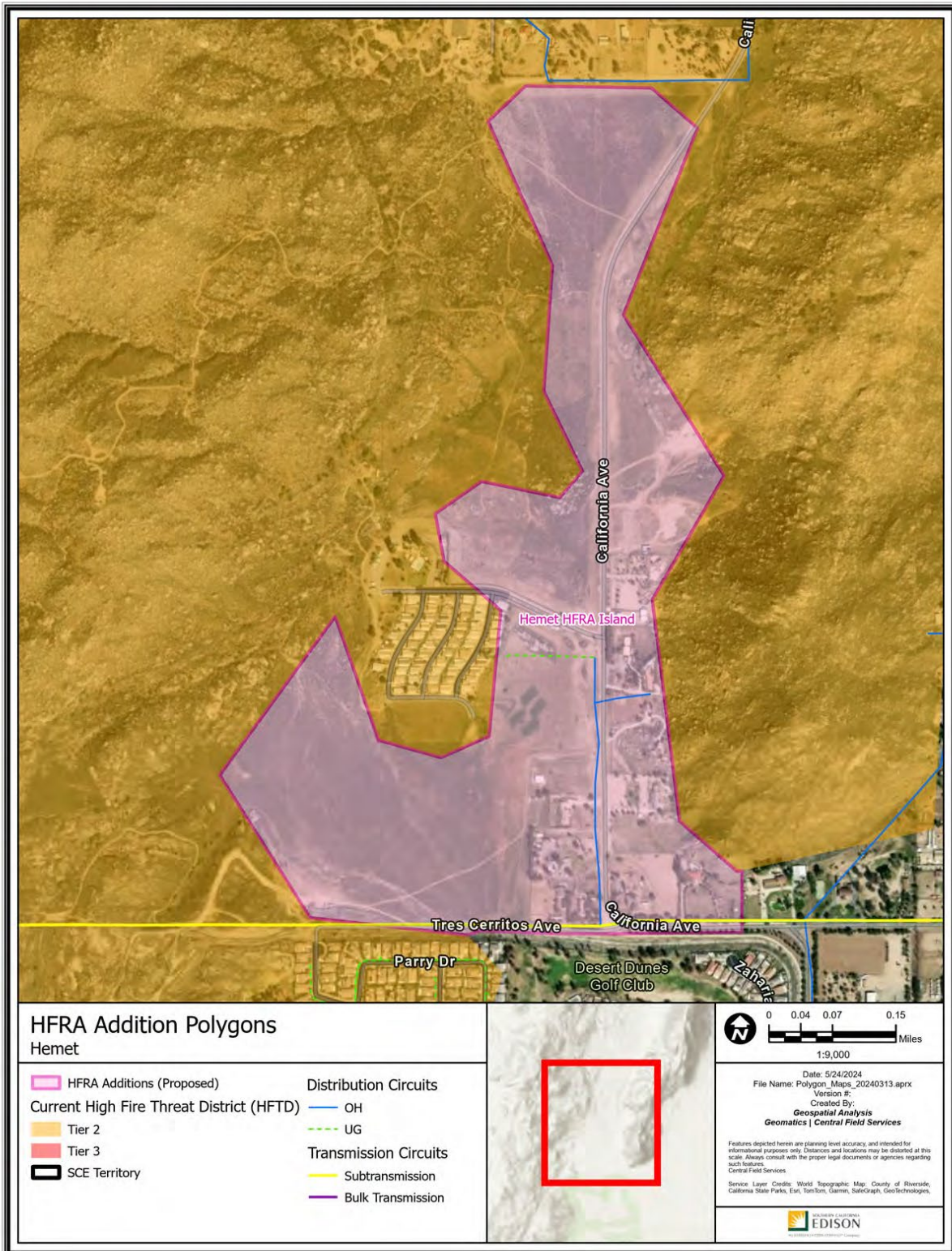


A35 – Hemet

Riverside County

-117.055888, 33.763615

173 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
55.9%	Moderate Load Dry Climate Grass Shrub
29.2%	Low Load Dry Climate Grass
10.5%	Short Sparse Dry Climate Grass
2.1%	Scattered Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
98.7%	1.1%	0.0%	0.3%	0.0%	100%

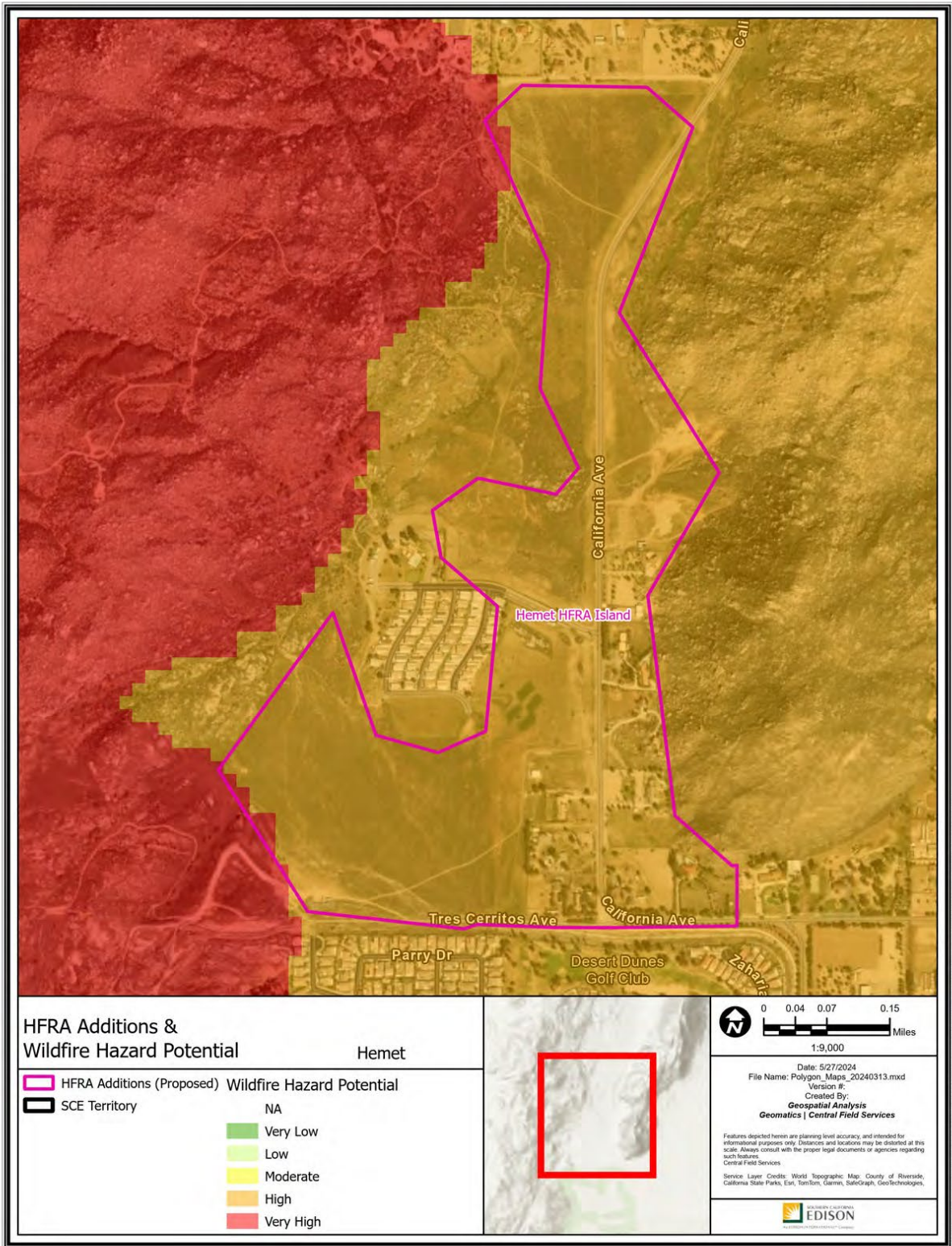
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
1.05	0.11	0.87	0	0	2.03

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%)
7	3.54°	4: High	8%

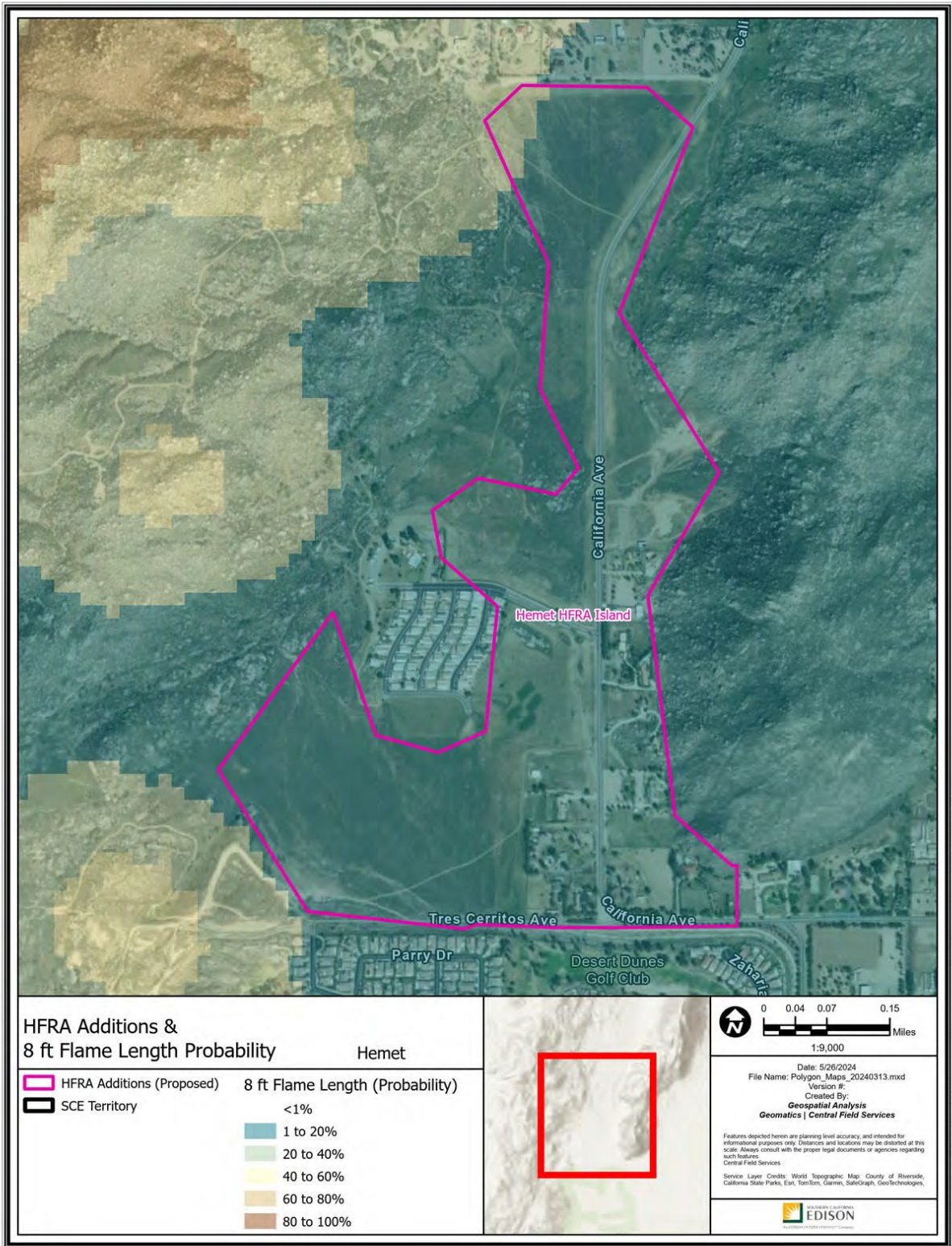
Recommendation:

SCE proposes to include the Hemet polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary into unmaintained and unirrigated moderate load fuels in complex terrain, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

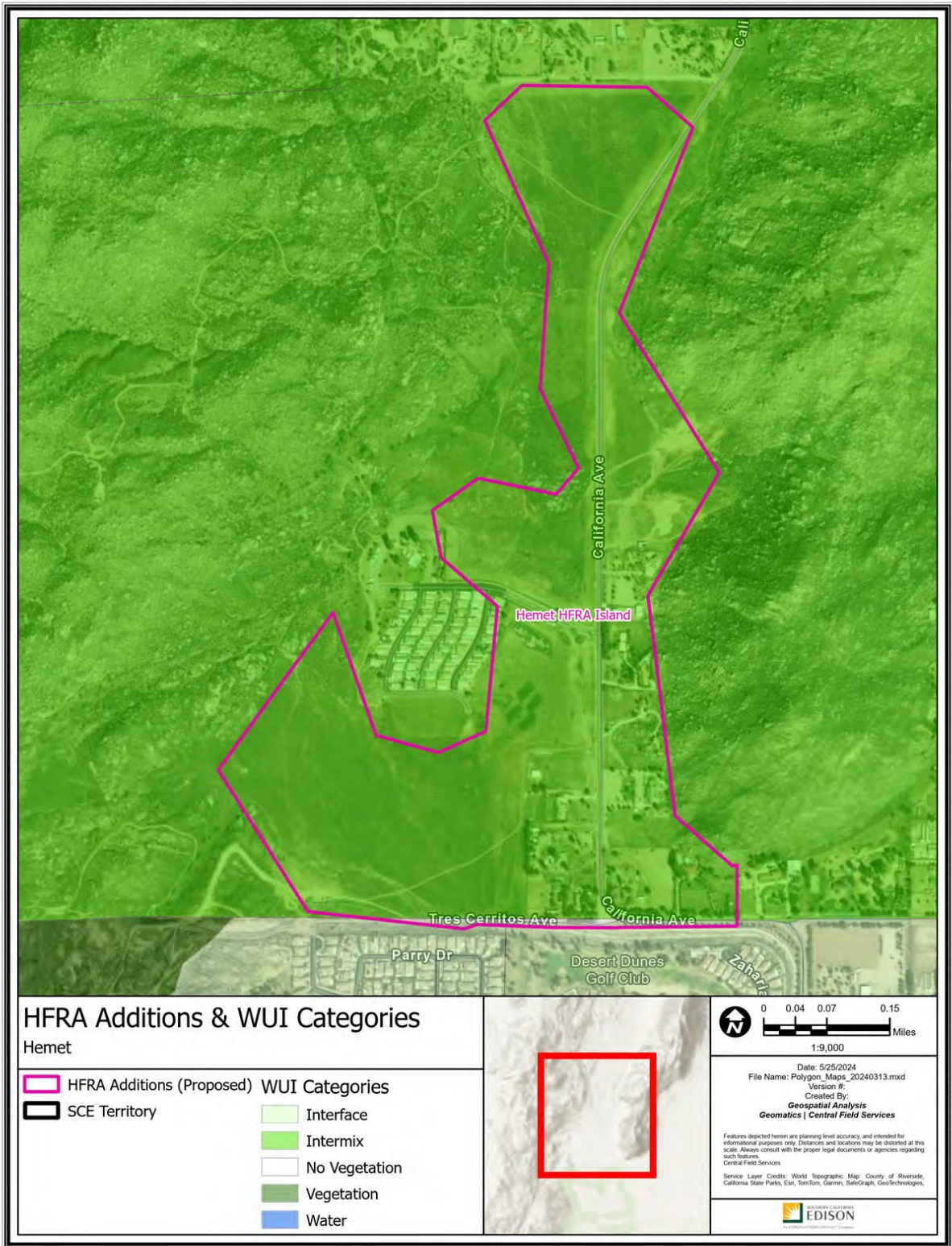
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. A fire in this polygon could spread into surrounding Tier 2 HFTD.
3. This addition is adjacent to areas that met threshold levels of IWMS criteria. The polygon is adjacent to areas where wildfire consequence modeling indicates High Consequence outputs.
4. High Wildfire Hazard Potential is indicated by USFS data for a portion of this polygon.
5. Major roads are used as firebreaks for the boundaries of this polygon.



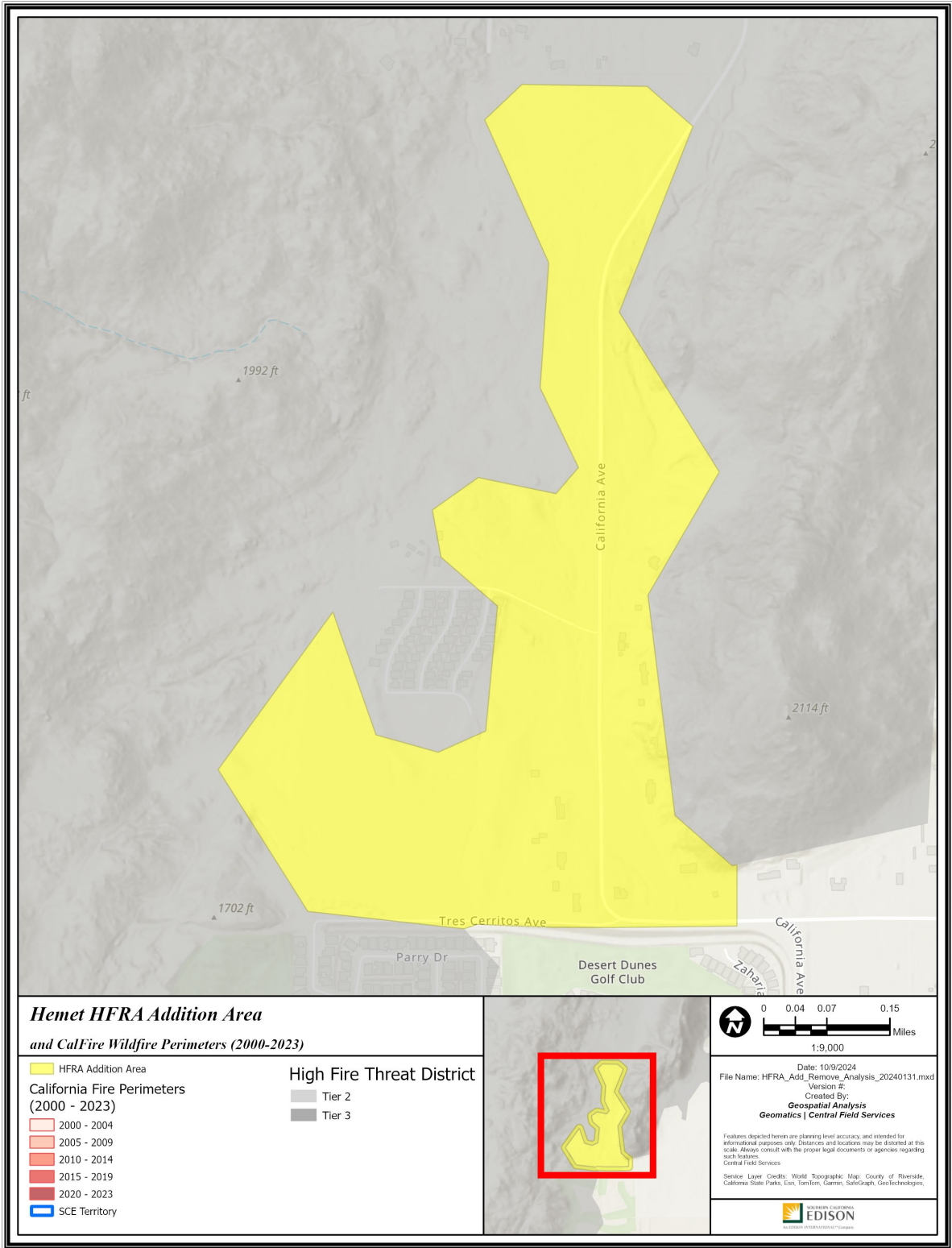
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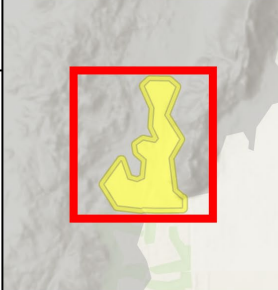



Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



**Hemet HFRA Addition Area
and CalFire Wildfire Perimeters (2000-2023)**


- | | |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| HFRA Addition 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 | |




0 0.04 0.07 0.15 Miles
1:9,000

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; County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies.



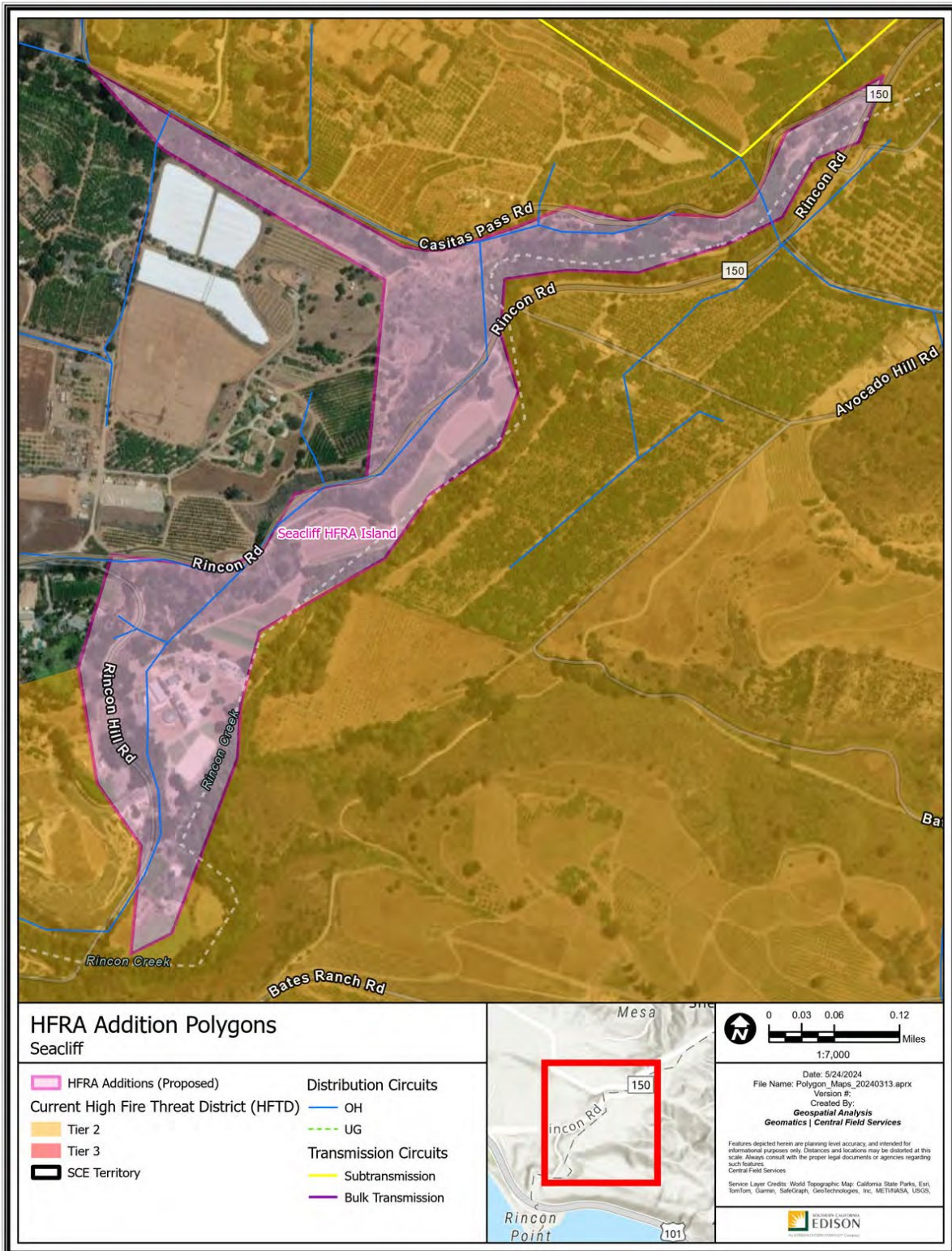
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A36 – Seacliff

Santa Barbara & Ventura County

-119.47126, 34.38575

64 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
37.3%	Low Load Humid Climate Timber Shrub
34.4%	Moderate Load Dry Climate Grass Shrub
8.5%	Timber Litter
6.1%	Timber Understory

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
49.9%	47.6%	1.8%	0.7%	0.0%	100%

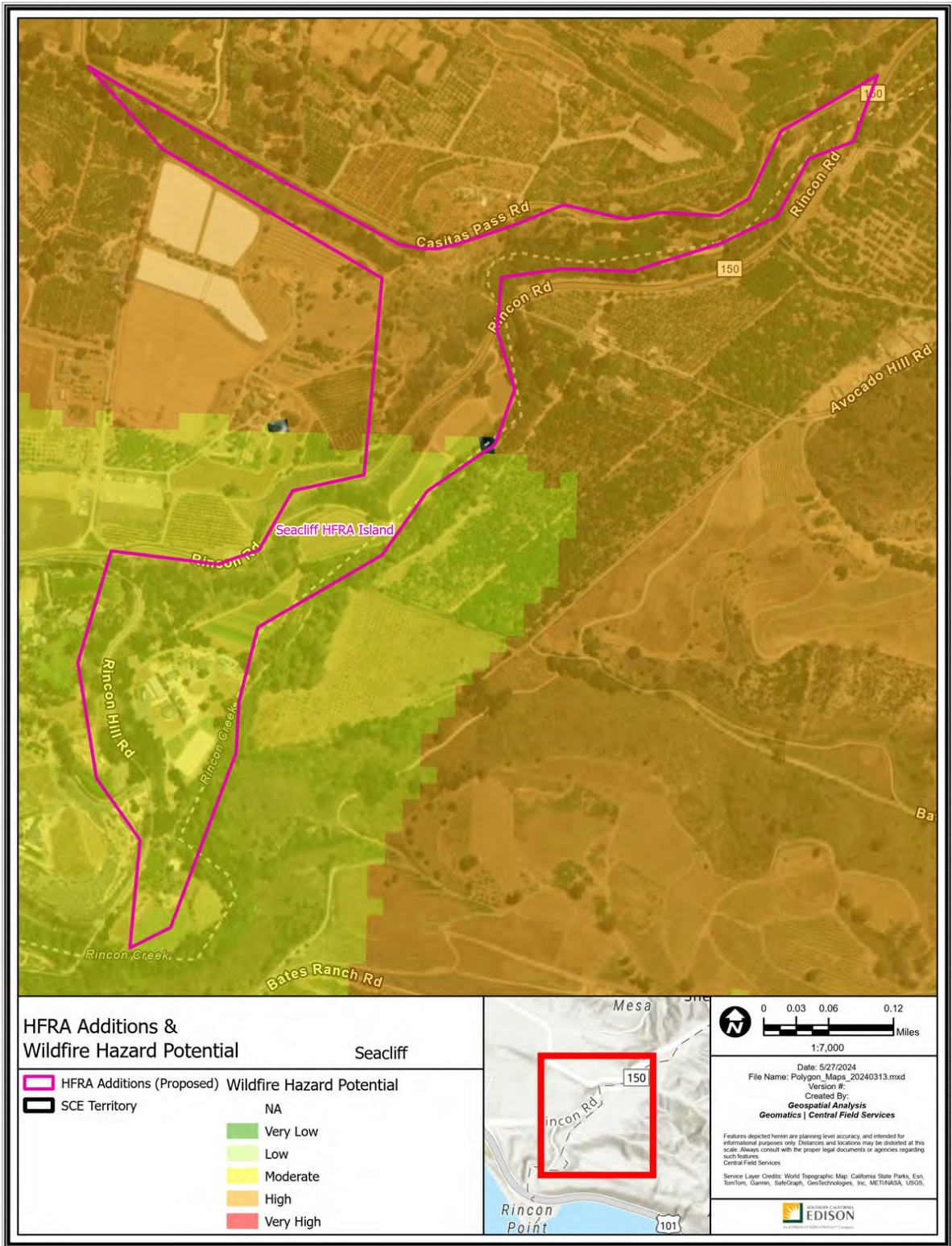
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
1.26	0	0	0	0	1.26

