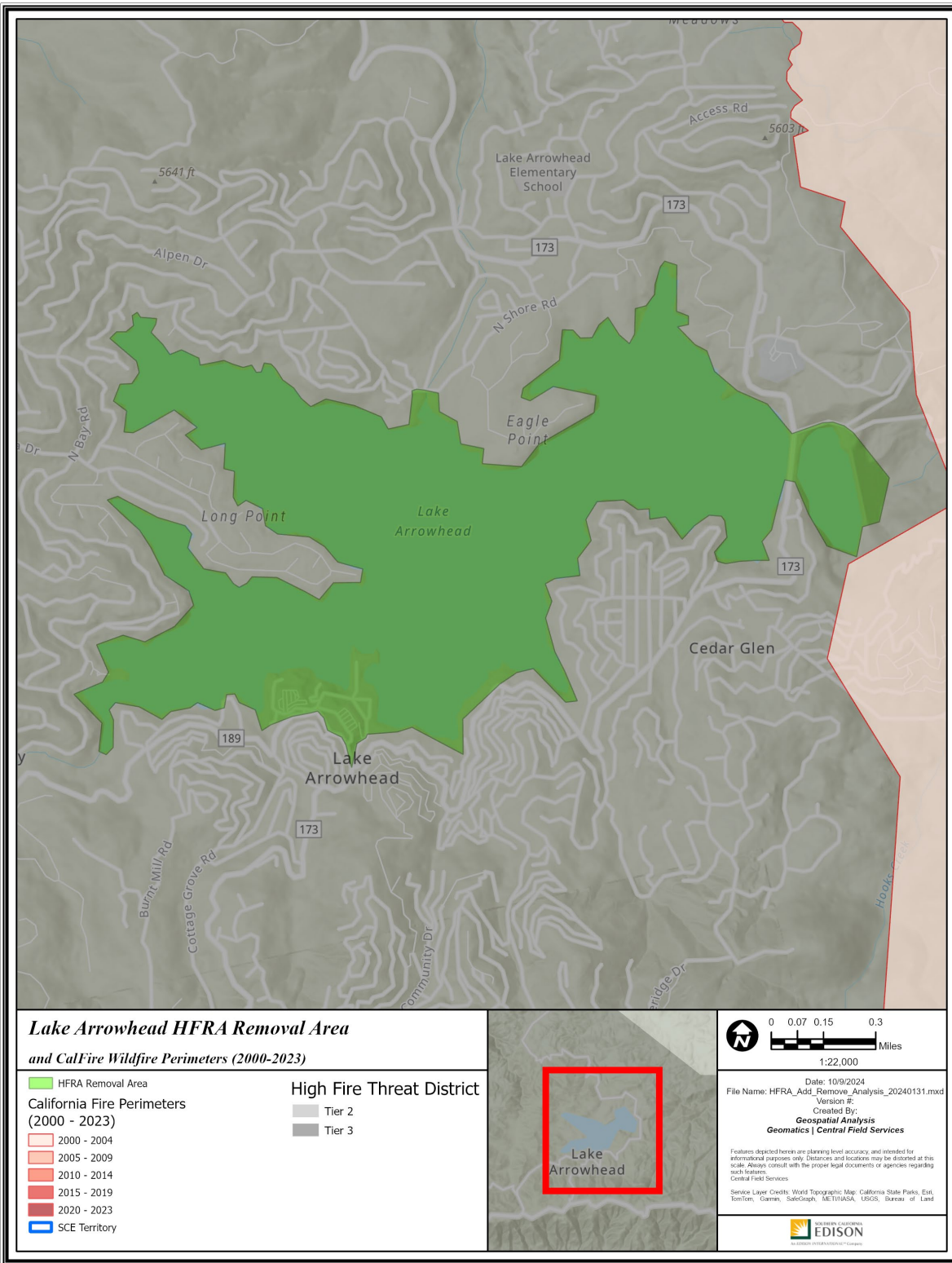
Path: P:\PROJECTS\Spatial_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