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%)
7	6.65°	4: High	12%

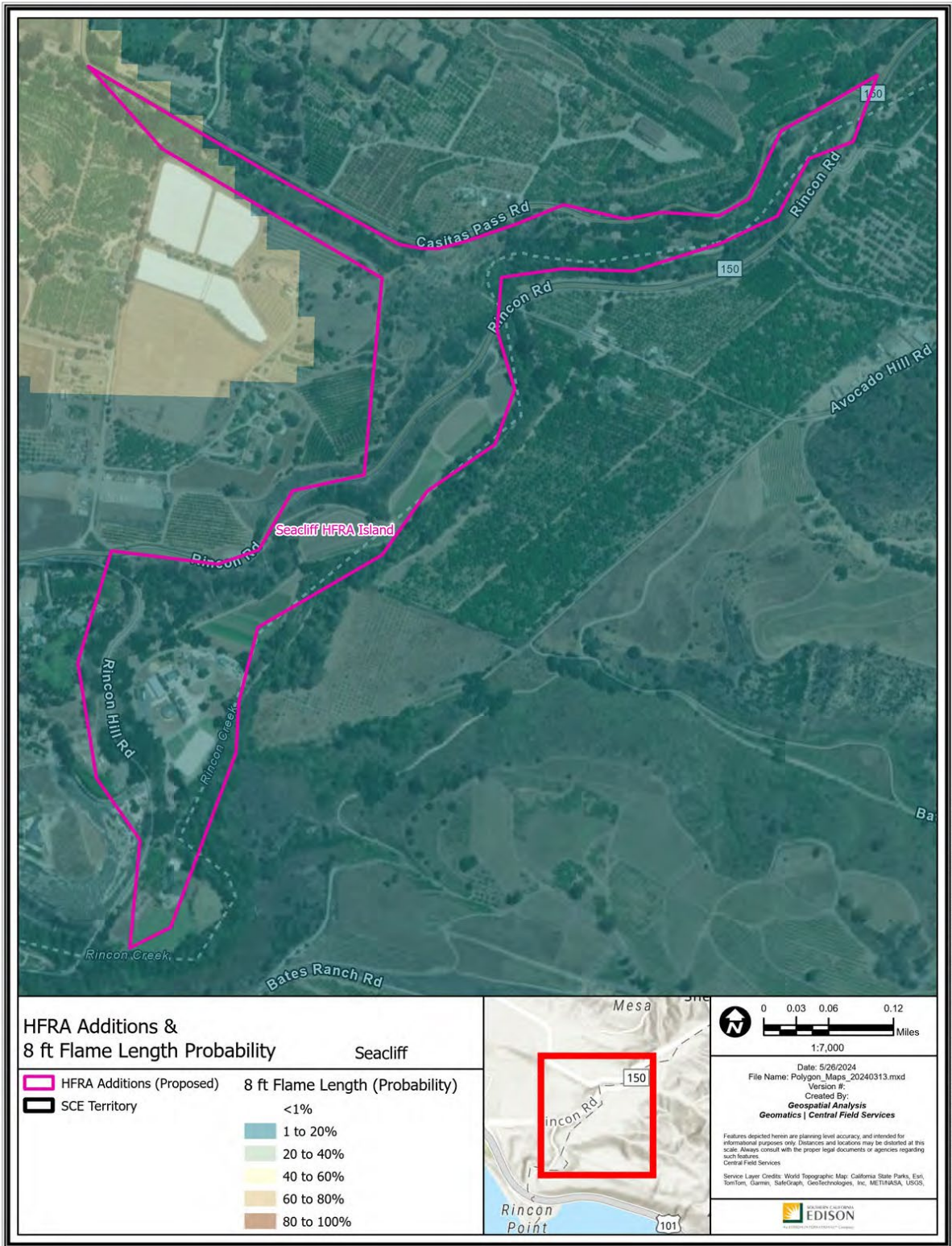
Recommendation:

SCE proposes to include the Seacliff polygon as Tier 2 HFTD. This addition would extend existing Tier 2 HFTD to include adjacent moderately vegetated areas with complex terrain and burnable fuel loads that would bridge a narrow band between existing Tier 2 HFTD with consistent terrain and vegetation. This recommendation is also supported by the following facts:

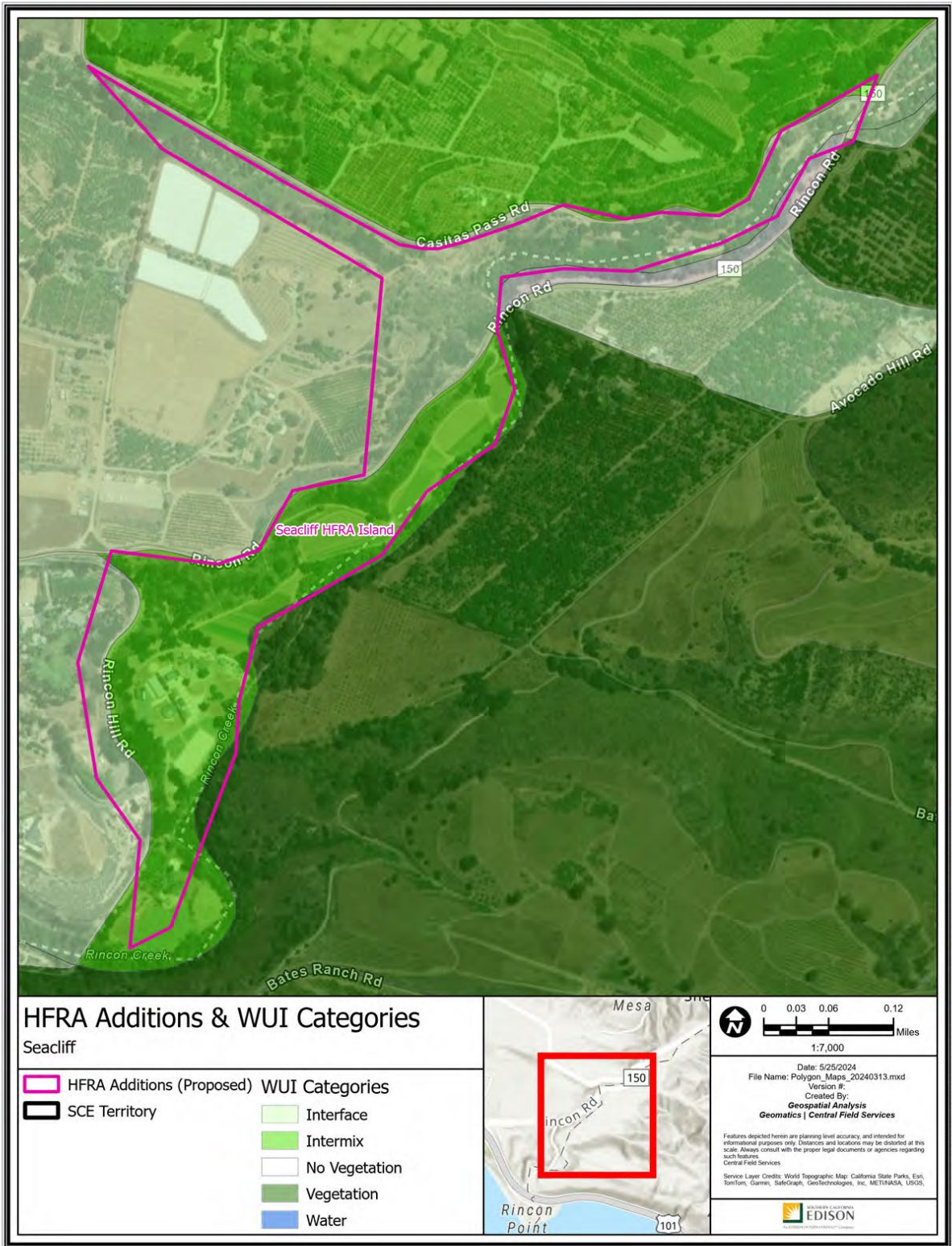
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. High Wildfire Hazard Potential is indicated by USFS data for a portion of this polygon.
3. The boundary of the polygon is drawn along the edge of maintained agricultural fields and Rincon Road.



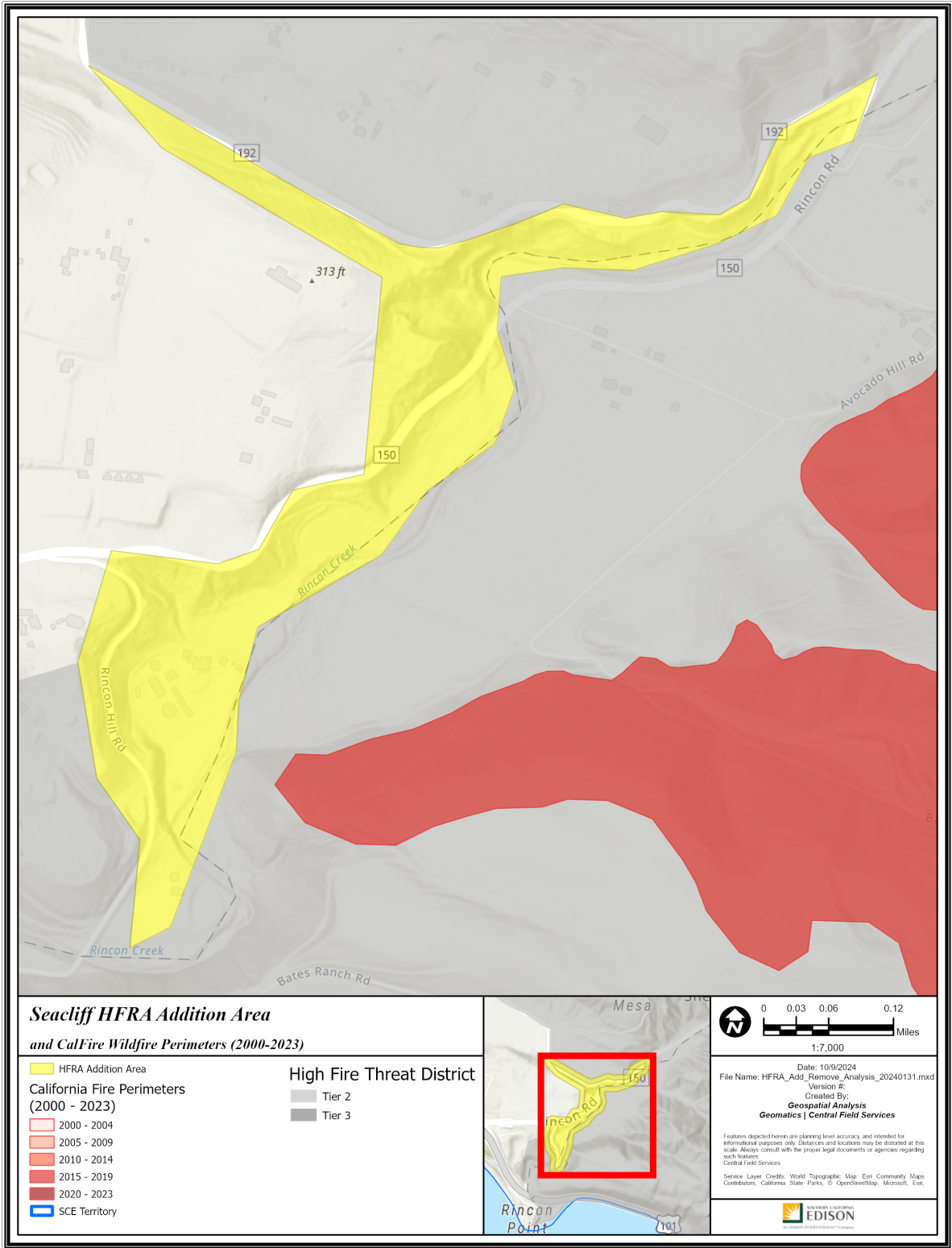
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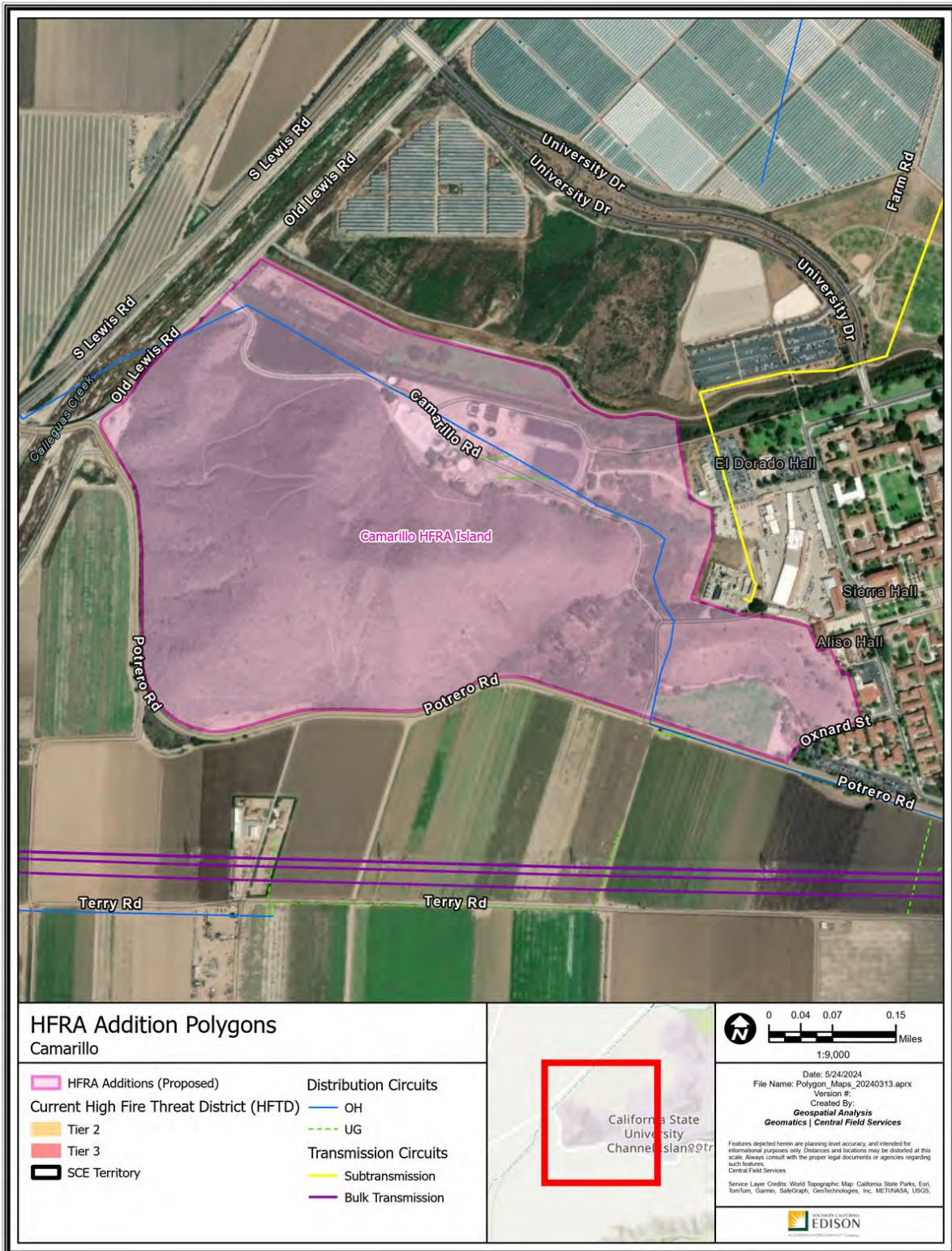
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A37 – Camarillo

Ventura County

-119.054071, 34.162898

198 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
58.9%	Moderate Load Dry Climate Grass Shrub
21.5%	Low Load Dry Climate Grass
6.1%	Low Load Humid Climate Timber Shrub
3.4%	Very High Load Dry Climate Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	0.0%	60.6%	39.4%	0.0%	100%

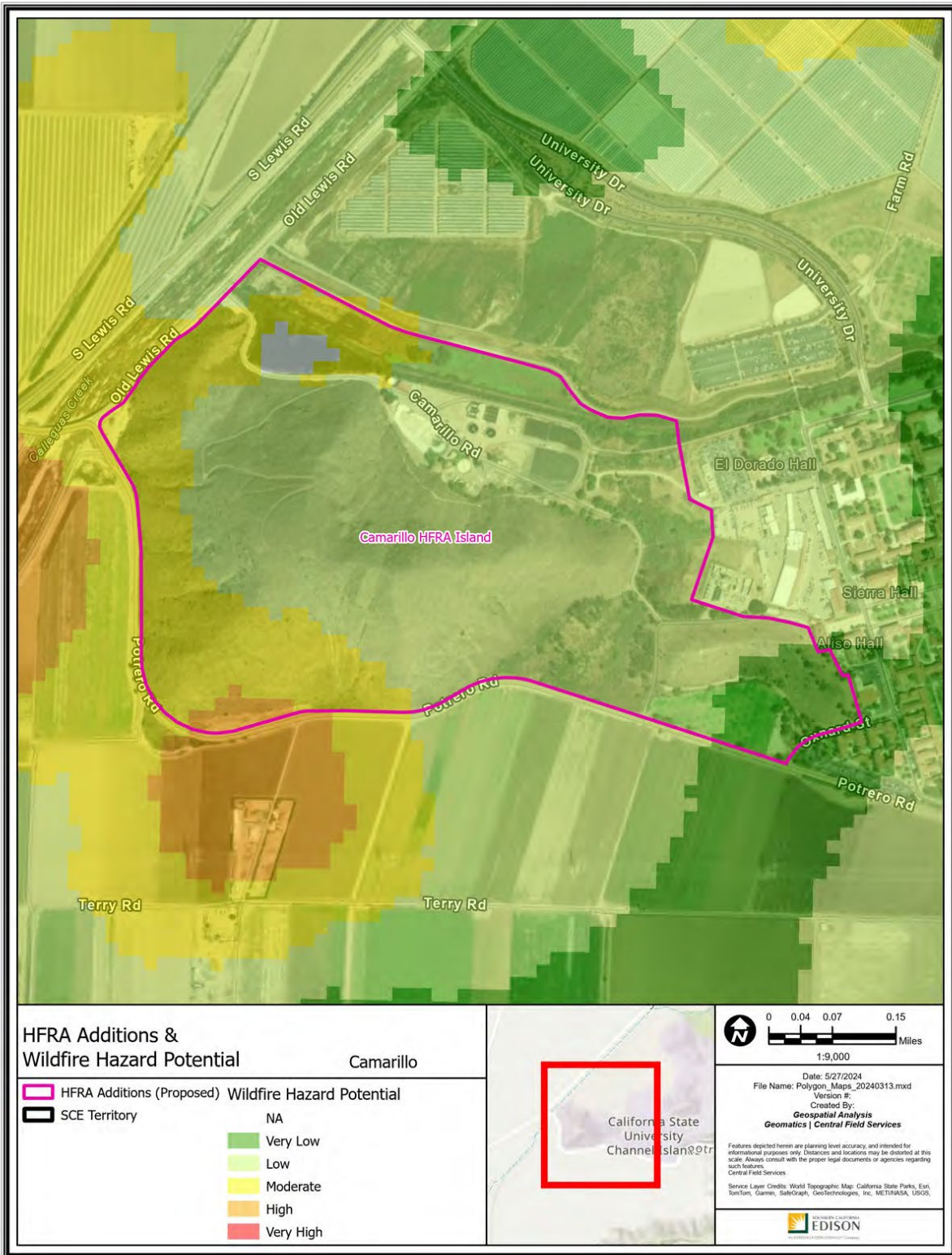
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.89	0.15	0	0	0	1.04

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	11.02°	2: Low	8%

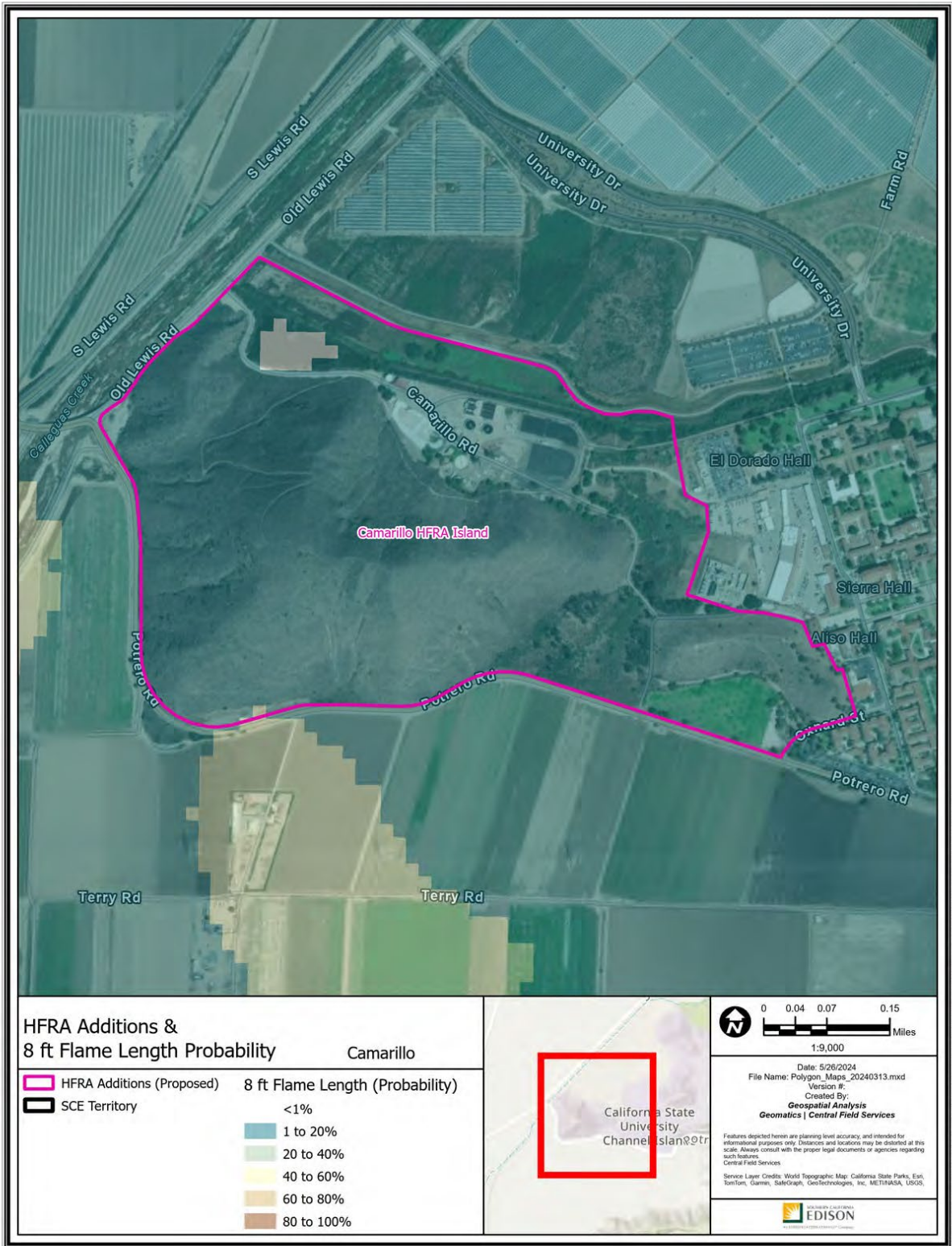
Recommendation:

SCE proposes to include the Camarillo polygon as Tier 2 HFTD. This polygon features complex terrain with unmaintained and unirrigated moderate load fuels adjacent to California State University, Channel Islands. This recommendation is also supported by the following facts:

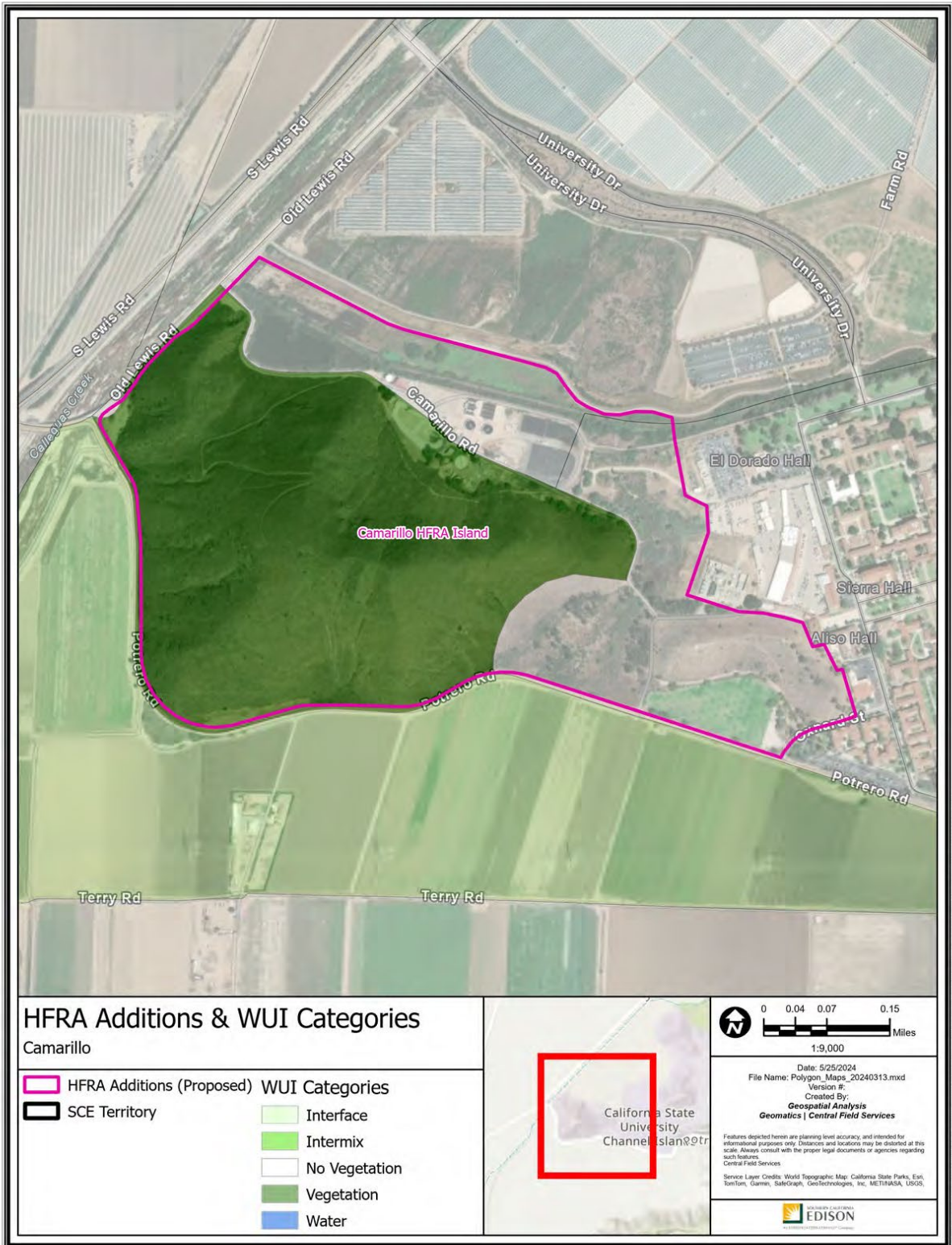
1. Wildland-Urban Interface in this polygon presents elevated wildfire risk as fires may spread to man-made structures.
2. This addition is adjacent to areas that met threshold levels of IWMS criteria. The polygon is adjacent to areas that have a high ratio of population to roadways, and therefore could present egress constraints in the event of a wildfire.
3. The boundaries of this polygon are drawn along major roads and the foot of slopes to include complex terrain with elevated wildfire risk. This complex terrain in the polygon may challenge fire suppression efforts and allow a fire to spread more quickly.



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









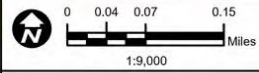
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HFRA Additions & WUI Categories

Camarillo

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



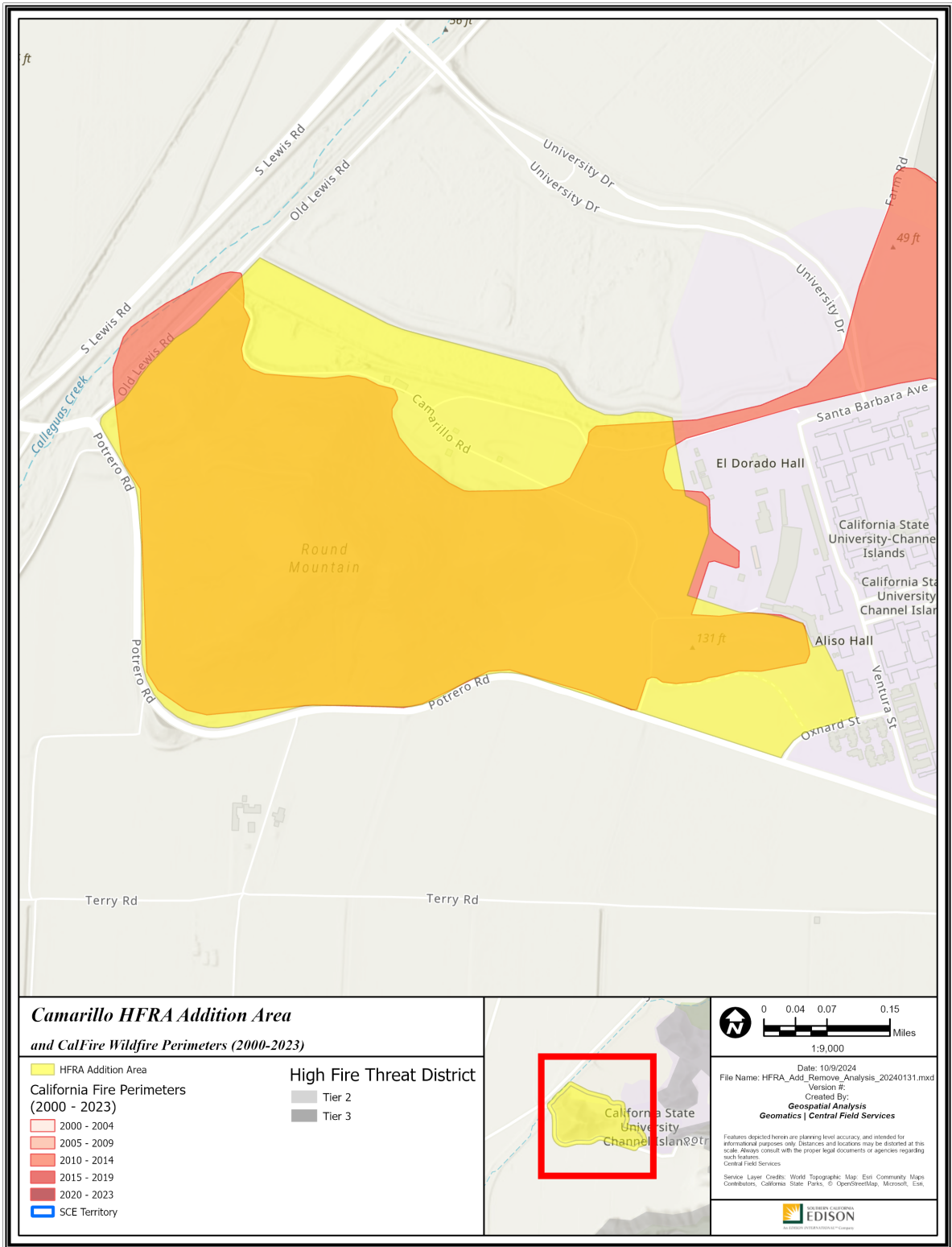
Date: 5/25/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

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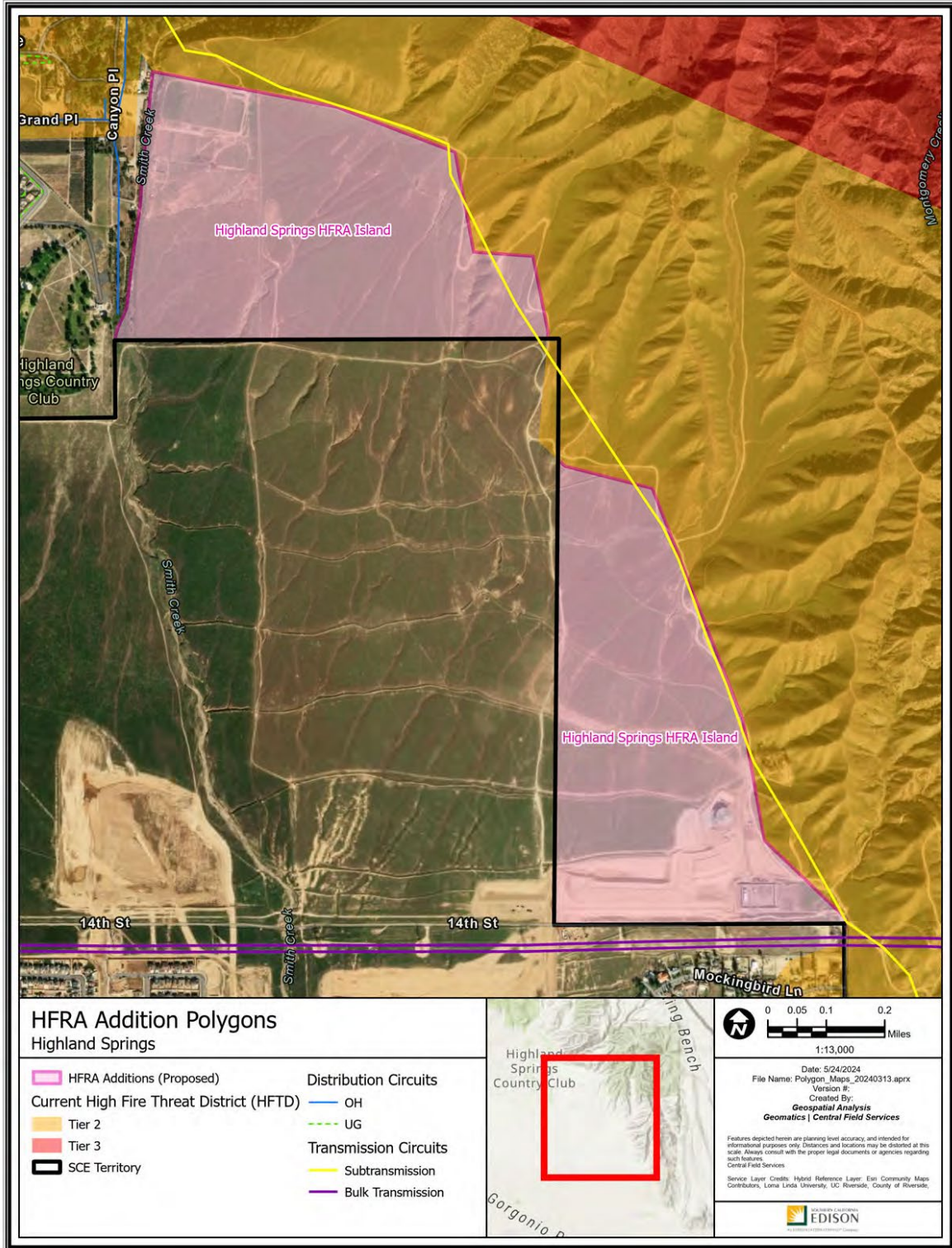
Extension of Existing HFTD Wildland

A38 – Highland Springs

Riverside County

-116.931676, 33.958167

304 Acres



Path: P:\PROJECTS\Special_Analysis\HFTD_Romanian_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
72.0%	Low Load Dry Climate Grass
17.5%	Moderate Load Dry Climate Grass Shrub
9.9%	Short Sparse Dry Climate Grass
0.6%	Minor Roads Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
2.1%	2.0%	3.1%	92.8%	0.0%	100%

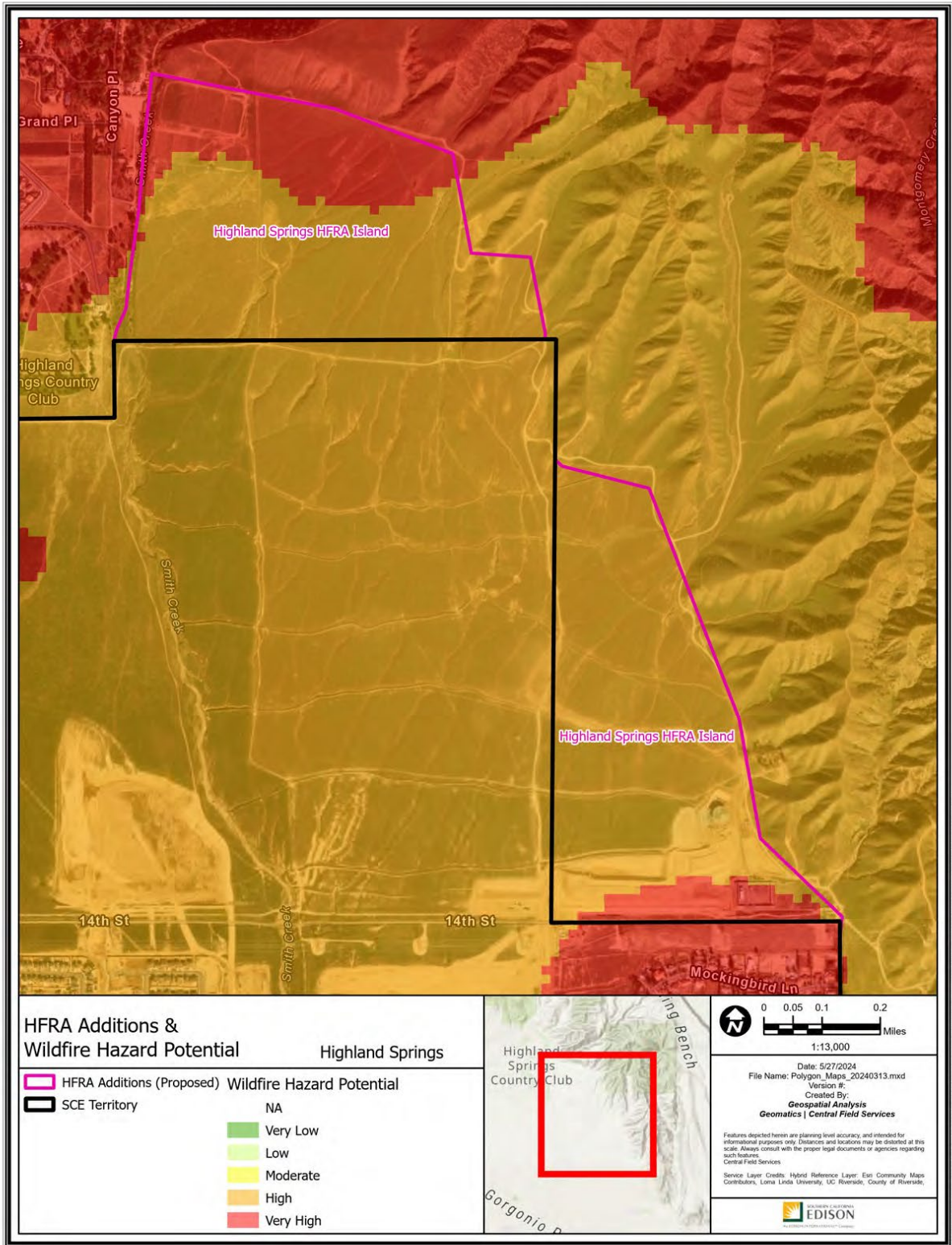
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	0	0.77	0	0	0.77

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%)
0	4.96°	4: High	9%

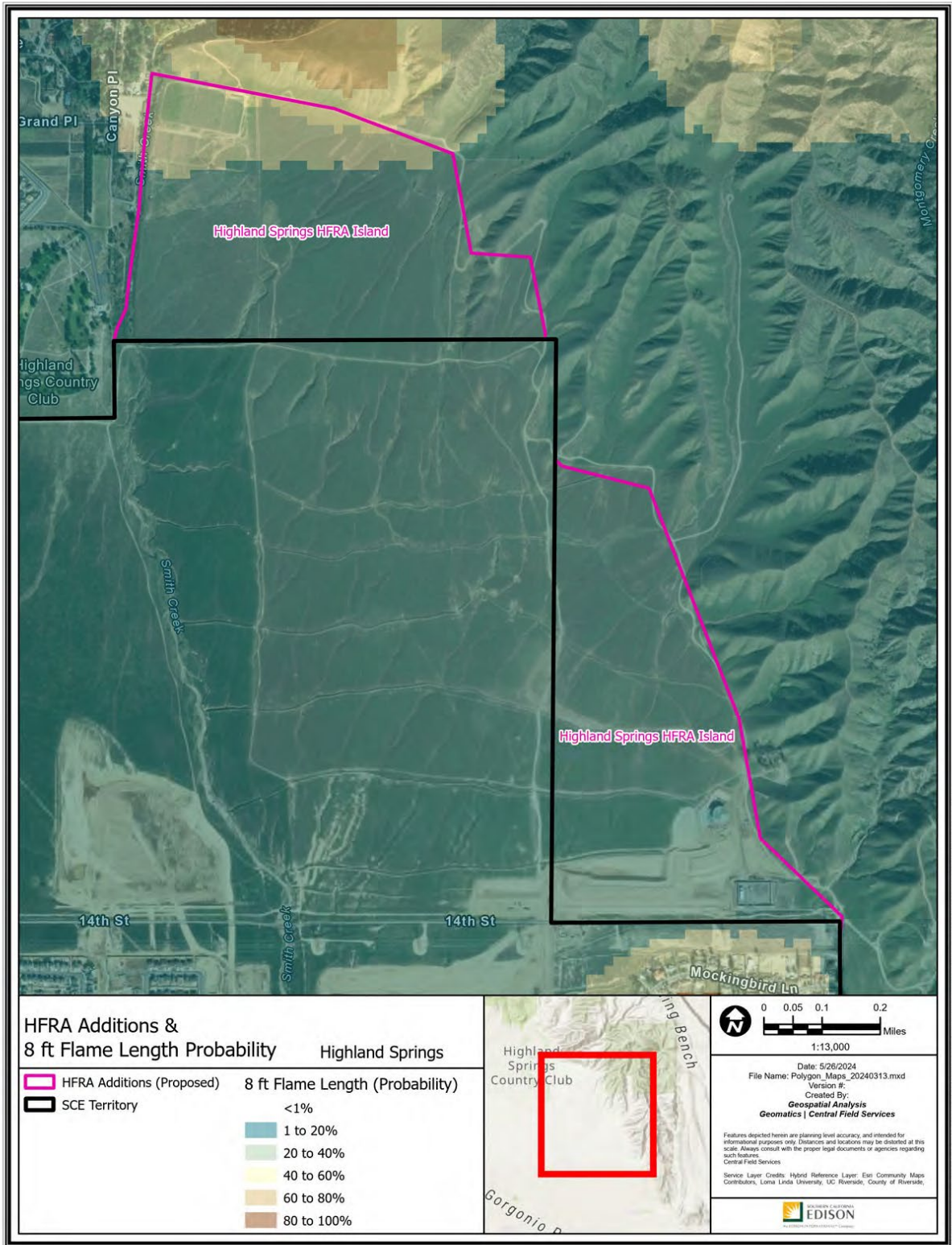
Recommendation:

SCE proposes to include the Highland Springs polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary to unmaintained and unirrigated moderate fuel loads, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

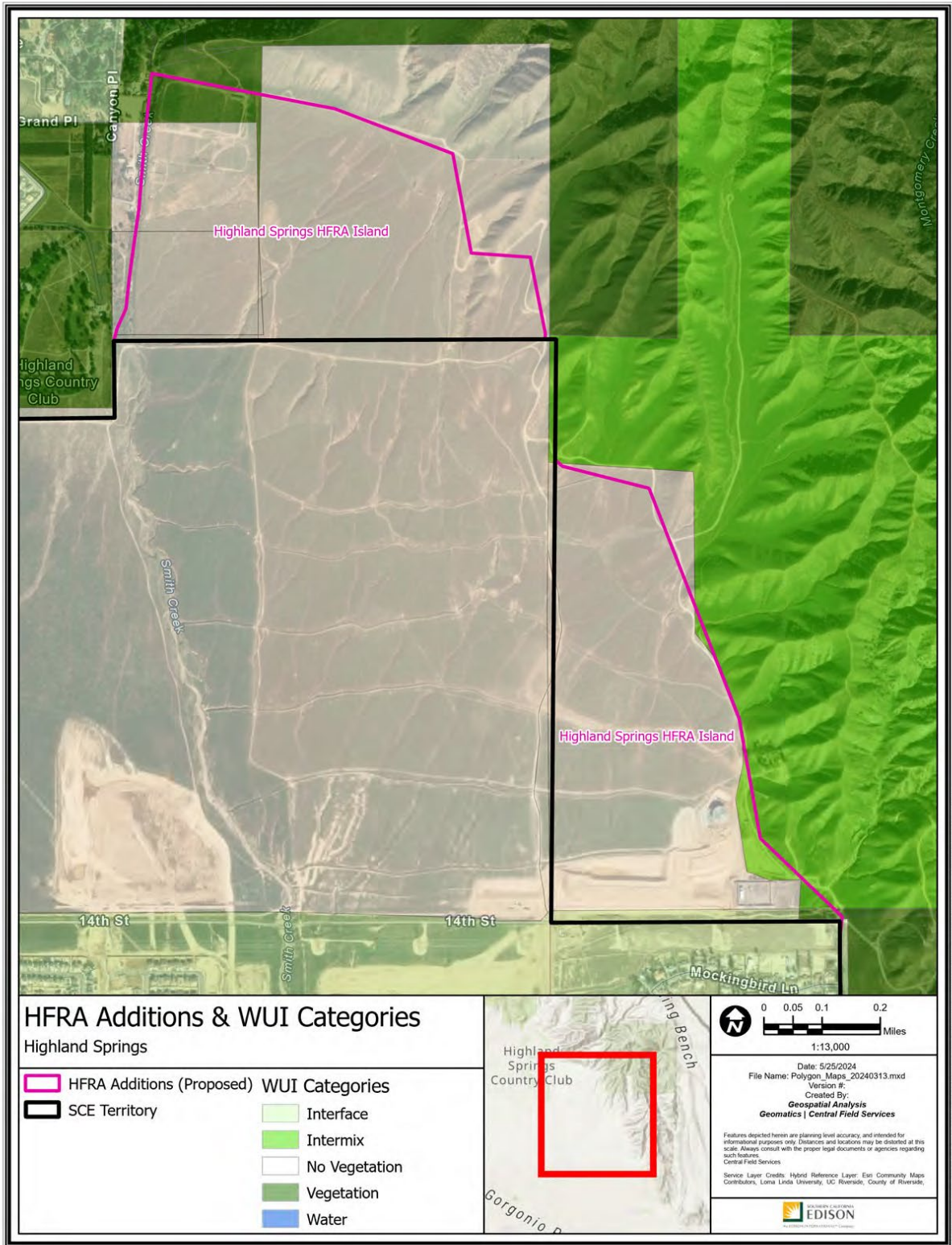
1. Land use and fuel in this polygon match the characteristics of wildland.
2. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
3. The polygon's boundaries were drawn to the edge of SCE's service territory.



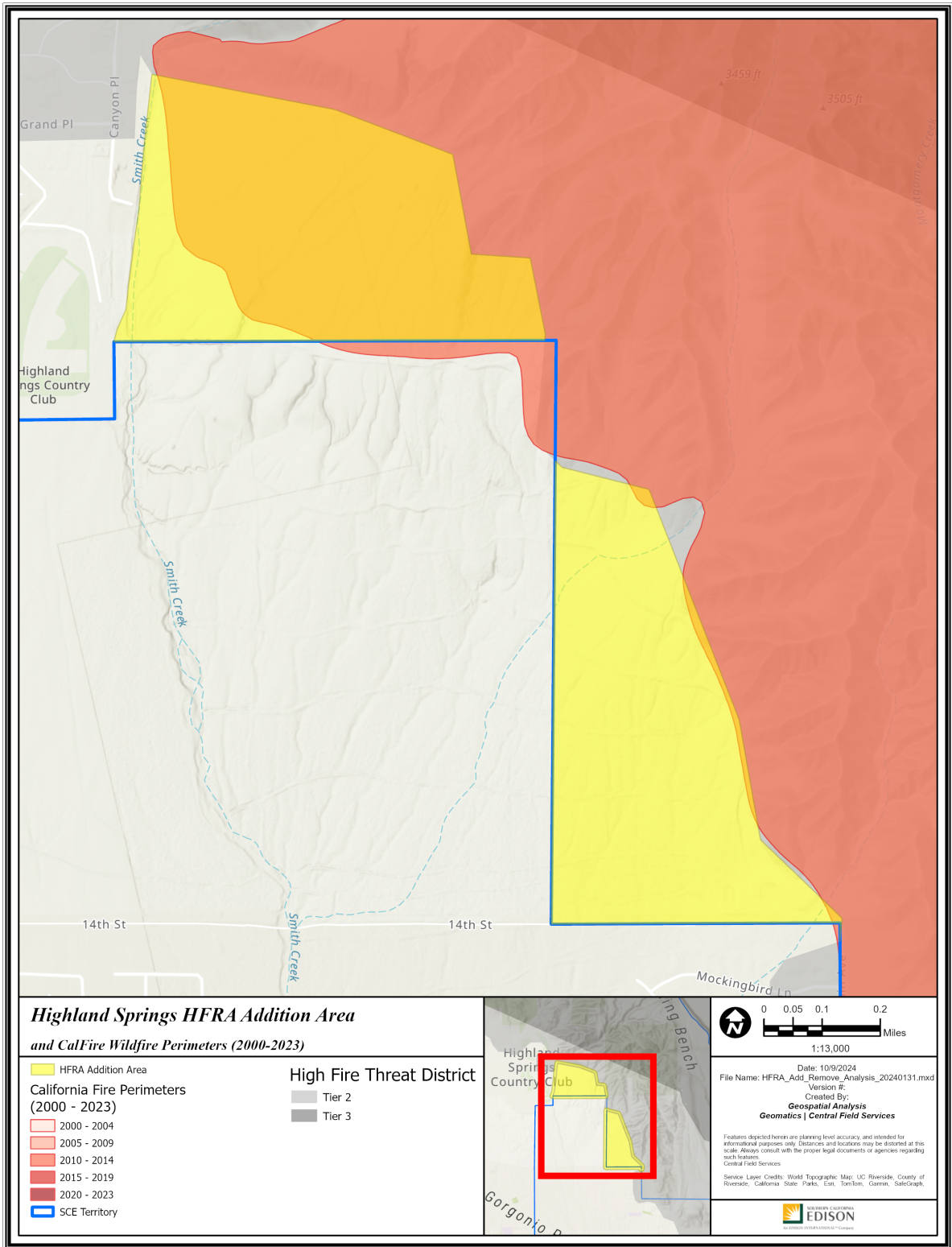
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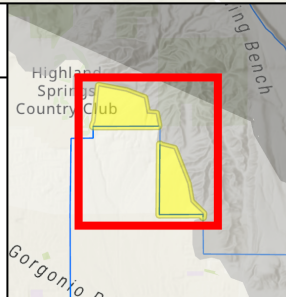


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**Highland Springs HFRA Addition Area
and CalFire Wildfire Perimeters (2000-2023)**