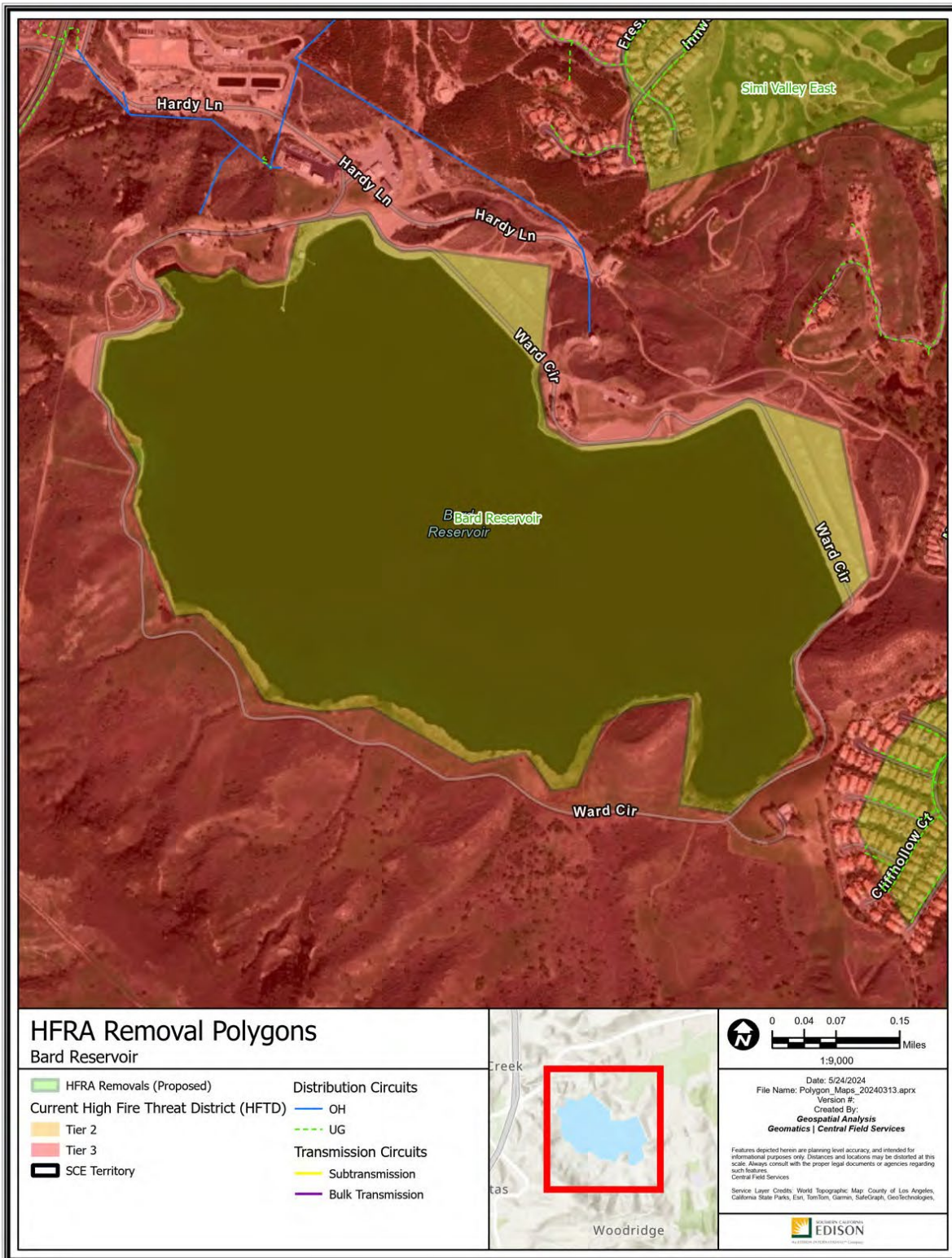
Path: P:\PROJECTS\Special\Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R61 – Bard Reservoir

Ventura County

-118.82503, 34.238409

248 Acres



Polygon Attributes:

| Notable Vegetation/Fuels (top 4) | |
|---|--|
| 75.2% | Water Bodies |
| 5.8% | Bare Ground |
| 5.6% | Minor Roads Surrounded by Low Fire Behavior Fuel |
| 4.2% | Short Sparse Dry Climate Grass |