 HFRA Addition 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	



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

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

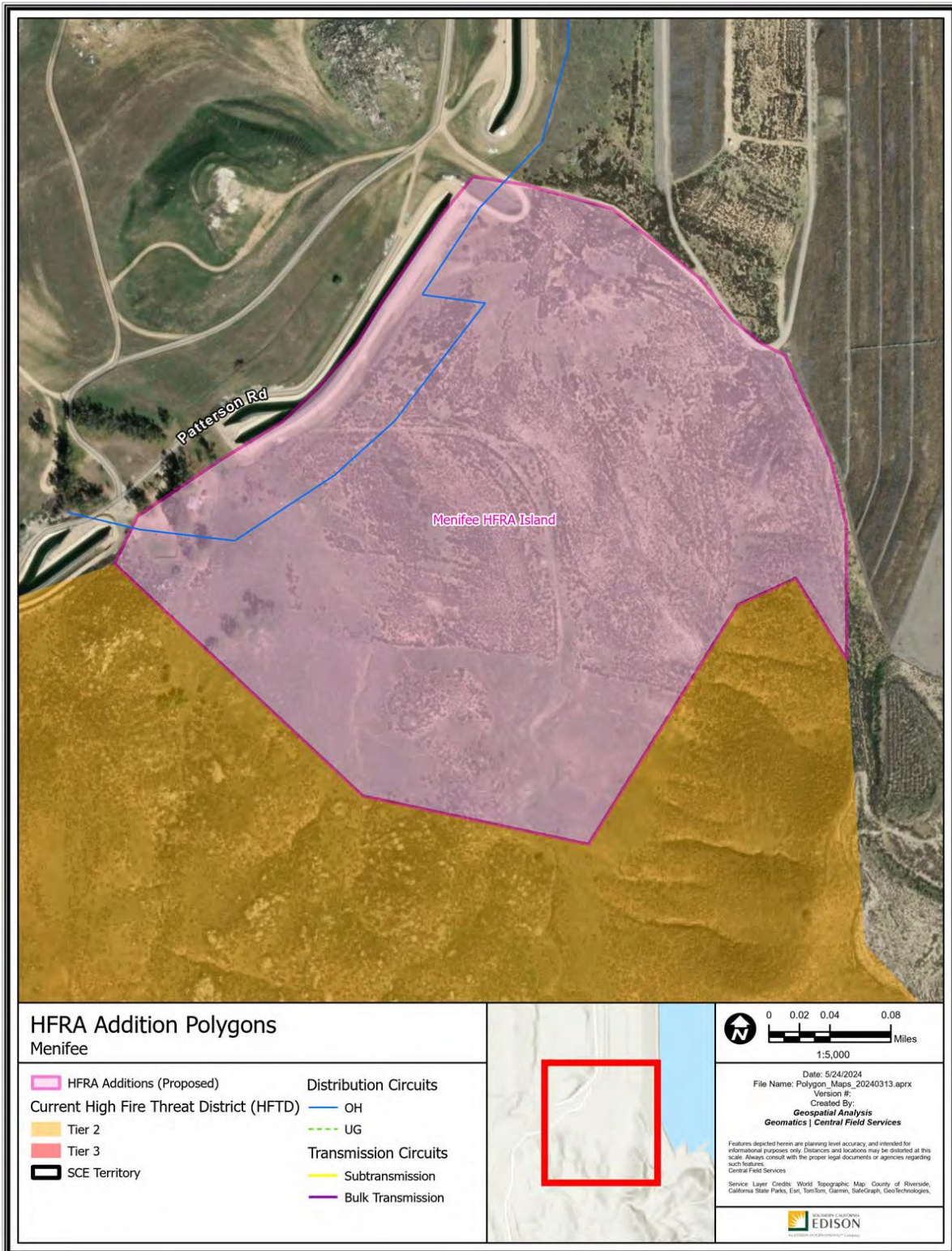
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A39 – Menifee

Riverside County

-117.070955, 33.660884

79 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
97.0%	Moderate Load Dry Climate Grass Shrub
2.7%	Low Load Dry Climate Grass
0.4%	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%	100.0%	0.0%	0.0%	100%

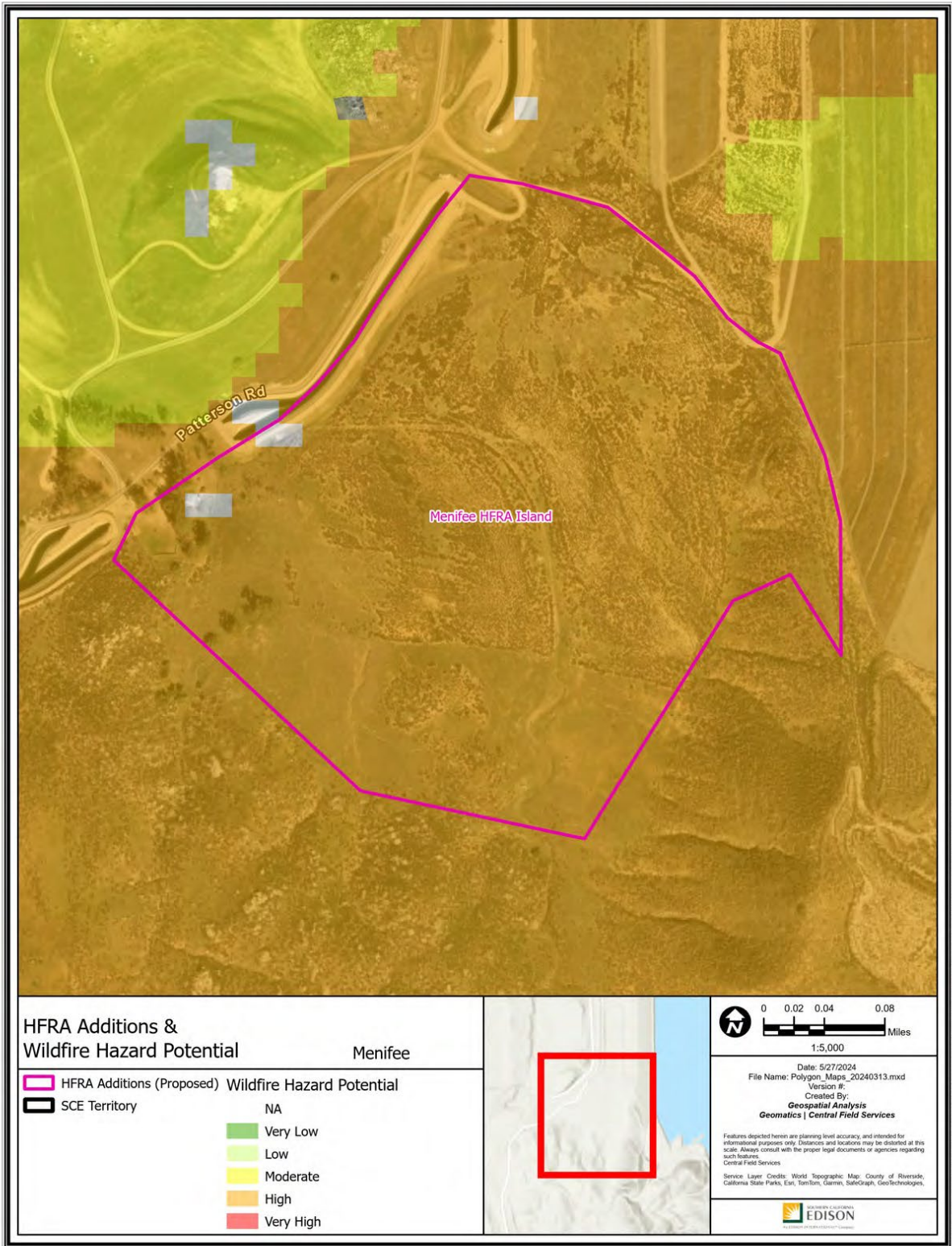
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.43	0	0	0	0	0.43

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%)
0	3.44°	4: High	2%

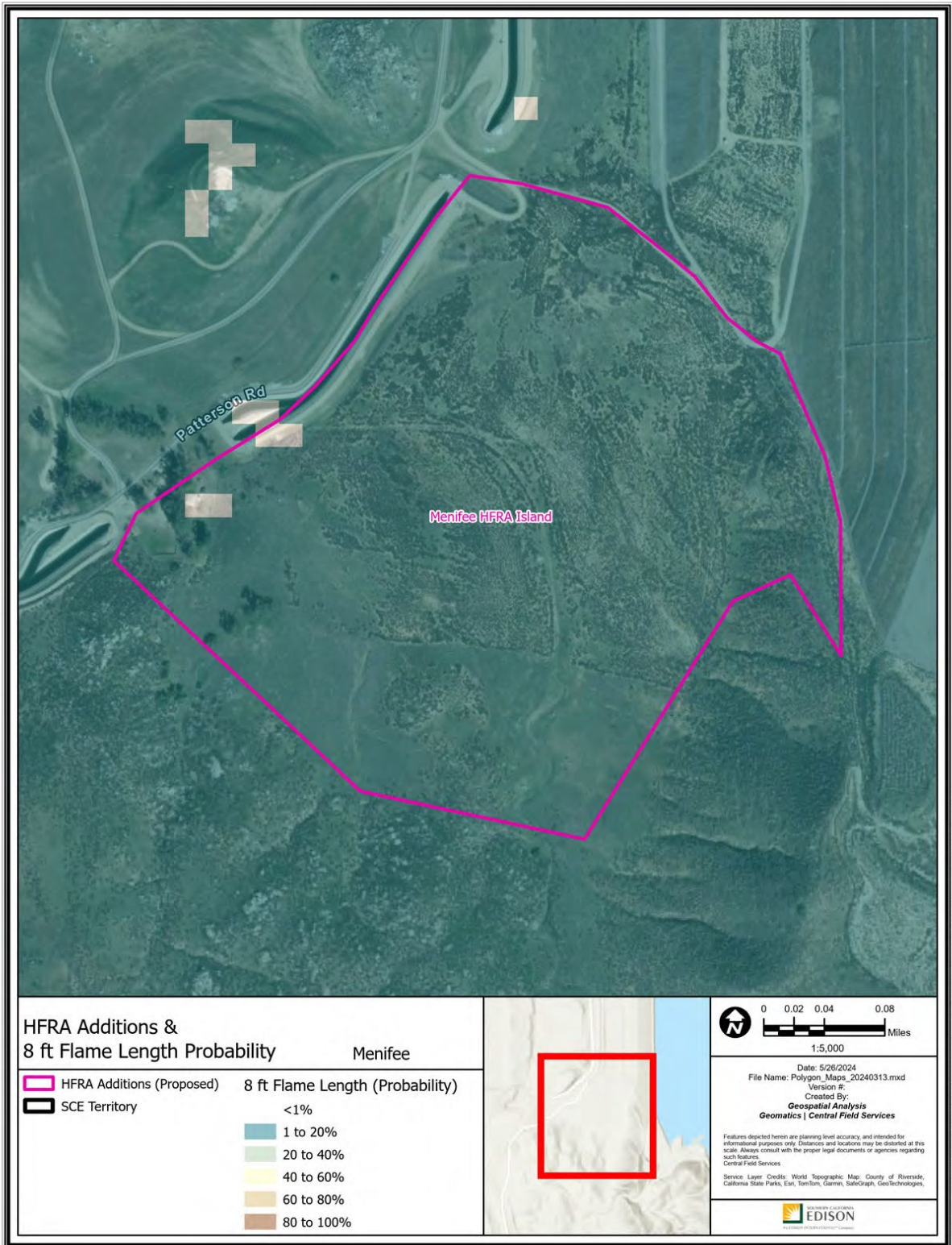
Recommendation:

SCE proposes to include the Meniffee polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary into unmaintained and unirrigated moderate load fuels, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

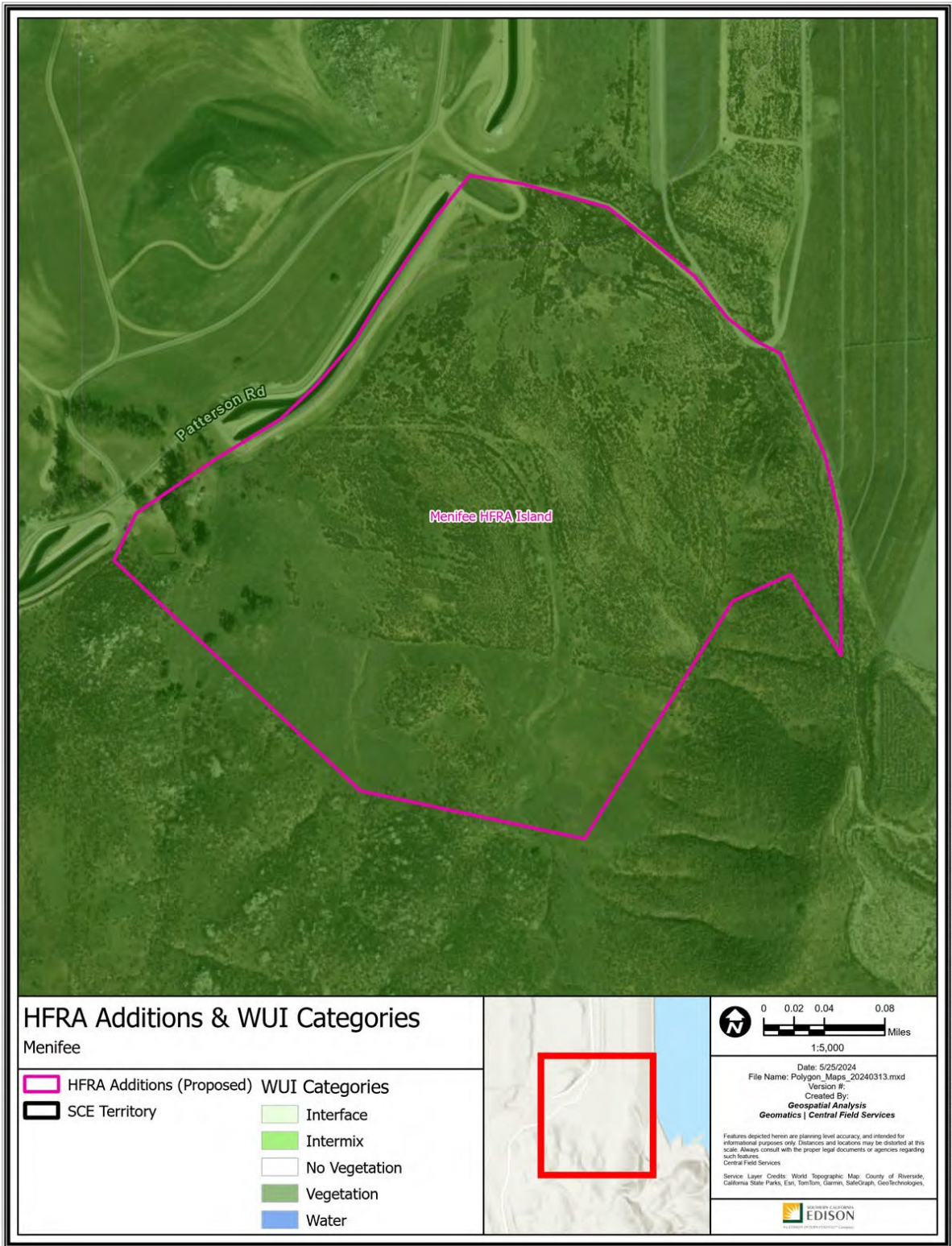
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. This addition is adjacent to areas that met threshold levels of IWMS criteria. The polygon is adjacent to areas where wildfire consequence modeling indicates High Consequence outputs.
3. High Wildfire Hazard Potential is indicated by USFS data for a portion of this polygon.
4. Local roads, terrain, and urban features are used as firebreaks to draw this polygon's boundaries.



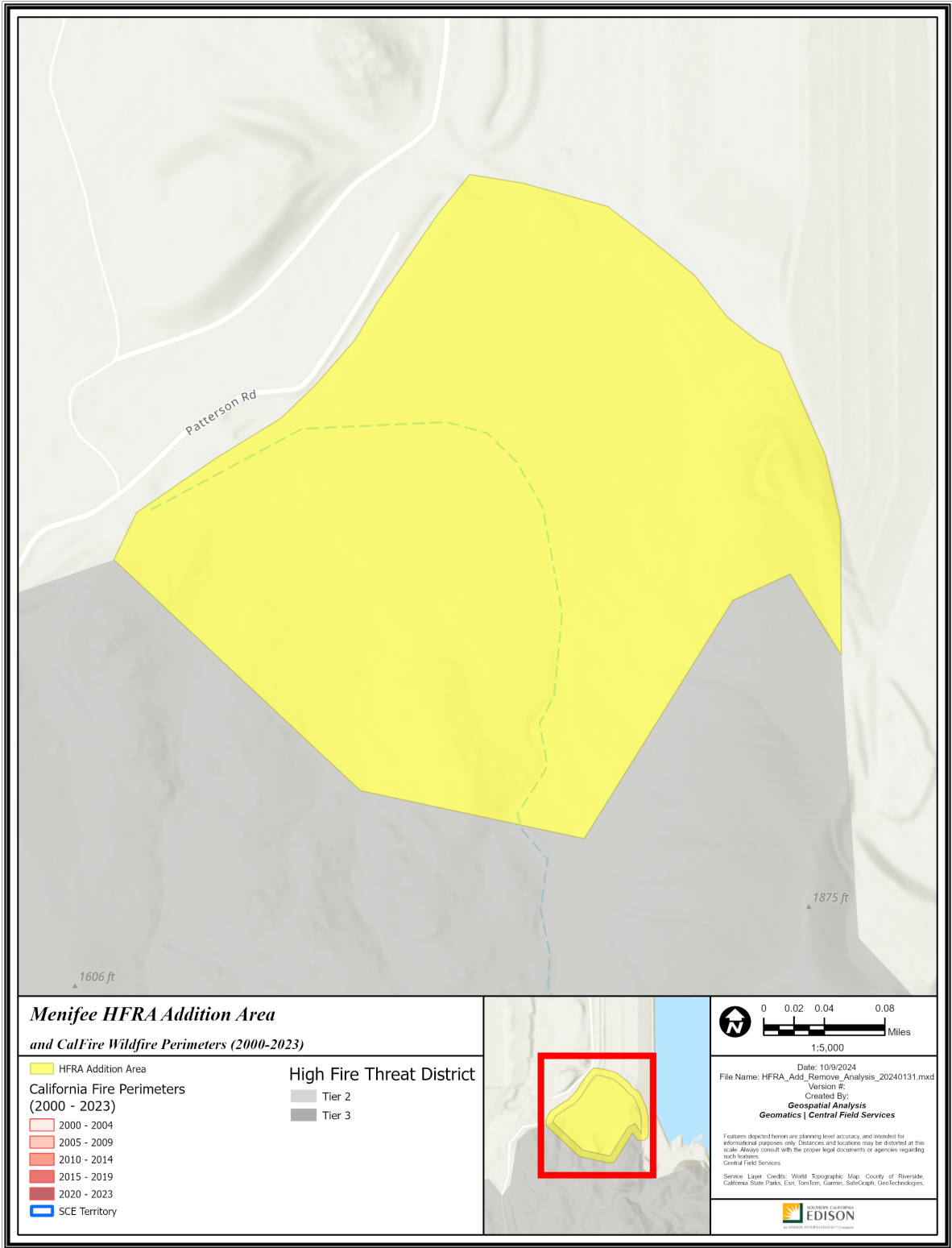
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**Menifee HFRA Addition Area
and CalFire Wildfire Perimeters (2000-2023)**


- HFRA Addition 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 0.02 0.04 0.08 Miles
1:5,000

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, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies.



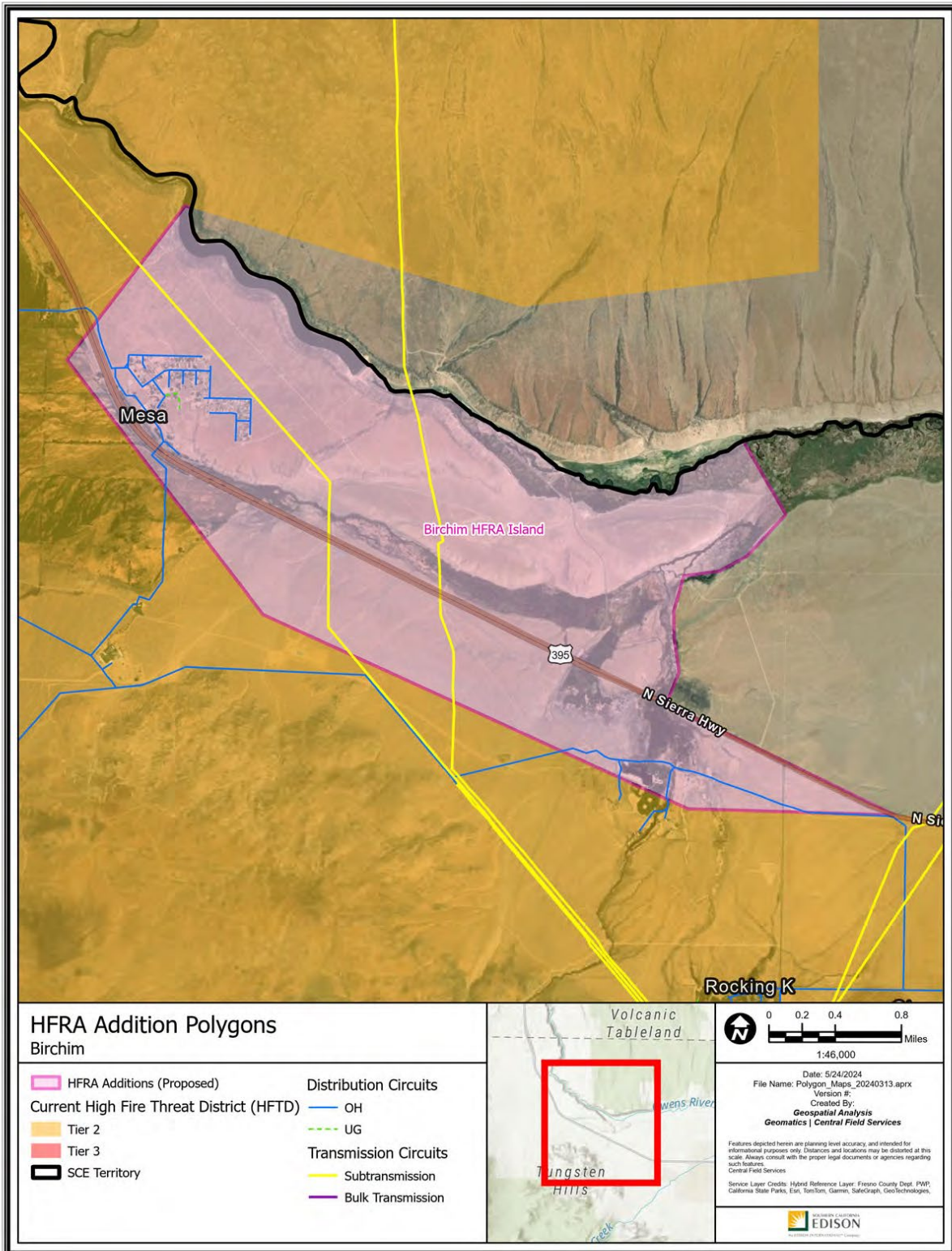
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A40 – Birchim

Inyo County

-118.516464, 37.400942

4,376 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
32.1%	Short Sparse Dry Climate Grass
28.9%	Low Load Dry Climate Shrub
18.6%	Moderate Load Dry Climate Grass Shrub
7.4%	Low Load Dry Climate Grass

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.1%	0.8%	90.9%	5.9%	2.2%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
6.3	0.18	4.77	0	2.3	13.55

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%)
126	3.63°	1: Very Low	14%

Recommendation:

SCE proposes to include the Birchim polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary across an area with similar fuels and terrain, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

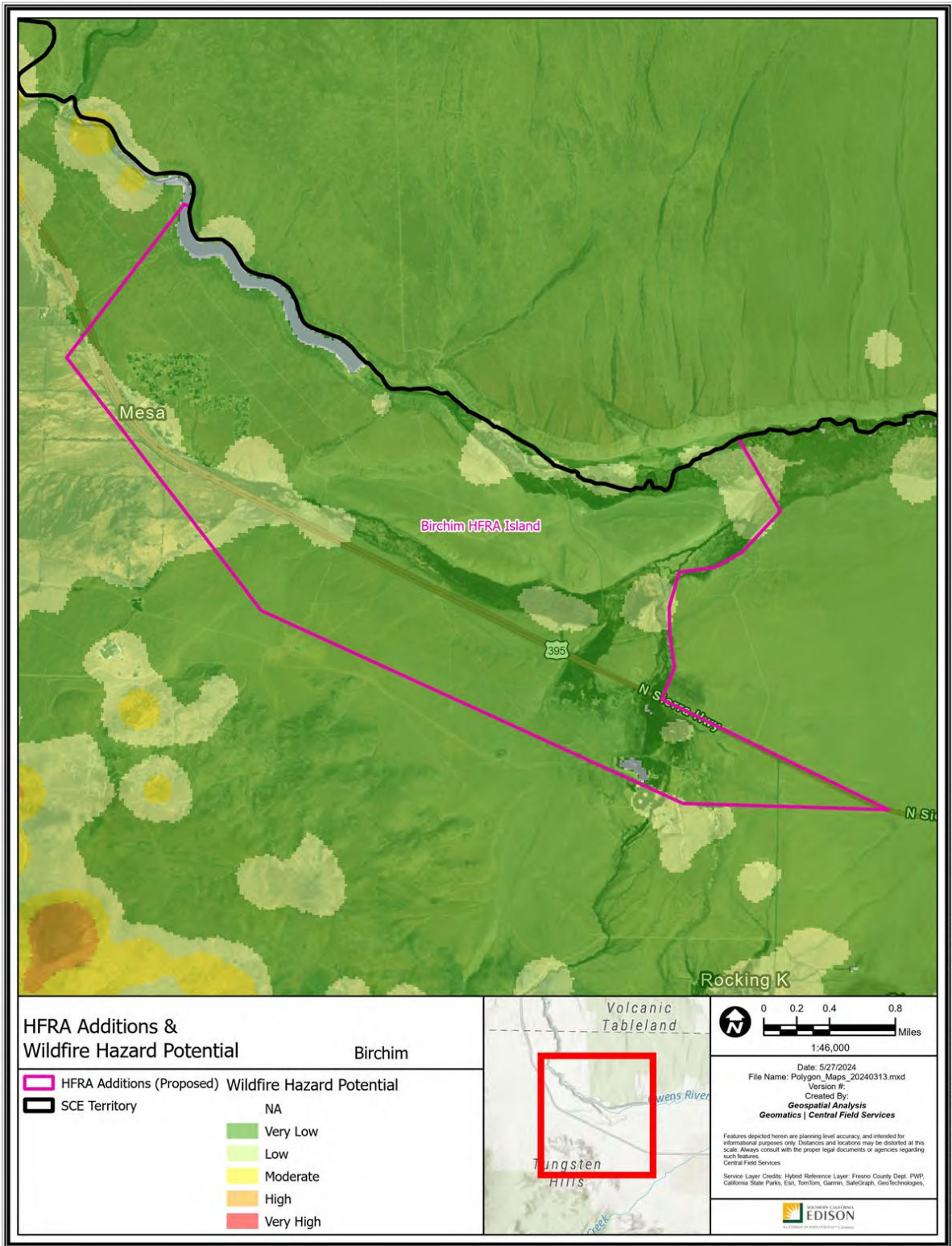
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. This addition is adjacent to areas that met threshold levels of IWMS criteria:
 - a. The polygon is adjacent to areas that have extreme high wind exposure.
 - b. The polygon is adjacent to areas where wildfire consequence modeling indicates High Consequence outputs.
3. Highway 395 and Owens River are used as a natural firebreak, which is also the boundary of SCE's service territory.



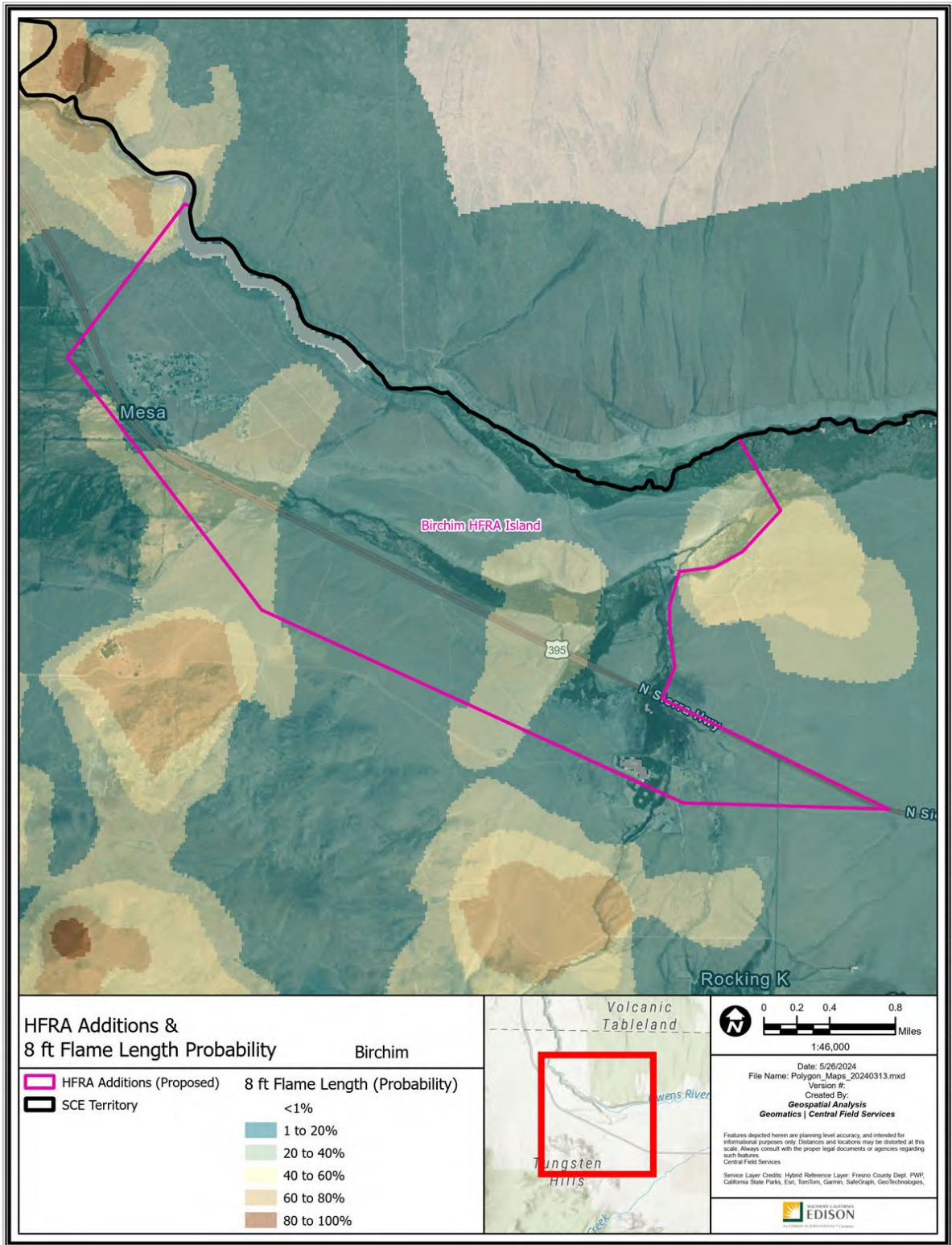
Figure 25 - Birchim - Google Street View 9/2022

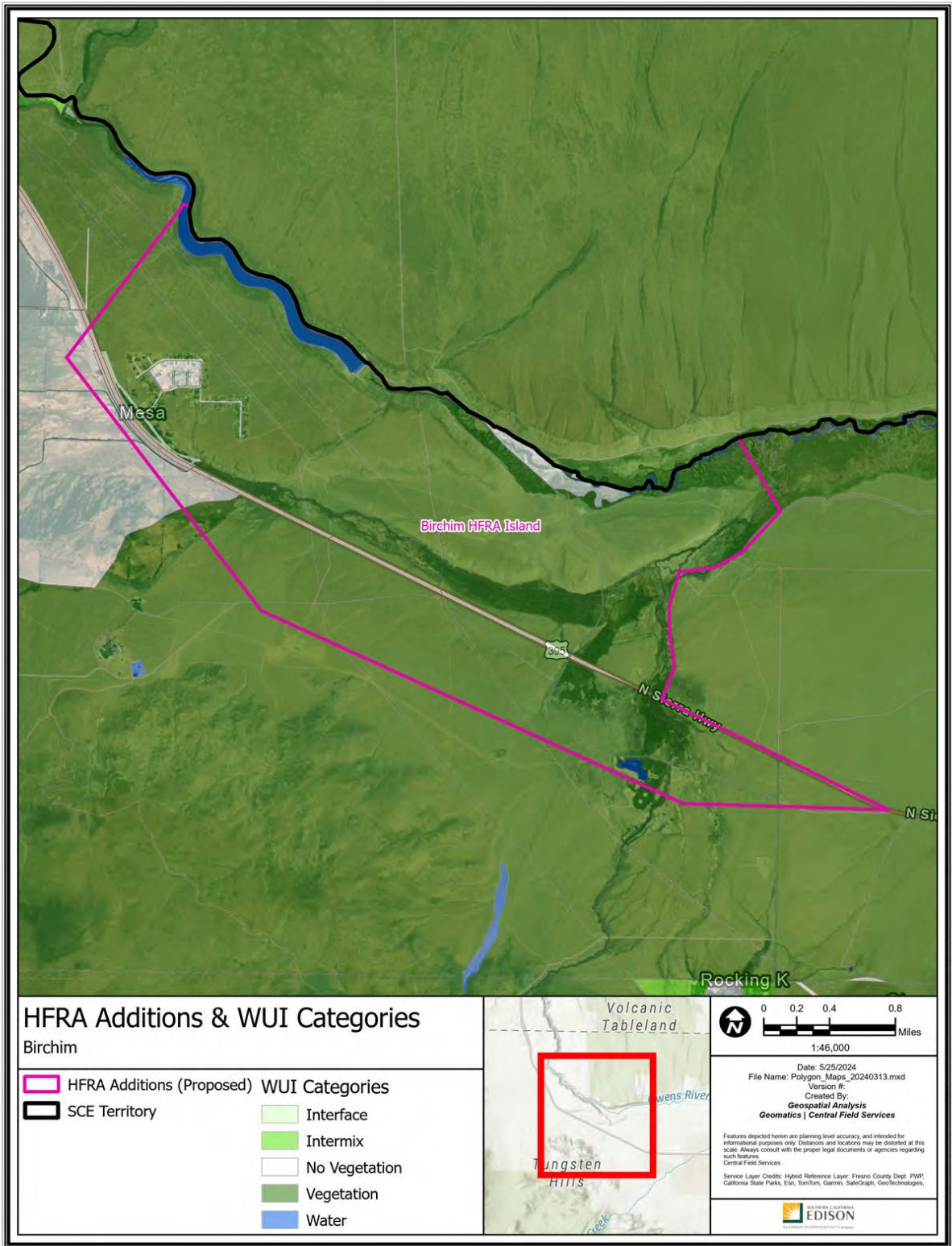


Figure 26 - Birchim Area - SCE Drone Field Observations 6/2022

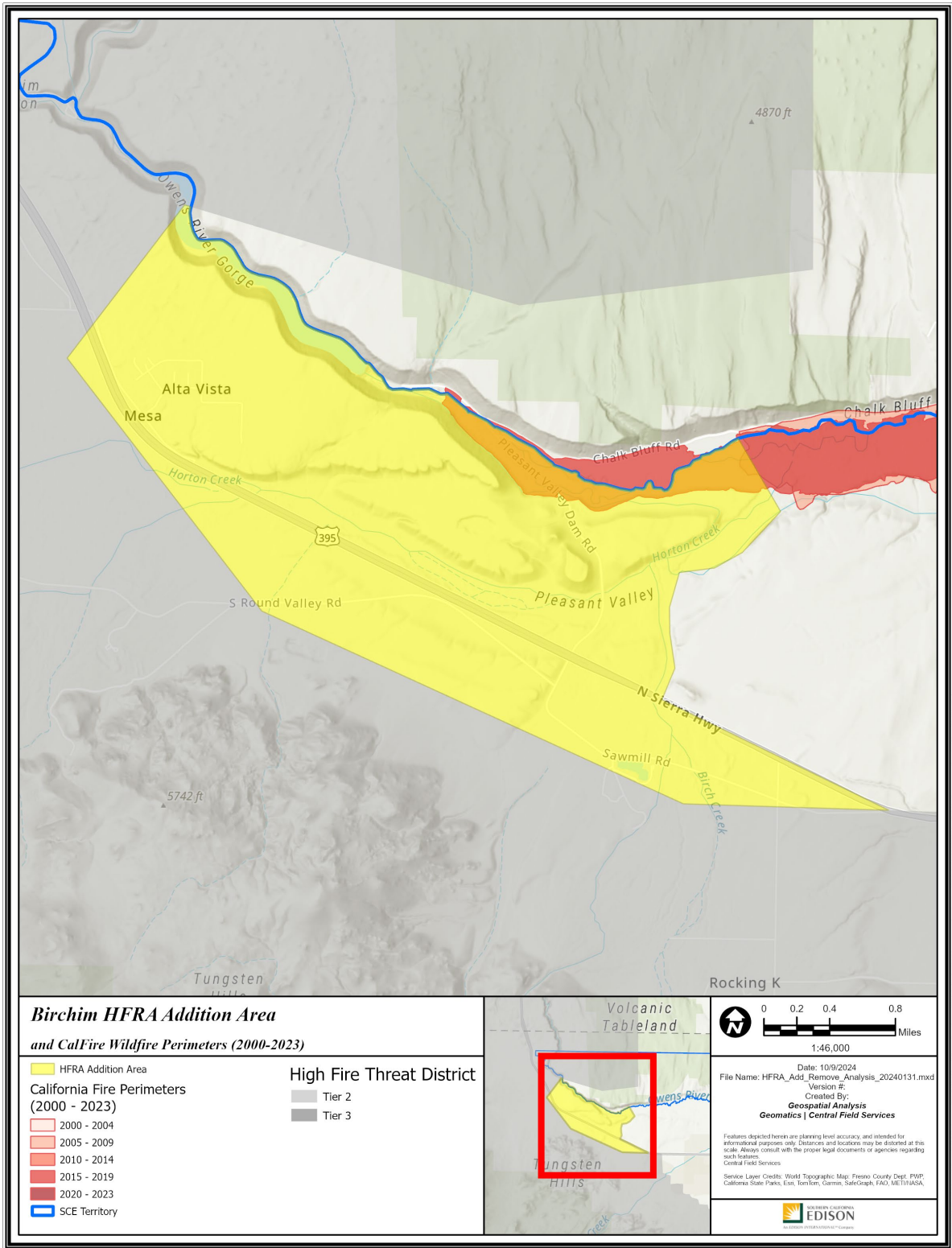


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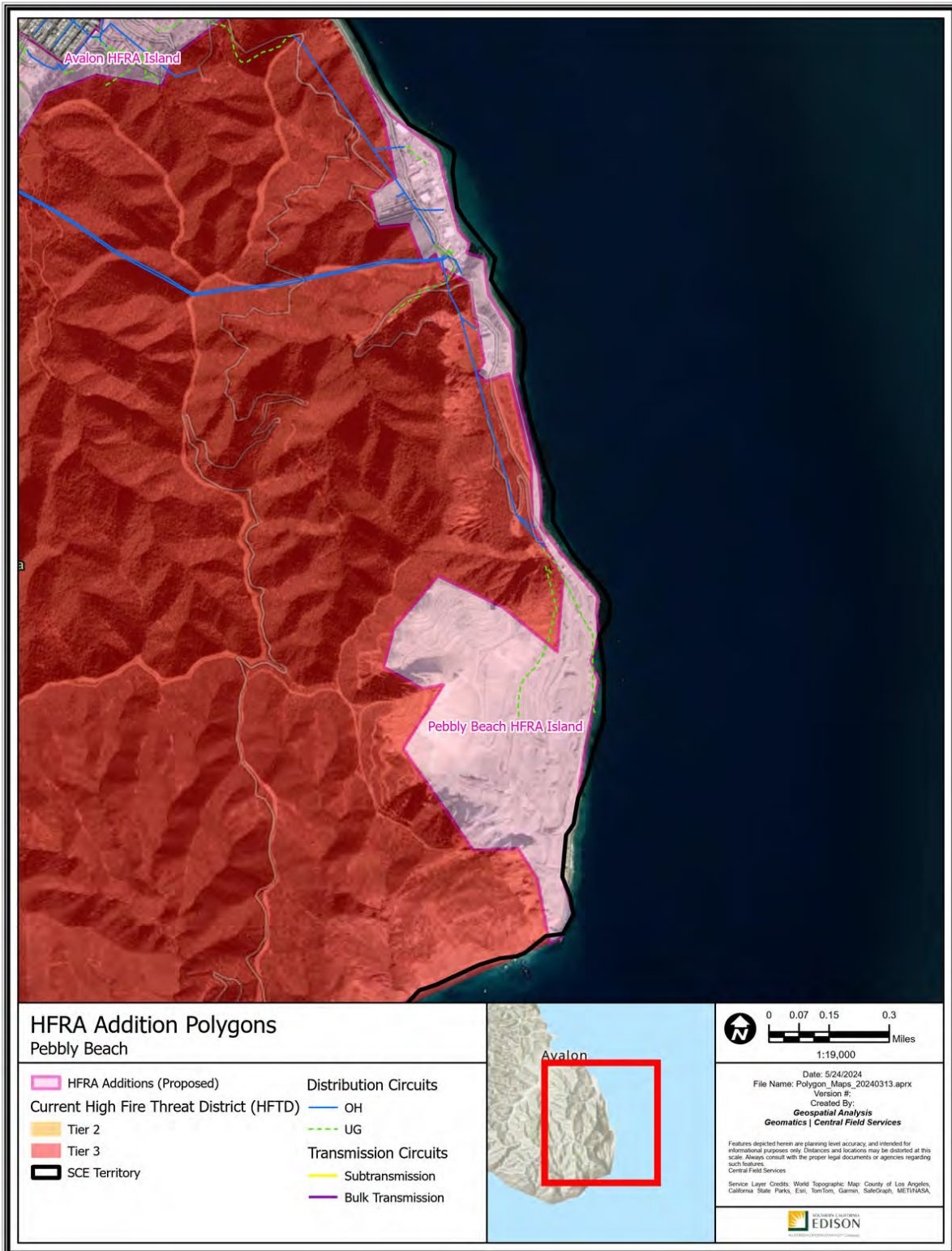
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Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\FRA_AGE_Remove_Analysis_20240131.aprx

A41 – Pebbly Beach

Los Angeles County
-118.308253, 33.319627
226 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
56.0%	Bare Ground
19.0%	Moderate Load Dry Climate Grass Shrub
7.3%	Low Load Dry Climate Grass Shrub
5.3%	Low Load Dry Climate Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
3.7%	0.0%	95.5%	0.0%	0.8%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.51	1.36	0	0	0	1.87

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%)
119	20.18°	2: Low	33%

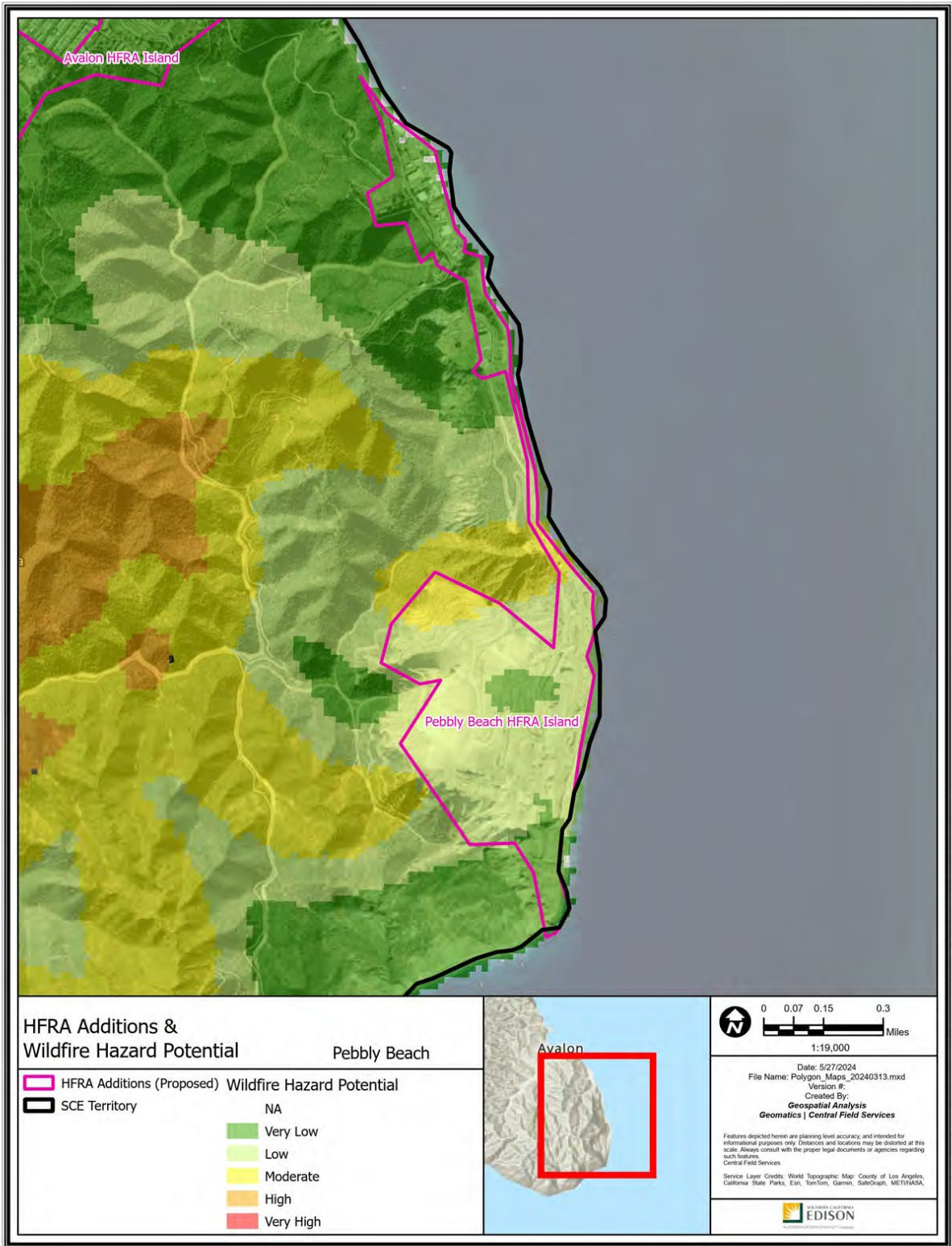
Recommendation:

SCE proposes to include the Pebble Beach polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary into moderate fuel loads in very complex terrain. This recommendation is also supported by the following facts:

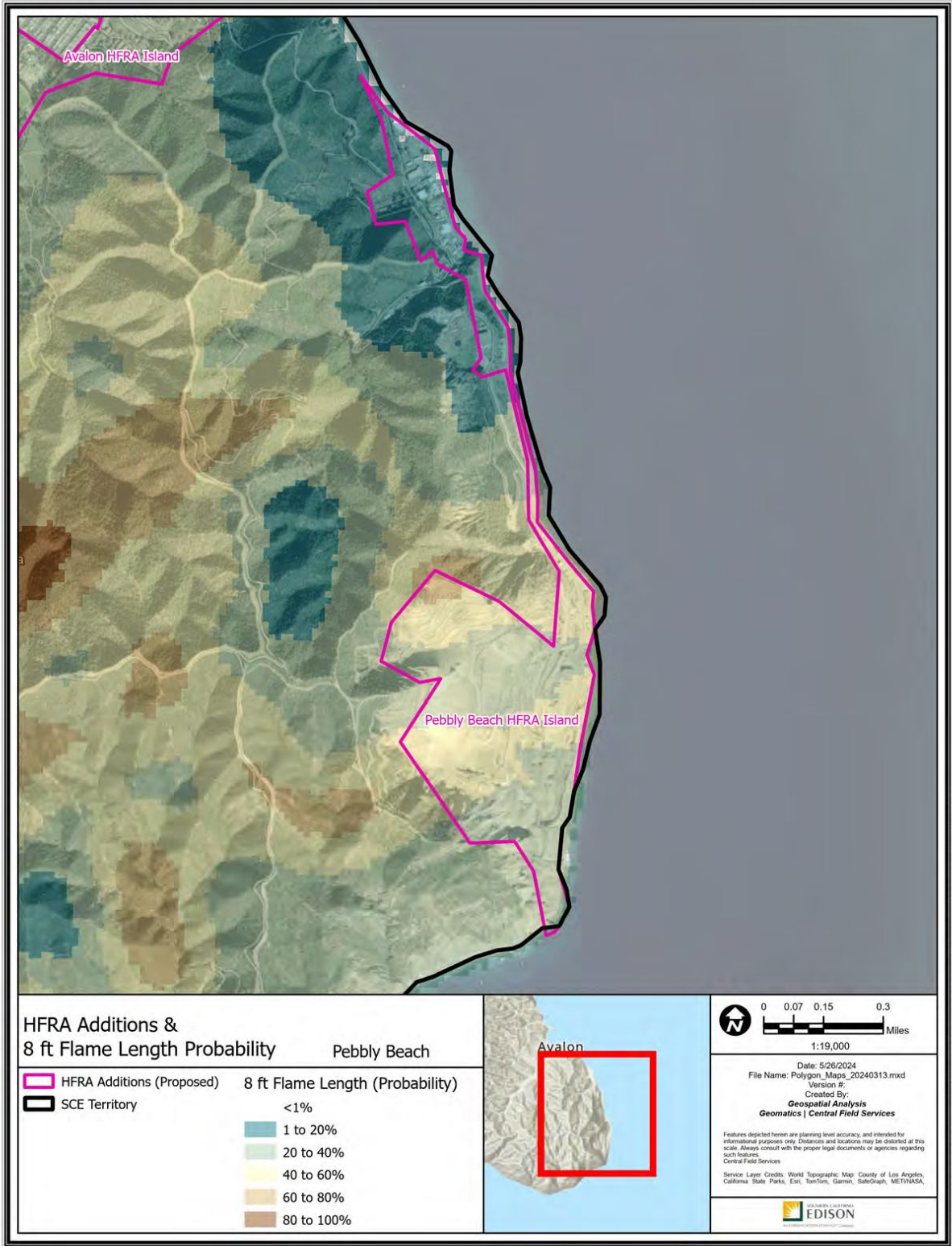
1. A fire in this polygon could spread to neighboring Tier 3 HFTD.
2. This polygon encompasses SCE’s Pebble Beach Facility that provides the Island with gas, water, and electrical services.
3. This polygon has a history of extreme drought, leading to severe water restrictions, including limits on landscape irrigation.
4. Catalina Island has unique ingress/egress concerns as an island, requiring boats and aviation for egress and deployment of fire suppression resources.