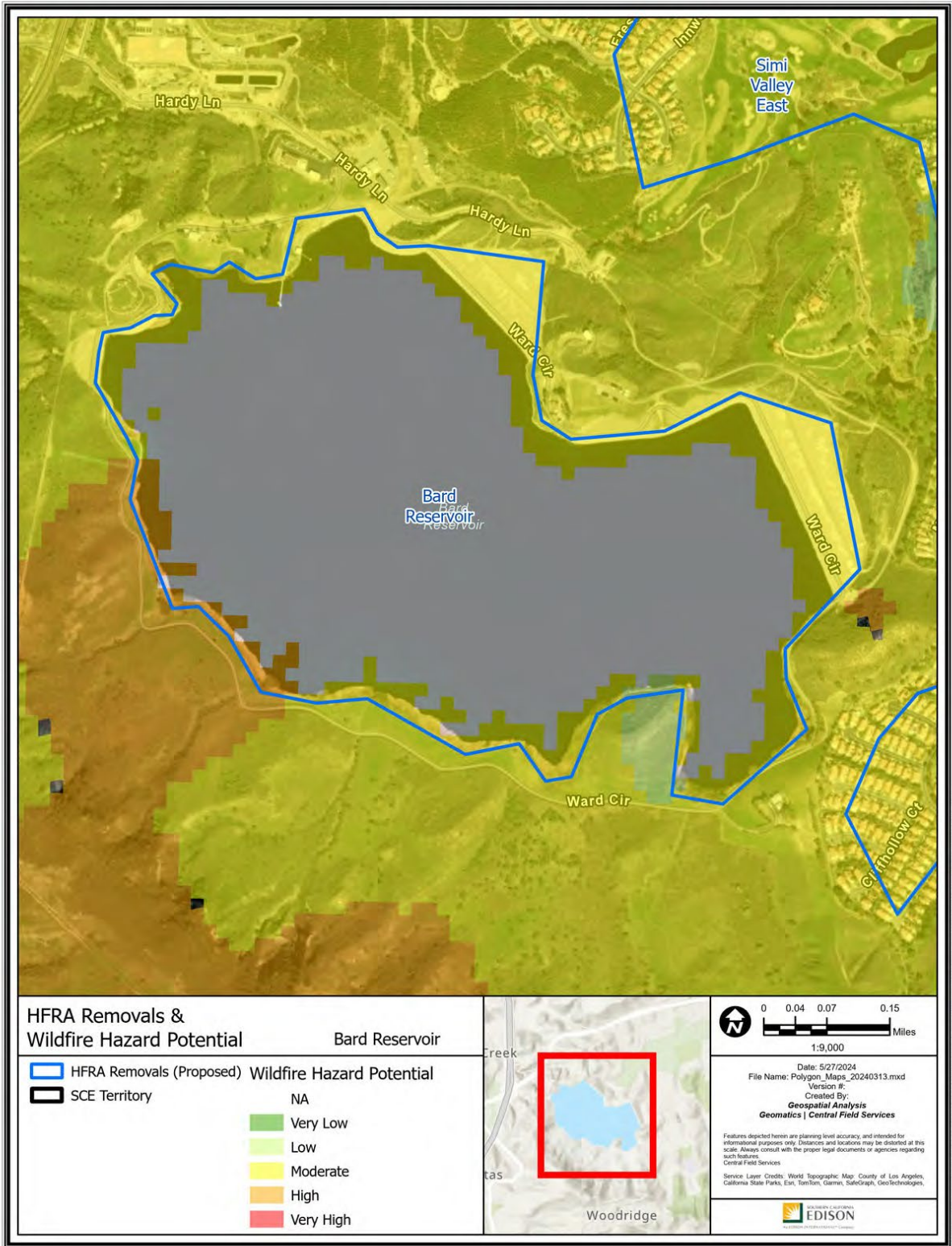
| Silvis Lab Wildland-Urban Interface | | | | | |
|--|---------------|-------------------|-------|-------|-------|
| WUI Intermix | WUI Interface | Wildlands / Rural | Urban | Water | Total |
| 0.0% | 0.0% | 9.1% | 0.0% | 90.9% | 100% |