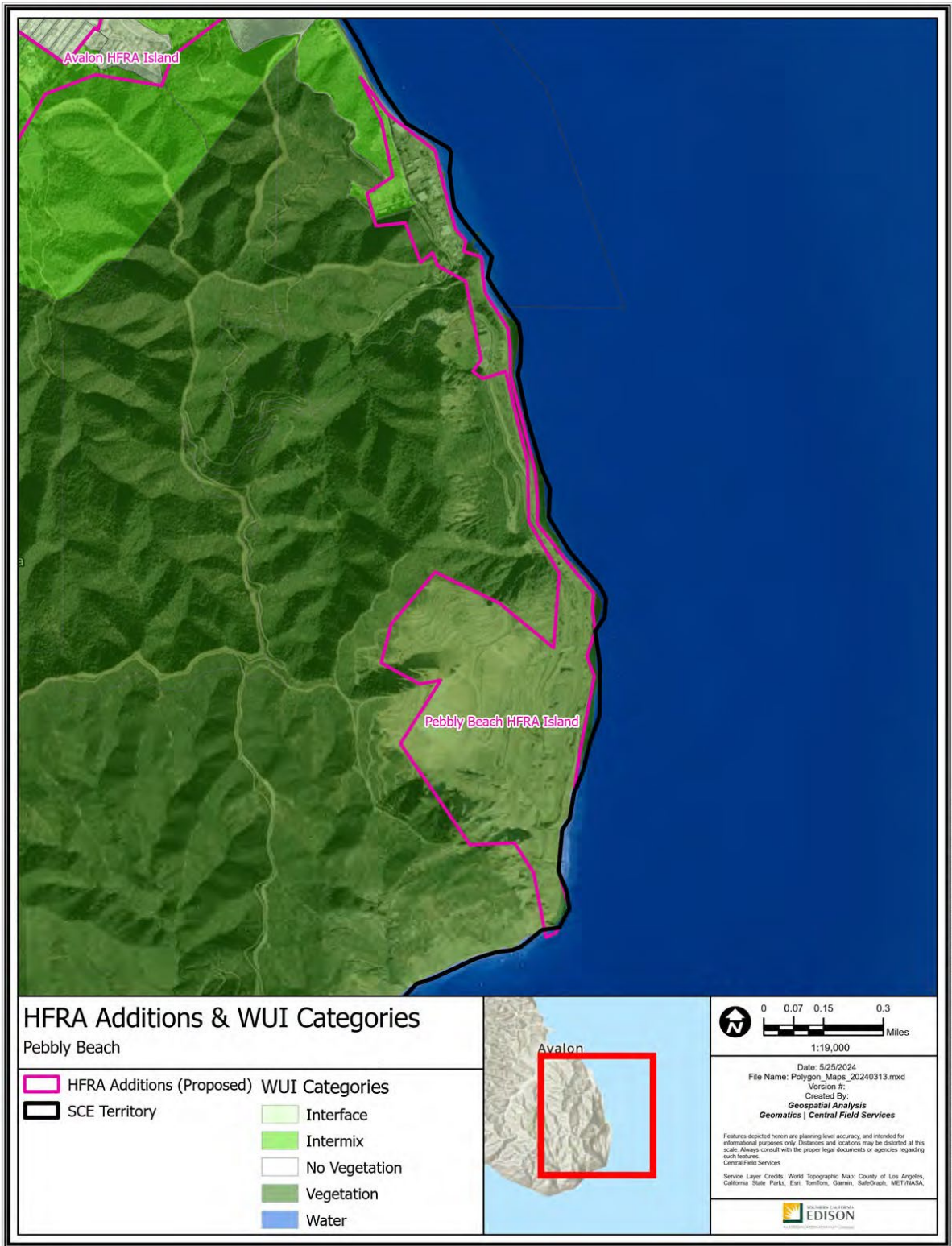
Figure 27 - Pebble Beach - Photos taken in green highlighted area 10/2024

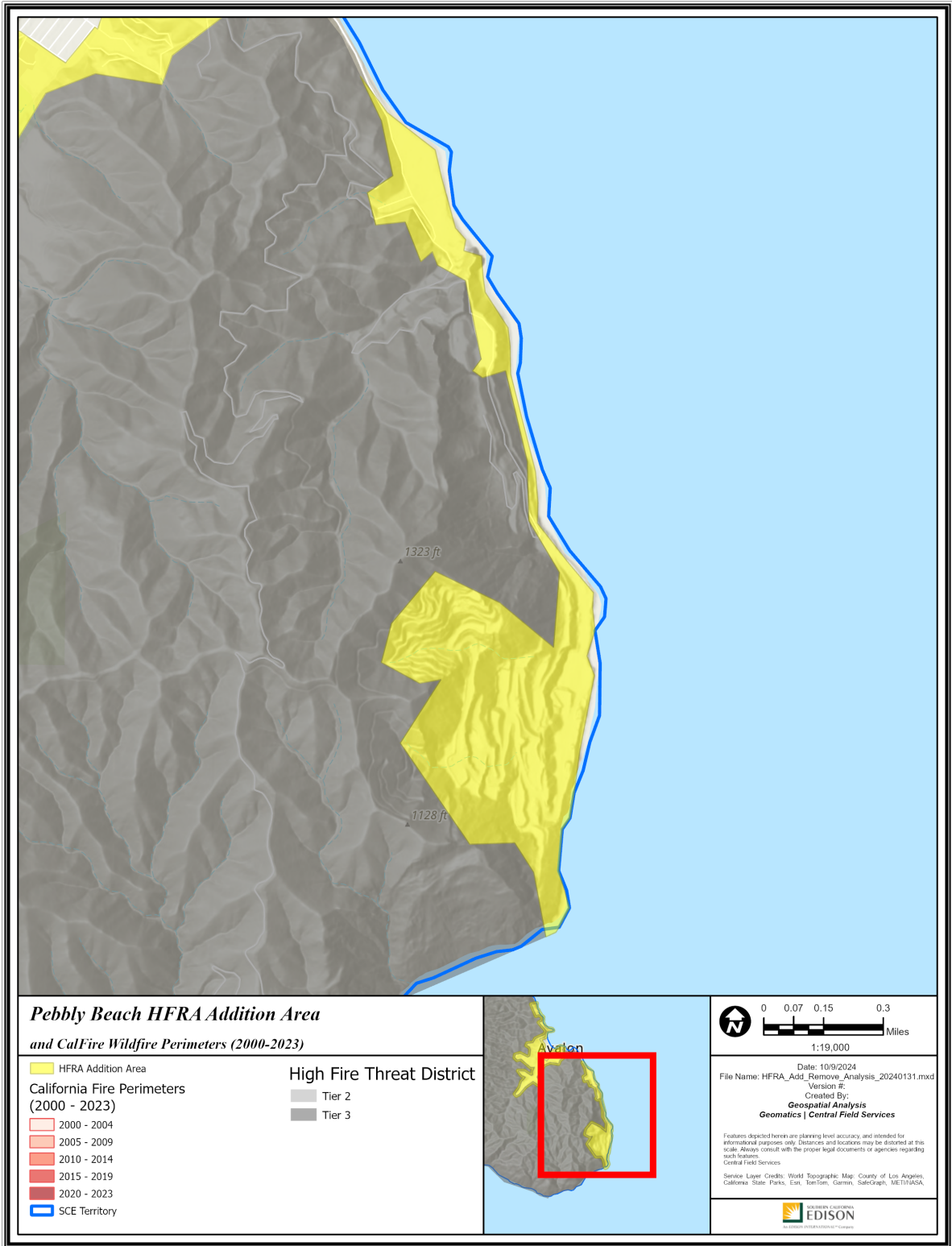


Path: P:\PROJECTS\Special_Projects\HFRA_Review_Analysis\Polygon_Maps_20240313.aprx



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





***Pebble Beach HFRA Addition Area
and CalFire Wildfire Perimeters (2000-2023)***

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| HFRA Addition 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

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 Central Field Services

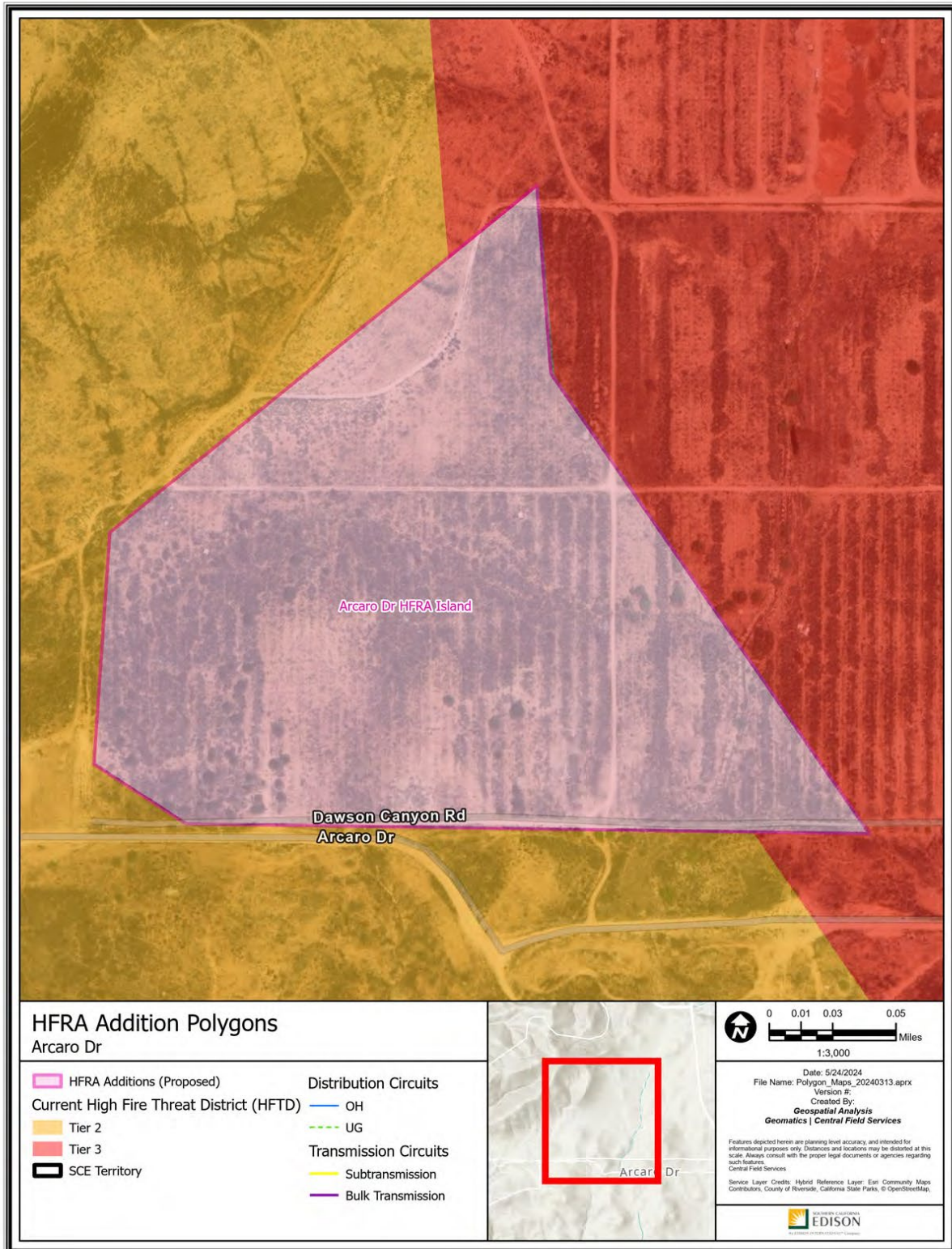
Service Layer Credits: World Topographic Map: County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, METI/MASA,



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A42 – Arcaro Dr

Riverside County
-117.407115, 33.794144
28 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
79.3%	Moderate Load Dry Climate Grass Shrub
20.7%	Low Load Dry Climate Grass

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

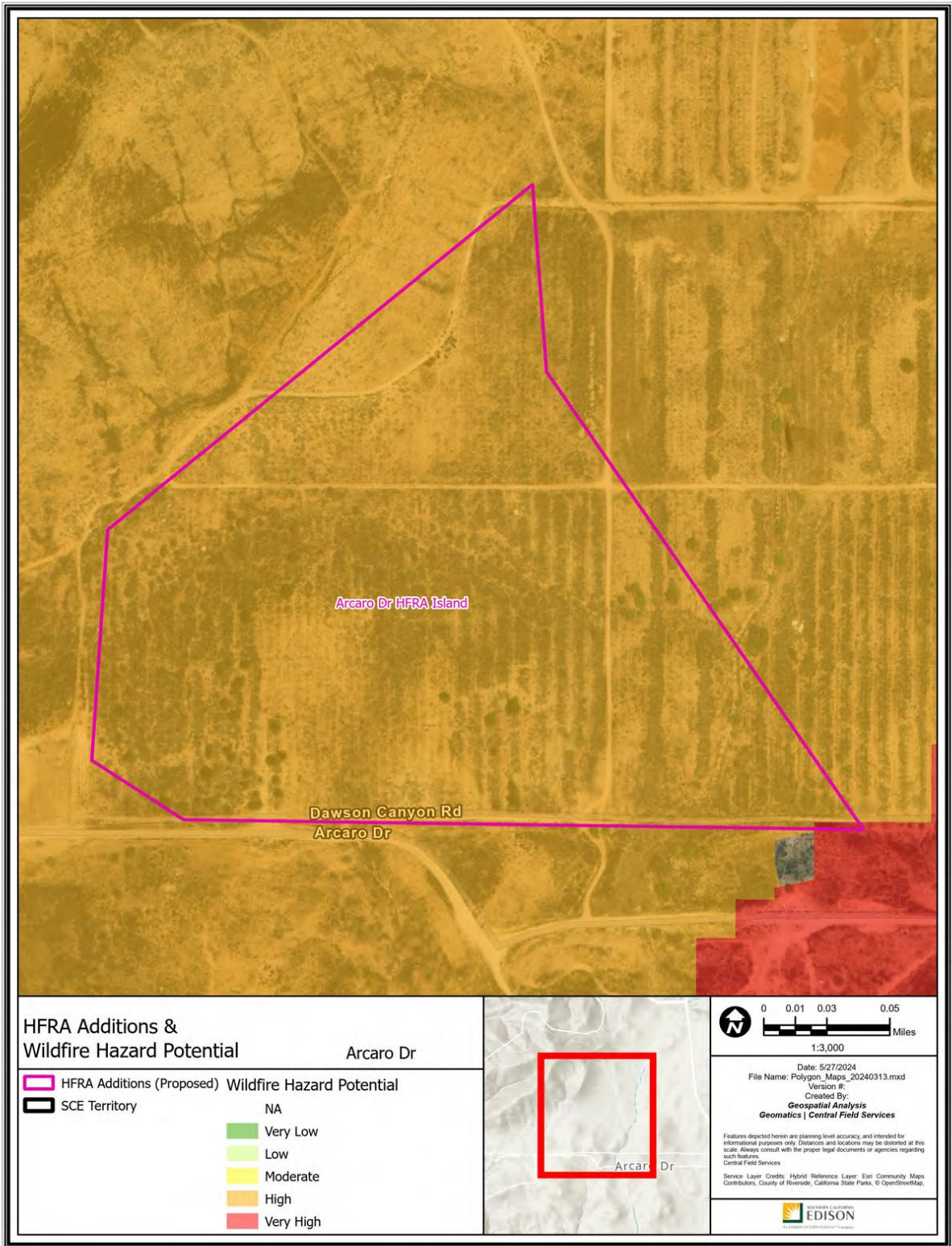
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	0	0	0	0	0

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	3.78°	4: High	6%

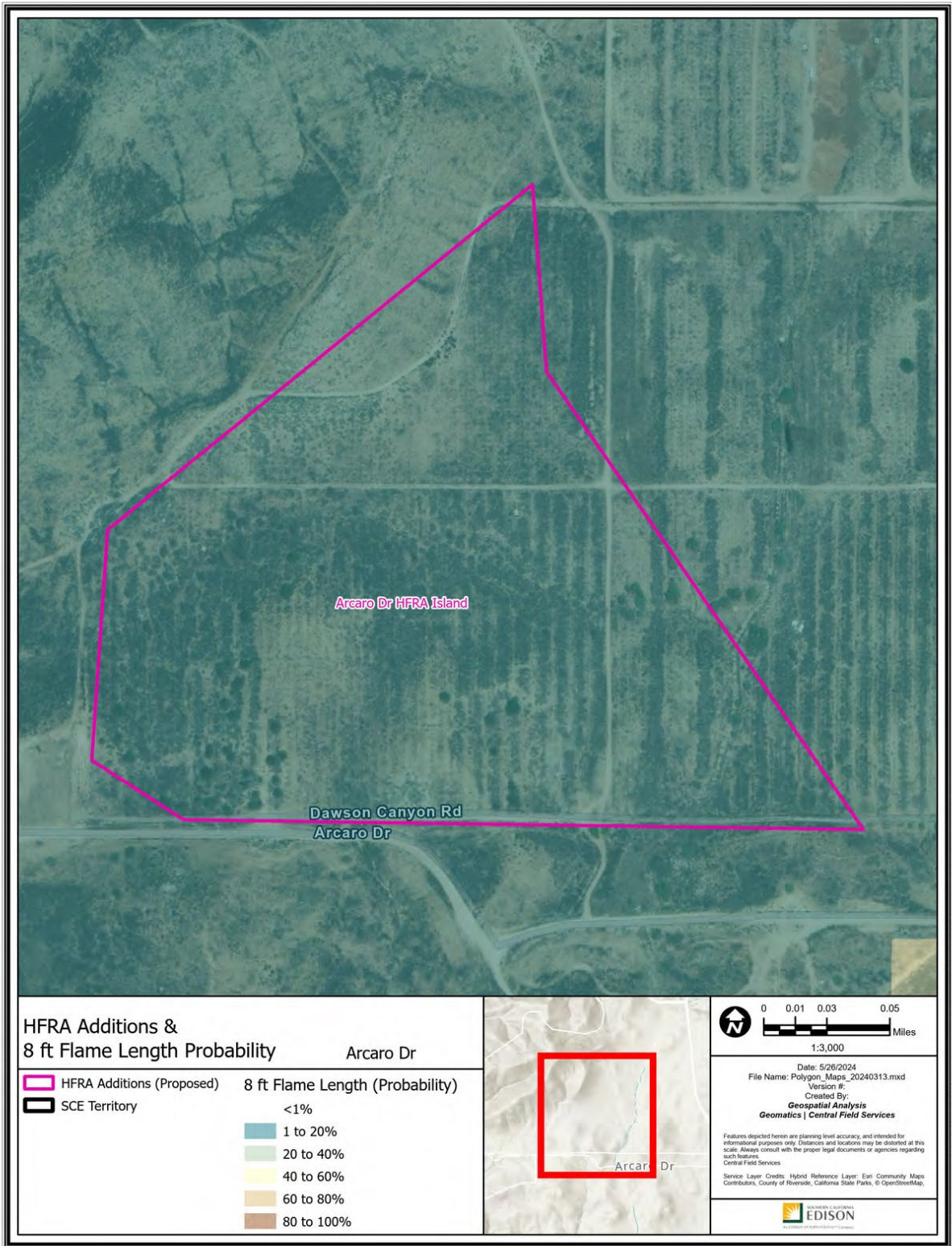
Recommendation:

SCE proposes to include the Arcaro Dr polygon as Tier 2 HFTD. This addition would include 28 acres of non-HFTD with consistent fuels and terrain as surrounding Tier 2 HFTD. This recommendation is also supported by the following facts:

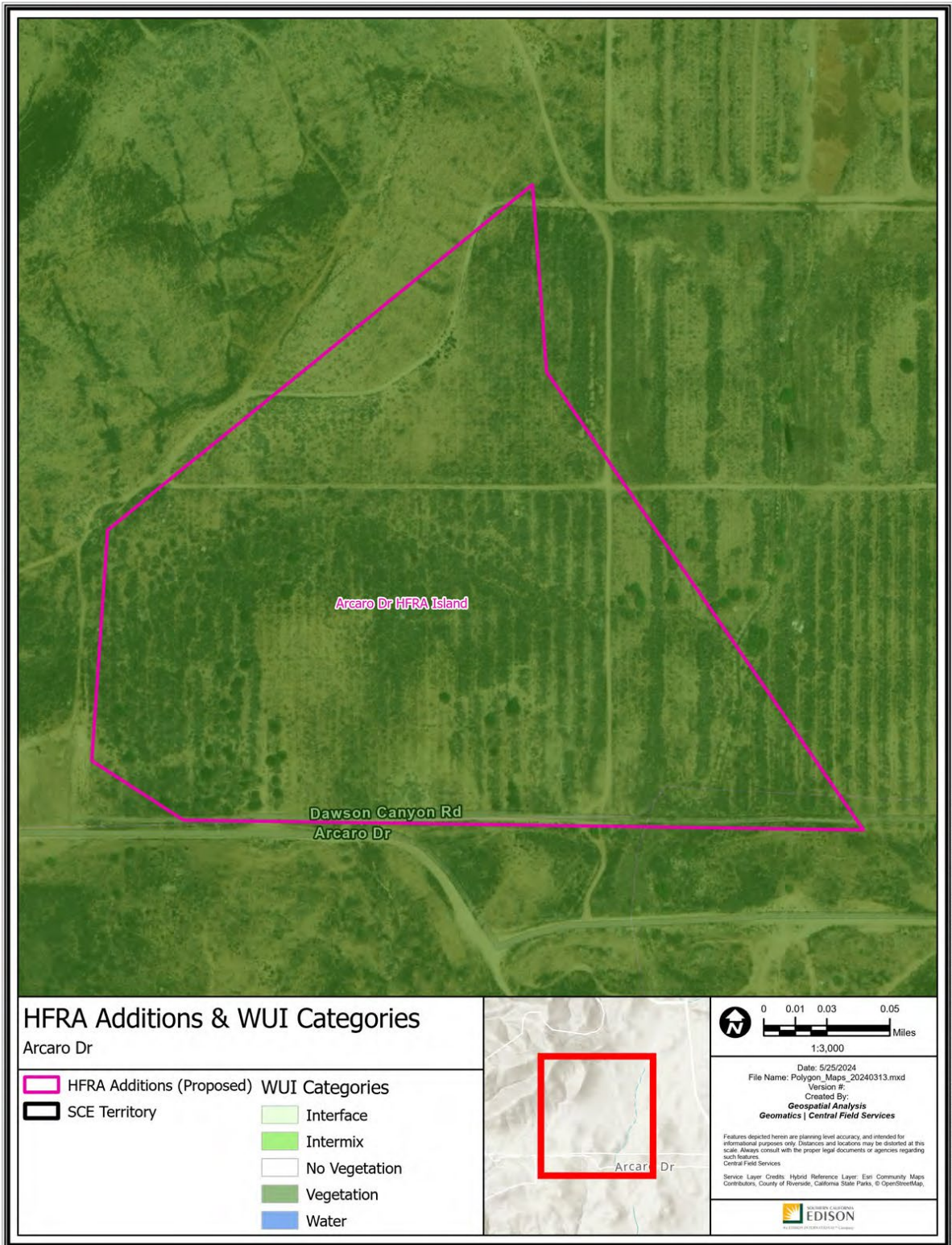
1. The area of WUI Wildlands has no discernable difference in terrain or fuels from existing HFTD.
2. A fire in this polygon could spread to neighboring Tier 3 HFTD.
3. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.

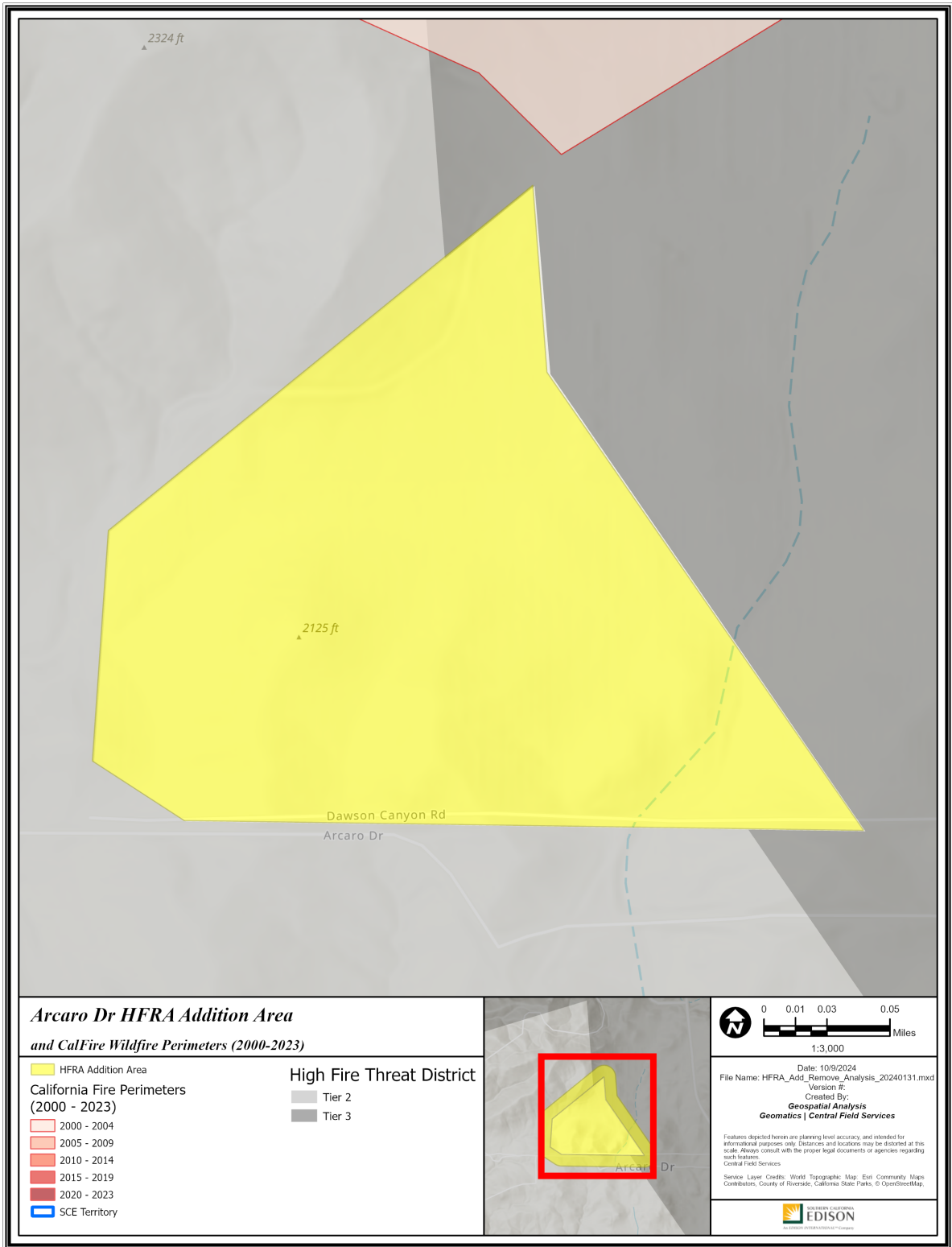


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



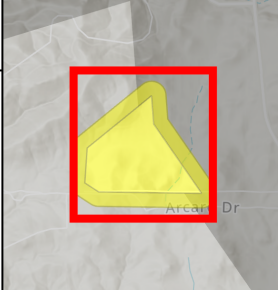
Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx





**Arcaro Dr HFRA Addition Area
and CalFire Wildfire Perimeters (2000-2023)**

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> HFRA Addition 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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



0 0.01 0.03 0.05 Miles
 1:3,000

Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
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Service Layer Credits: World Topographic Map, Esri Community Maps Contributors, County of Riverside, California State Parks, © OpenStreetMap