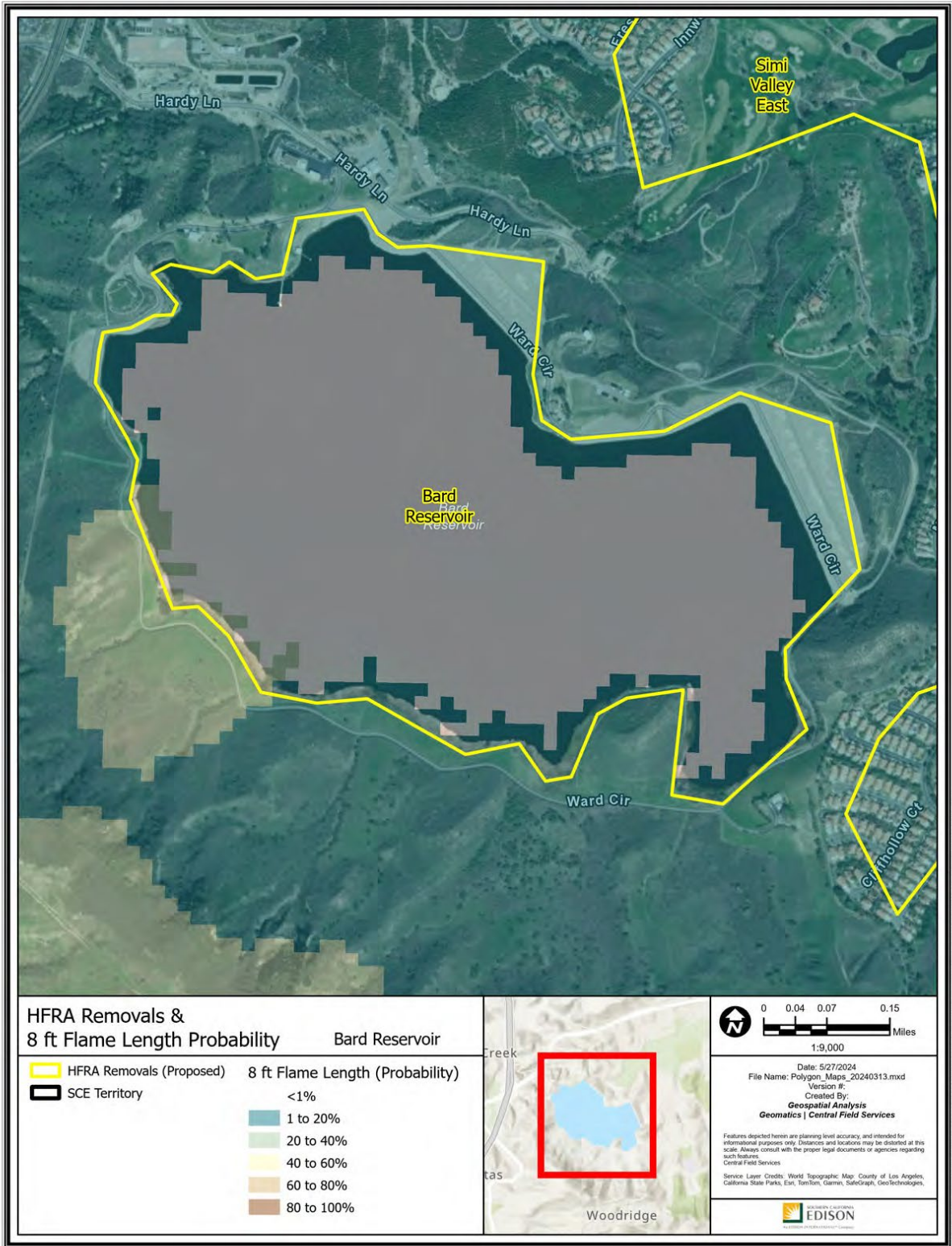
| SCE Conductor Circuit Miles | | | | | |
|------------------------------------|------------|--------------|--------------|---------------|-------|
| Primary OH | Primary UG | Sub Trans OH | Sub Trans UG | Bulk Trans OH | Total |
| 0 | 0 | 0 | 0 | 0 | 0 |

| Count of Customer Meters | ESRI Average Terrain Slope (0° = flat to 90° = vertical) | USFS Hazard Potential (1: Very Low to 5: Very High) | USFS 8ft+ Flame Probability (0% to 100%) |
|--------------------------|---|--|---|
| 0 | 1.23° | 2: Low | 3% |