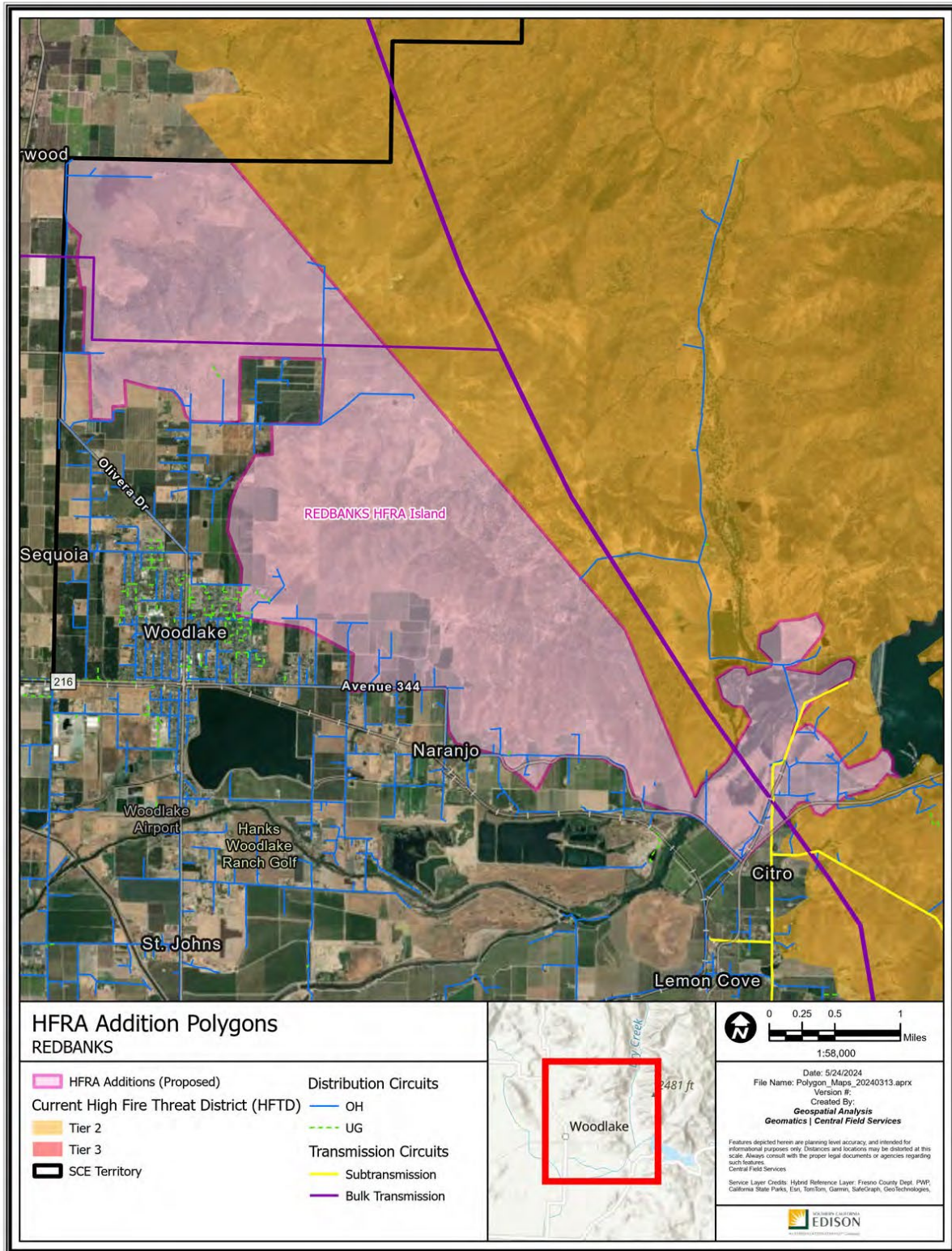
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A43 – Redbanks

Tulare County

-119.068662, 36.433116

6,668 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
56.7%	Low Load Dry Climate Grass
26.4%	Moderate Load Dry Climate Grass Shrub
12.3%	Agricultural Fields Maintained in a Non Burnable Condition
1.0%	Minor Roads Surrounded by Low Fire Behavior Fuel

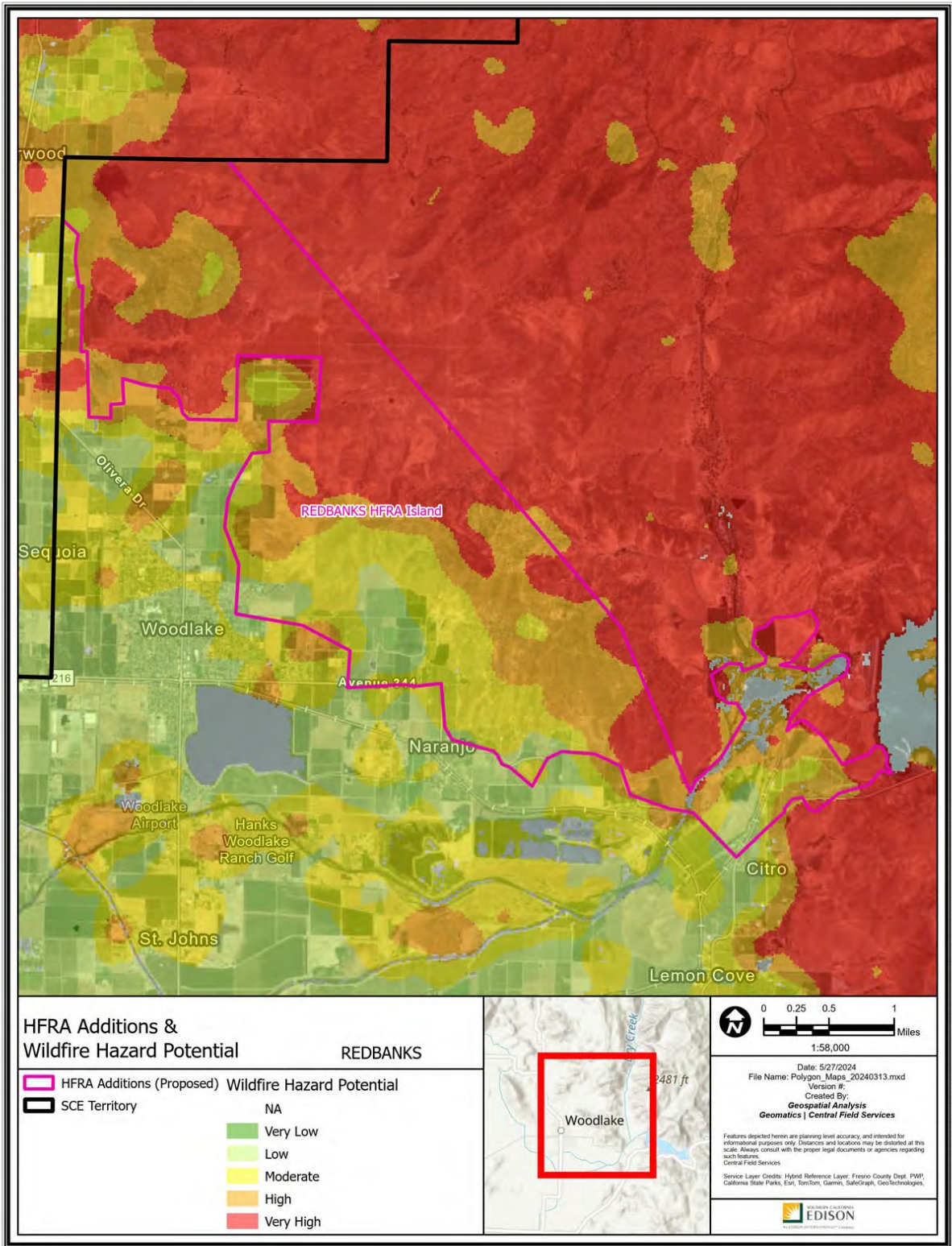
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
1.5%	2.8%	94.8%	0.3%	0.6%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
14.91	0.85	1.14	0	7.34	24.24

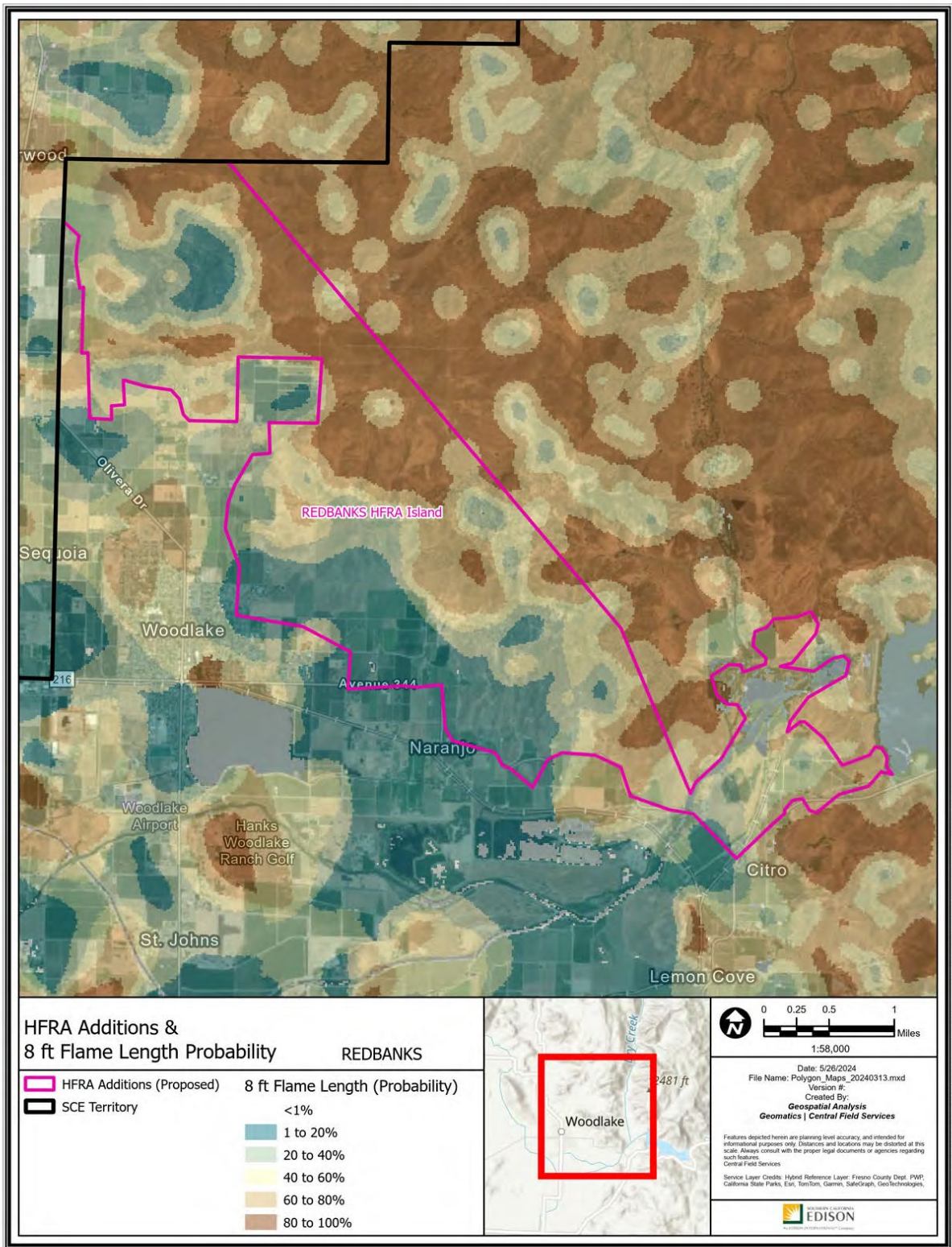
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
191	8.38°	5: Very High	49%

Recommendation:

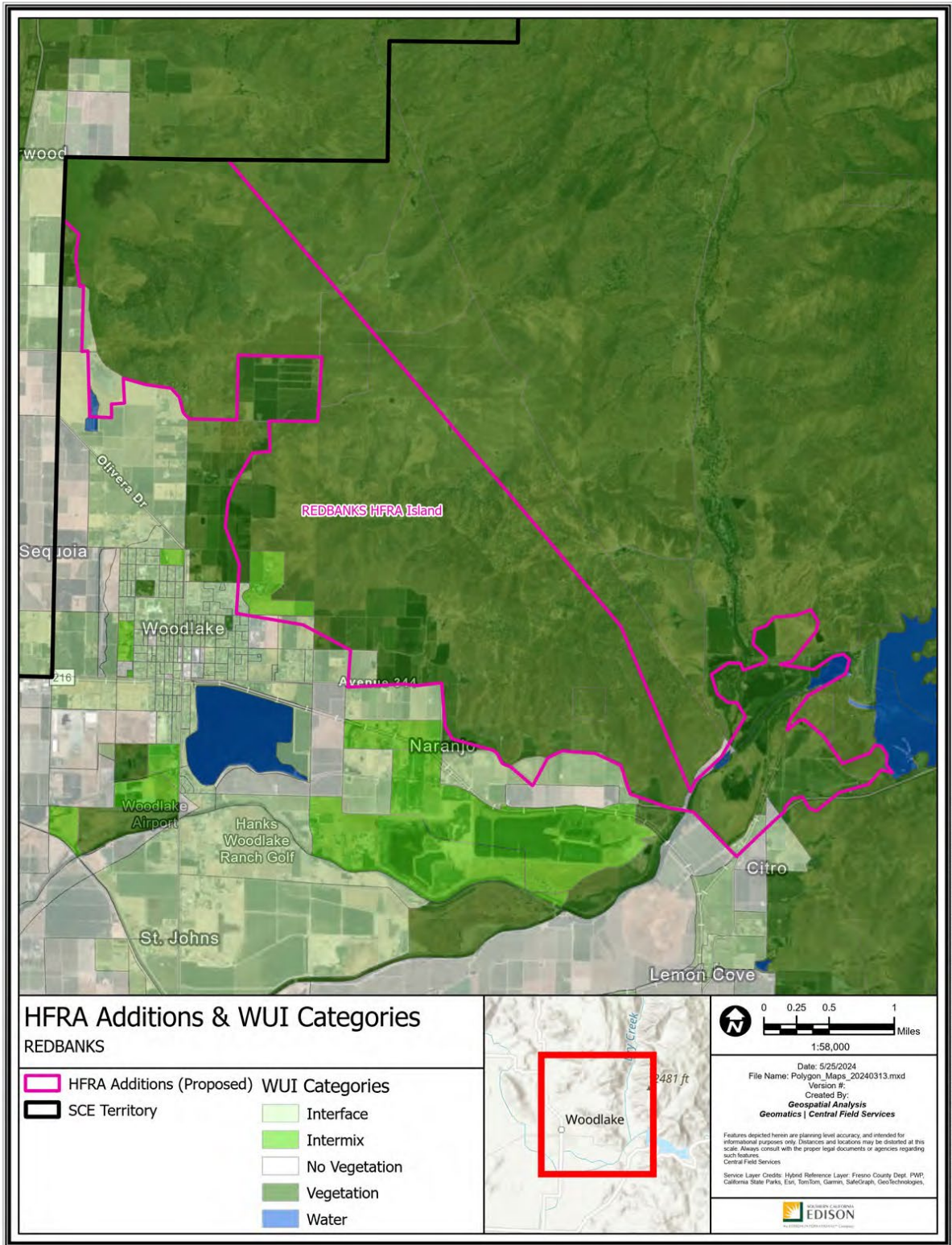
SCE proposes to include the Redbanks polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary into complex terrain containing unmaintained and unirrigated low to moderate fuel loads, consistent with the adjacent Tier 2 HFTD. This polygon’s boundary is drawn using nearest roads to where the terrain flattened into agricultural fields. This includes complex terrain in the polygon that may challenge fire suppression efforts and allow a fire to spread more quickly.



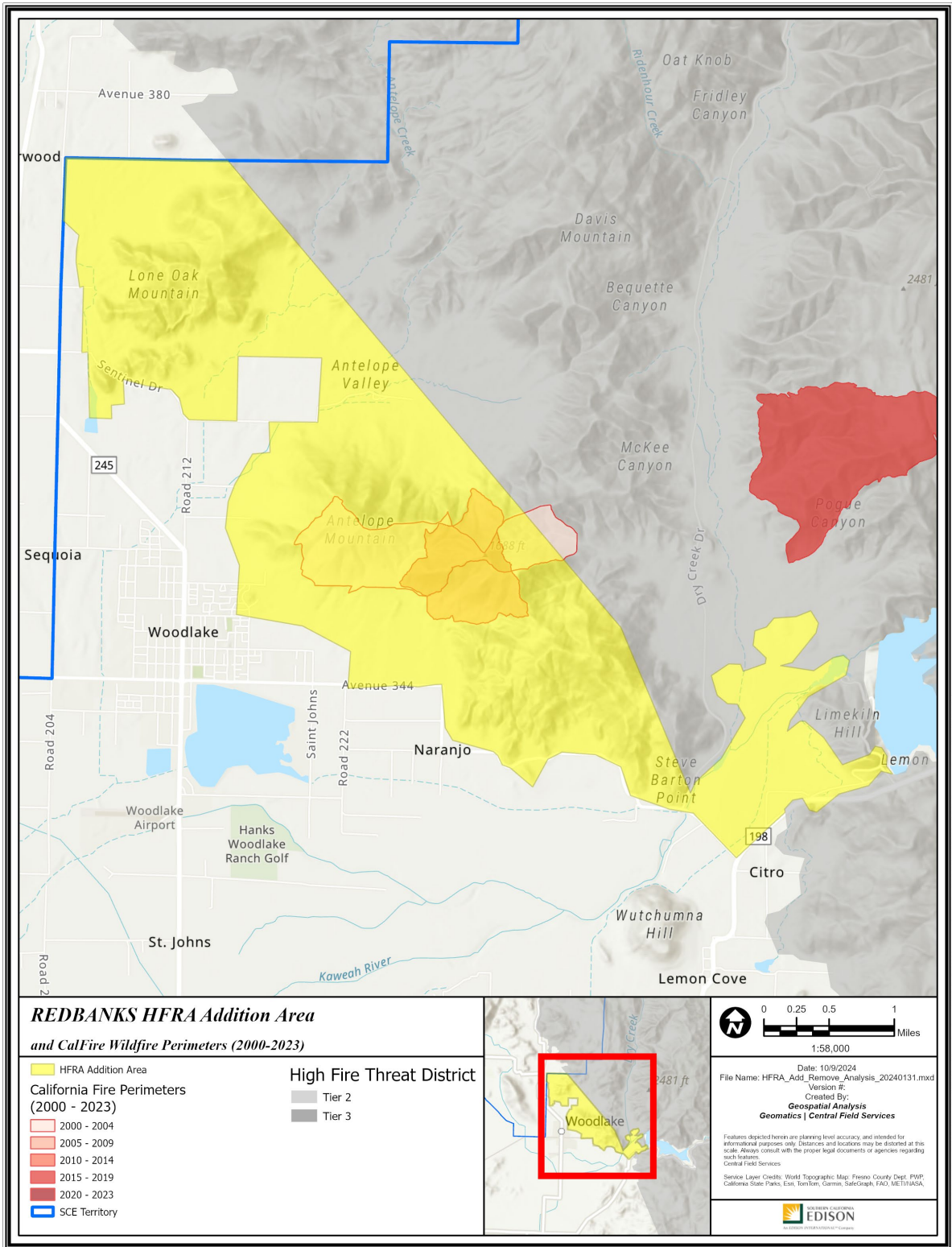
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Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx

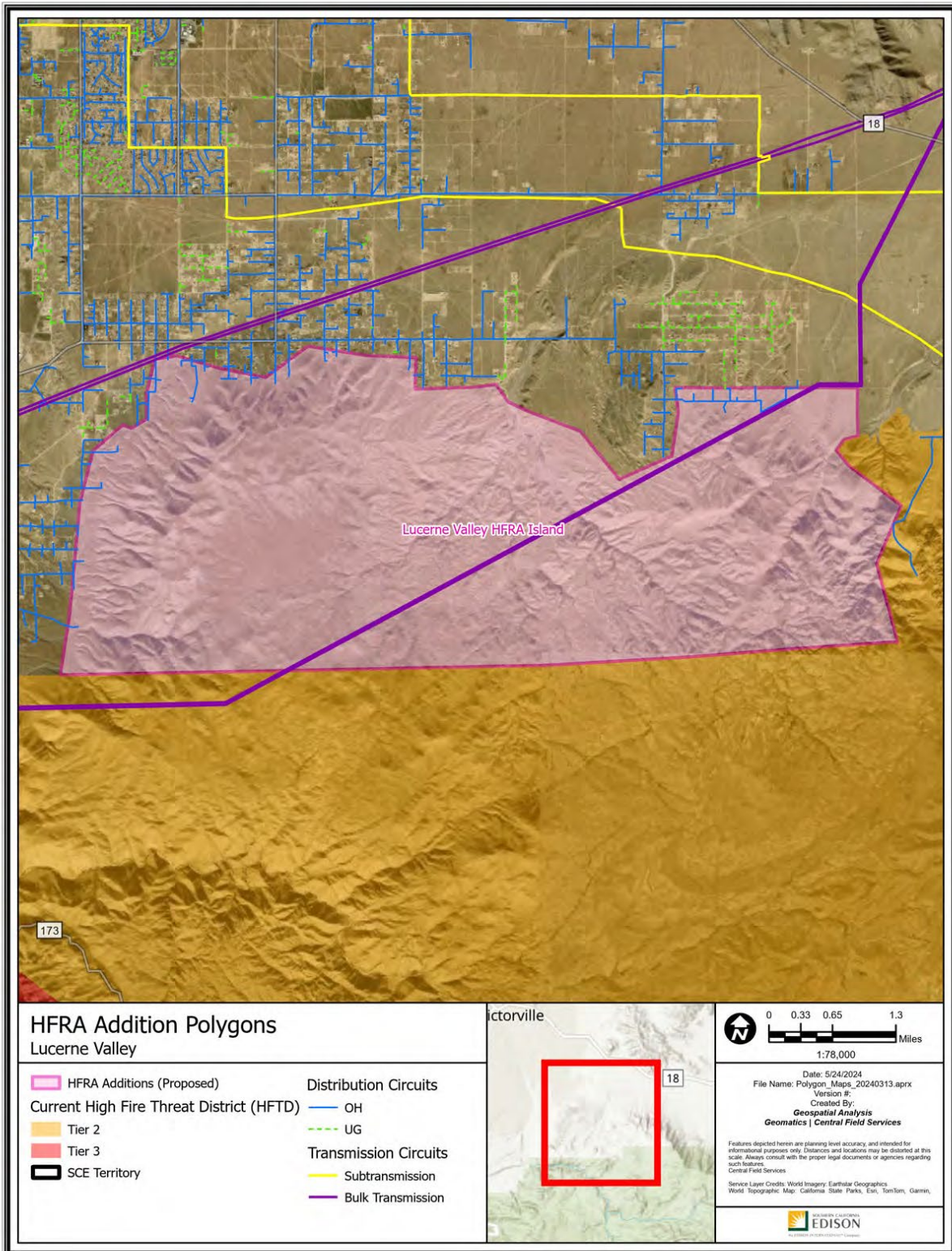


A44 – Lucerne Valley

San Bernardino County

-117.139174, 34.393025

14,485 Acres



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Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
74.2%	Moderate Load Dry Climate Grass Shrub
17.2%	Short Sparse Dry Climate Grass
3.3%	Low Load Dry Climate Shrub
2.3%	Low Load Dry Climate Grass

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

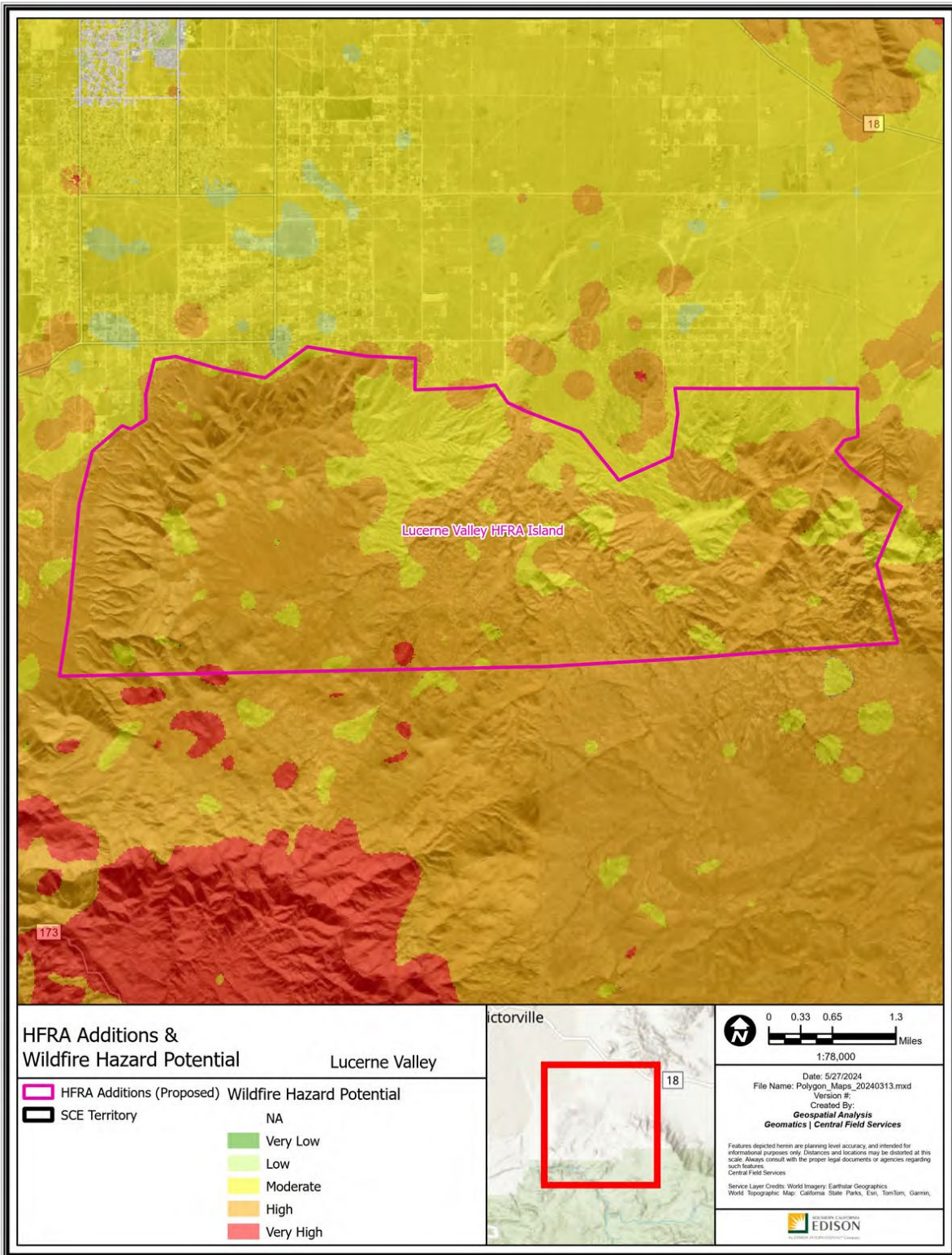
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
6.49	0.02	0	0	12.28	18.79

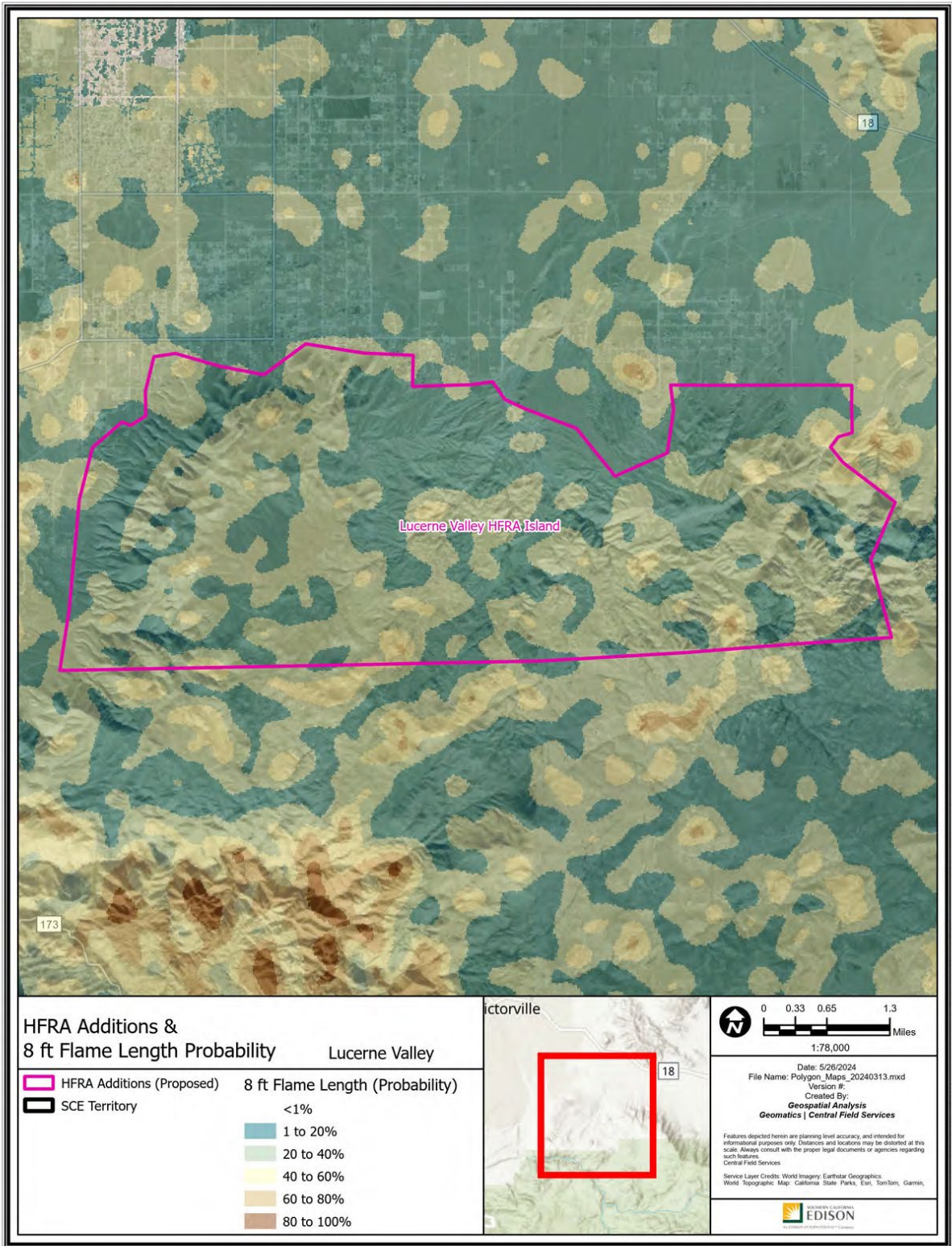
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
80	8.93°	4: High	23%

Recommendation:

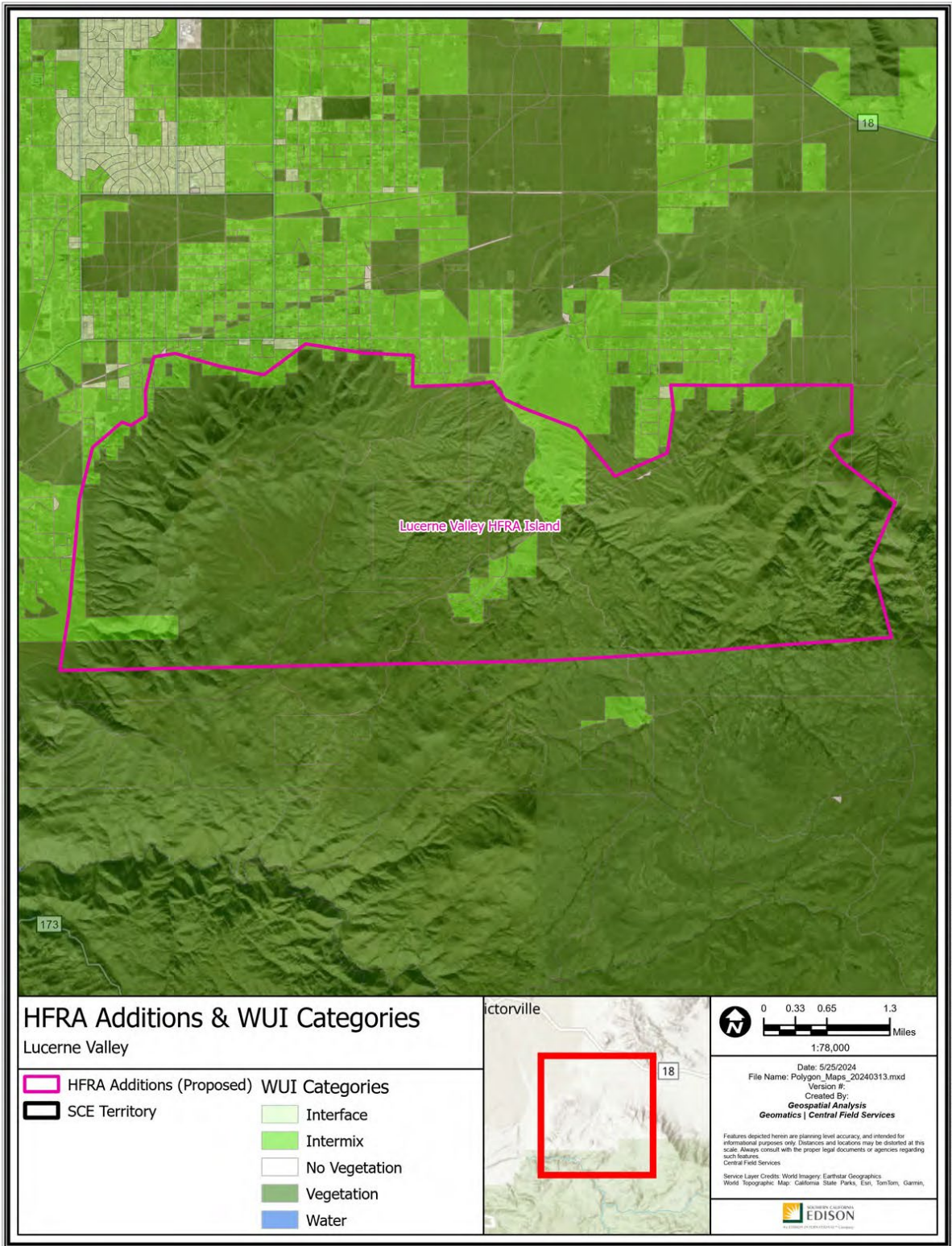
SCE proposes to include the Lucerne Valley polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary to an area with unmaintained and unirrigated moderate load fuels, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

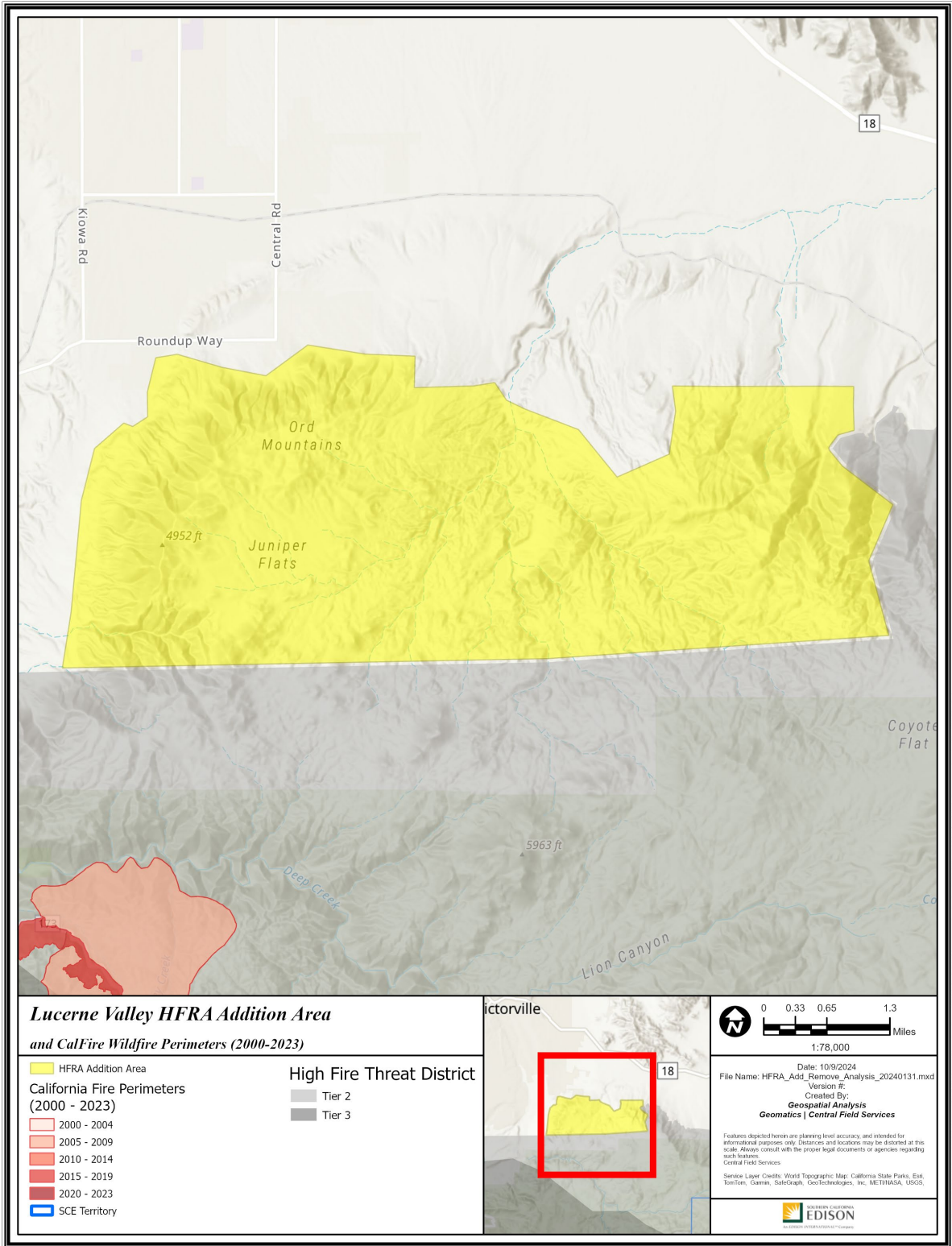
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. High Wildfire Hazard Potential is indicated by USFS data for a portion of this polygon.
3. The boundaries of this polygon are drawn along the foot of slopes to include complex terrain with elevated wildfire risk, as narrow dirt roads are not adequate for firebreaks. This complex terrain in the polygon may challenge fire suppression efforts and allow a fire to spread more quickly.





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





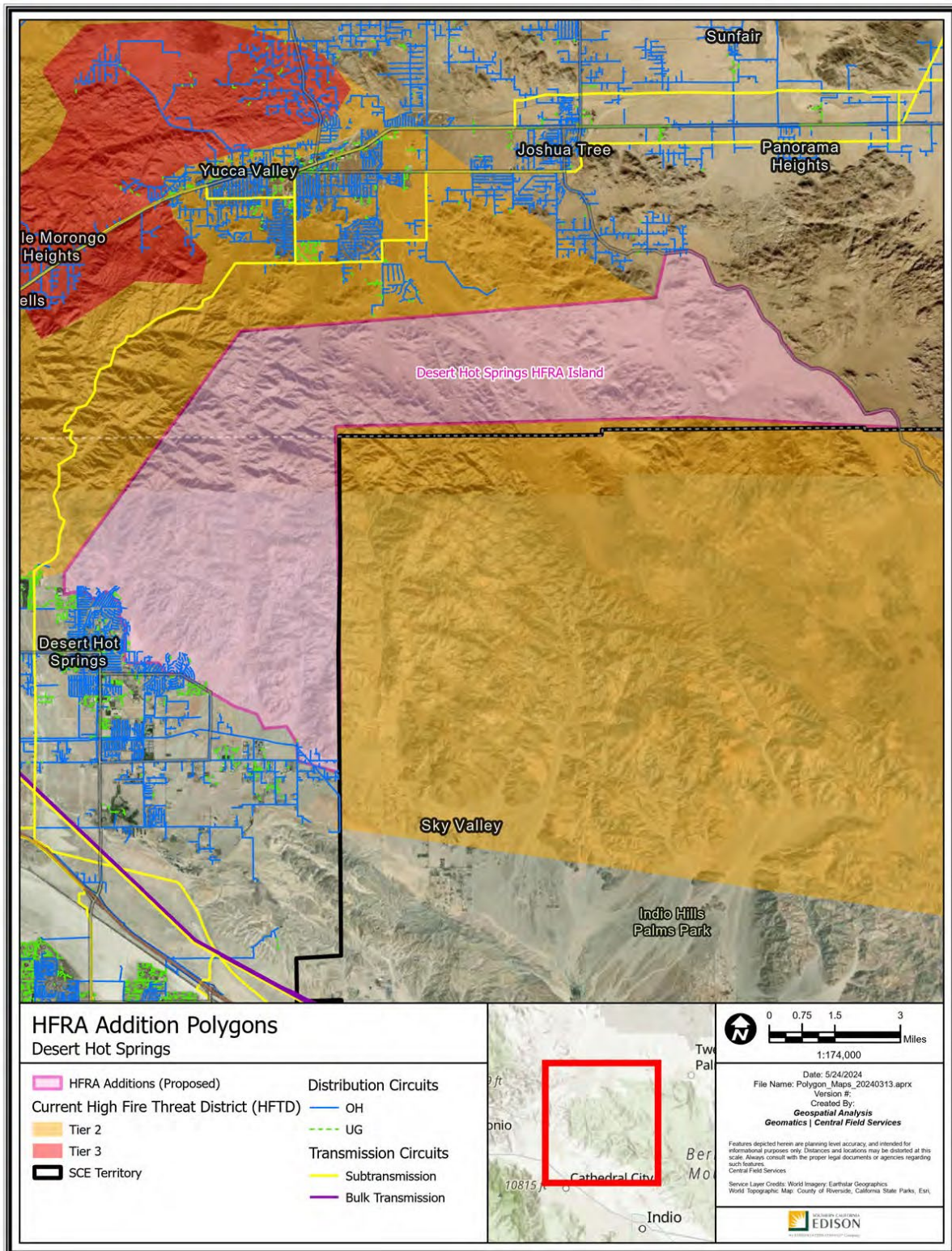
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\FHRA_AGE_Remove_Analysis_20240131.aprx

A45 – Desert Hot Springs

Riverside & San Bernardino County

-116.385011, 34.023569

44,699 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
62.6%	Moderate Load Dry Climate Grass Shrub
18.6%	Low Load Dry Climate Shrub
12.4%	Low Load Dry Climate Grass Shrub
2.5%	Short Sparse Dry Climate Grass

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
4.1%	0.8%	95.1%	0.0%	0.0%	100%

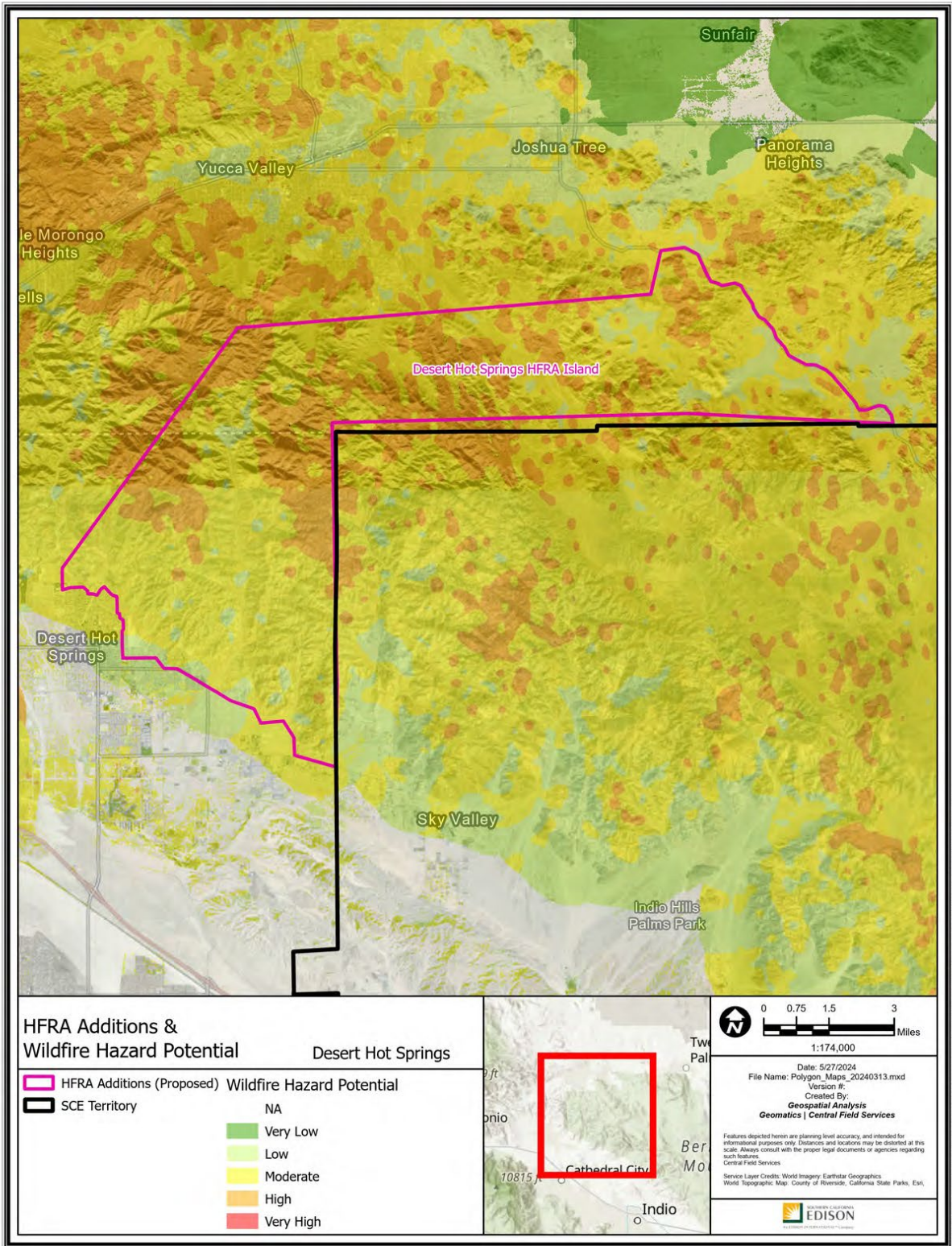
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
16.68	2.19	0	0	0	18.87

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%)
1,169	10.89°	3: Moderate	27%

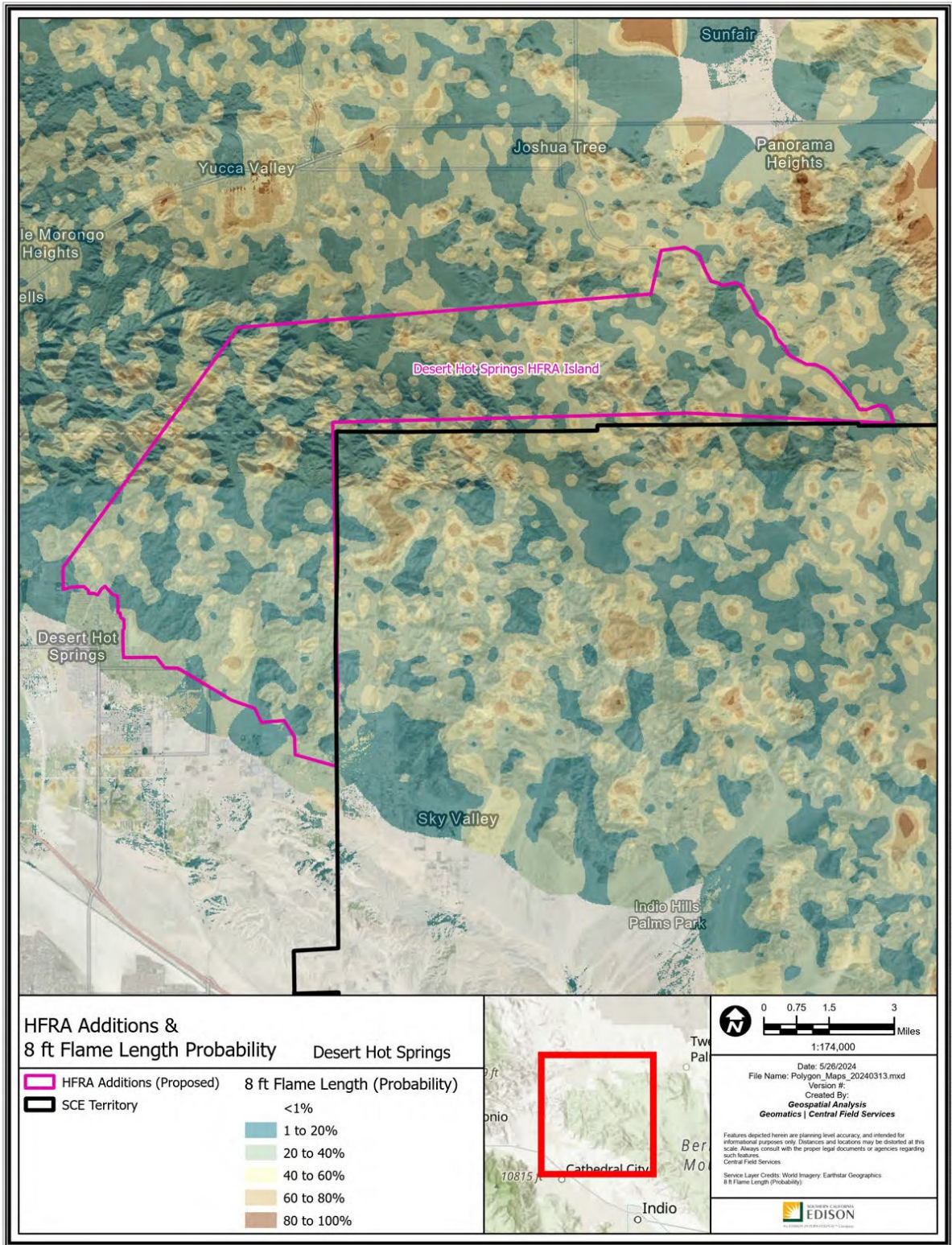
Recommendation:

SCE proposes to include the Desert Hot Springs polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary into complex terrain wildlands with unmaintained and unirrigated low to moderate fuel loads, consistent with the adjacent Tier 2 HFTD. This recommendation is also supported by the following facts:

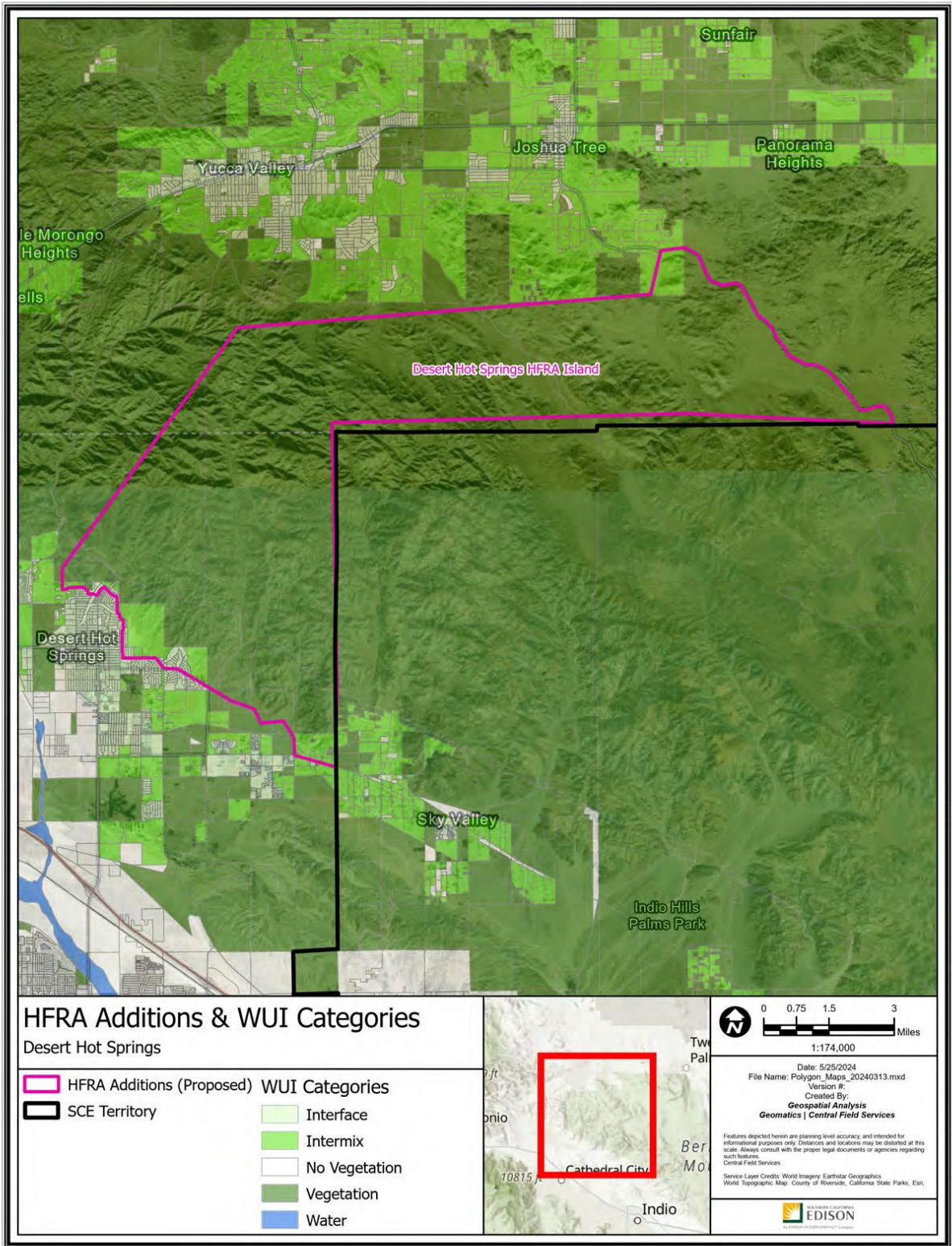
1. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
2. This polygon's boundaries are drawn around unvegetated and urban areas.