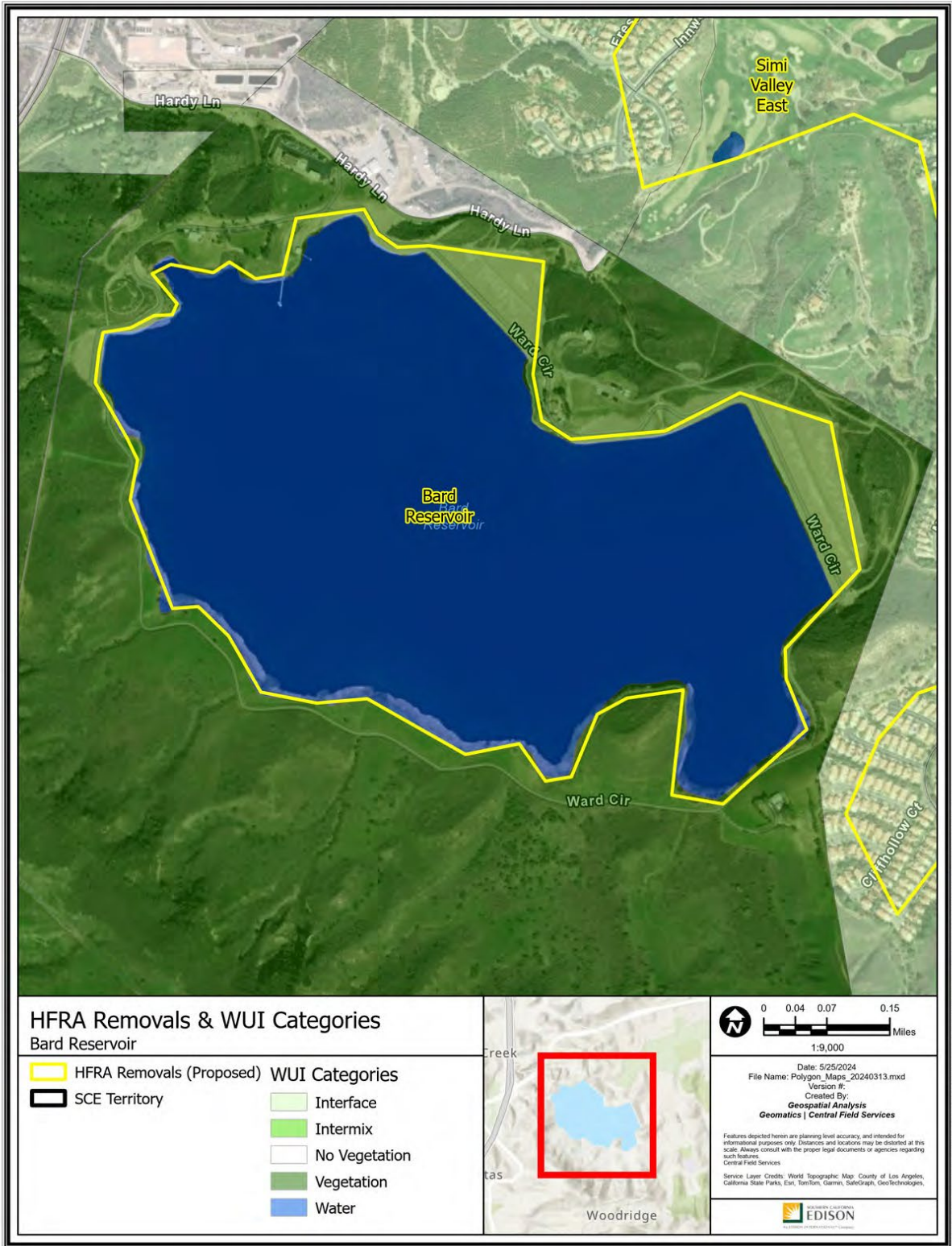
Recommendation:

SCE proposes to remove the Bard Reservoir polygon from the HFTD. This proposal is intended to maintain consistency with current maps, which do not classify bodies of water as part of the HFTD. Given the water level changes based on precipitation cycles, the boundary reflects where land use designation and vegetation cover changes.

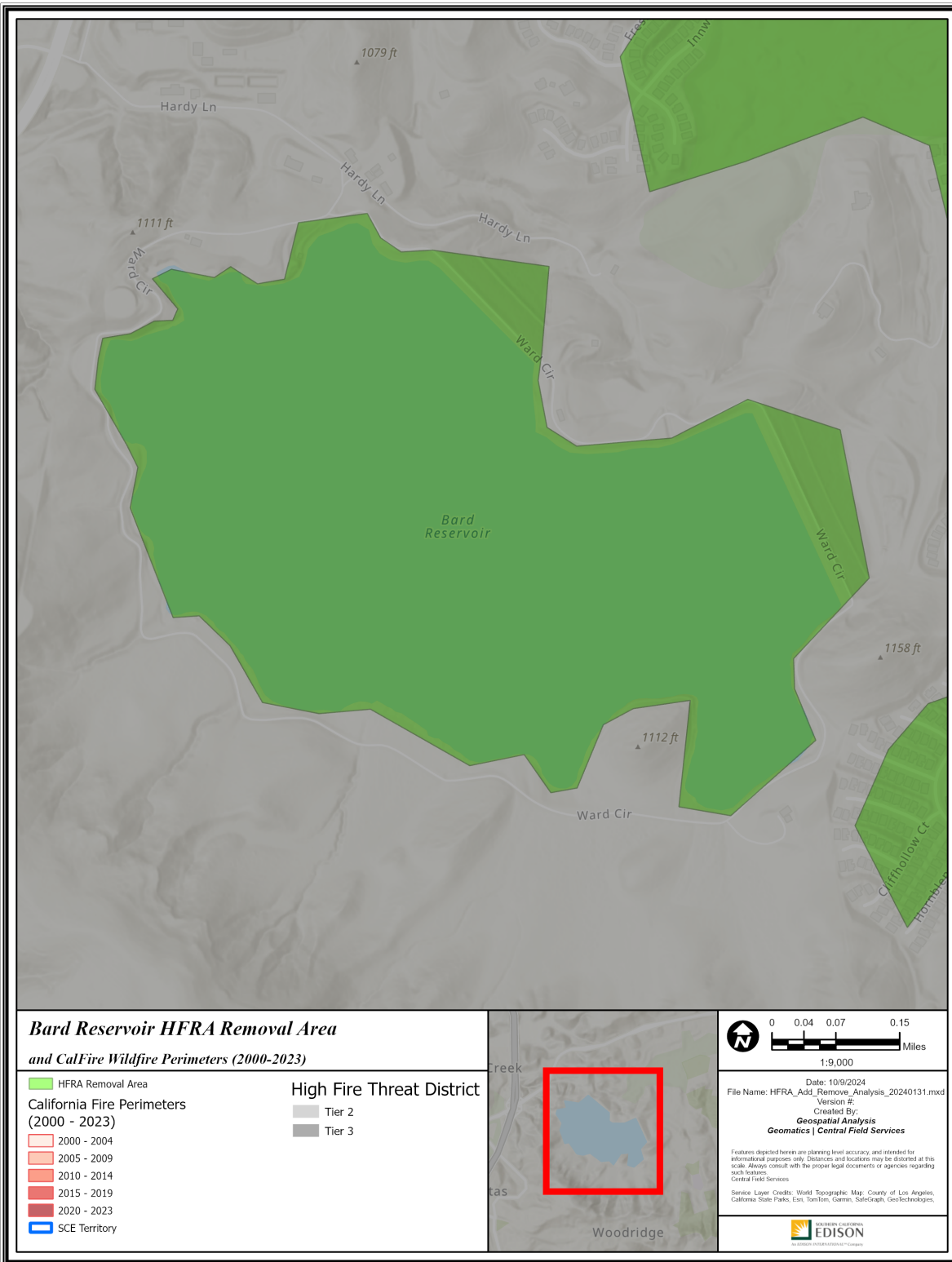




Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx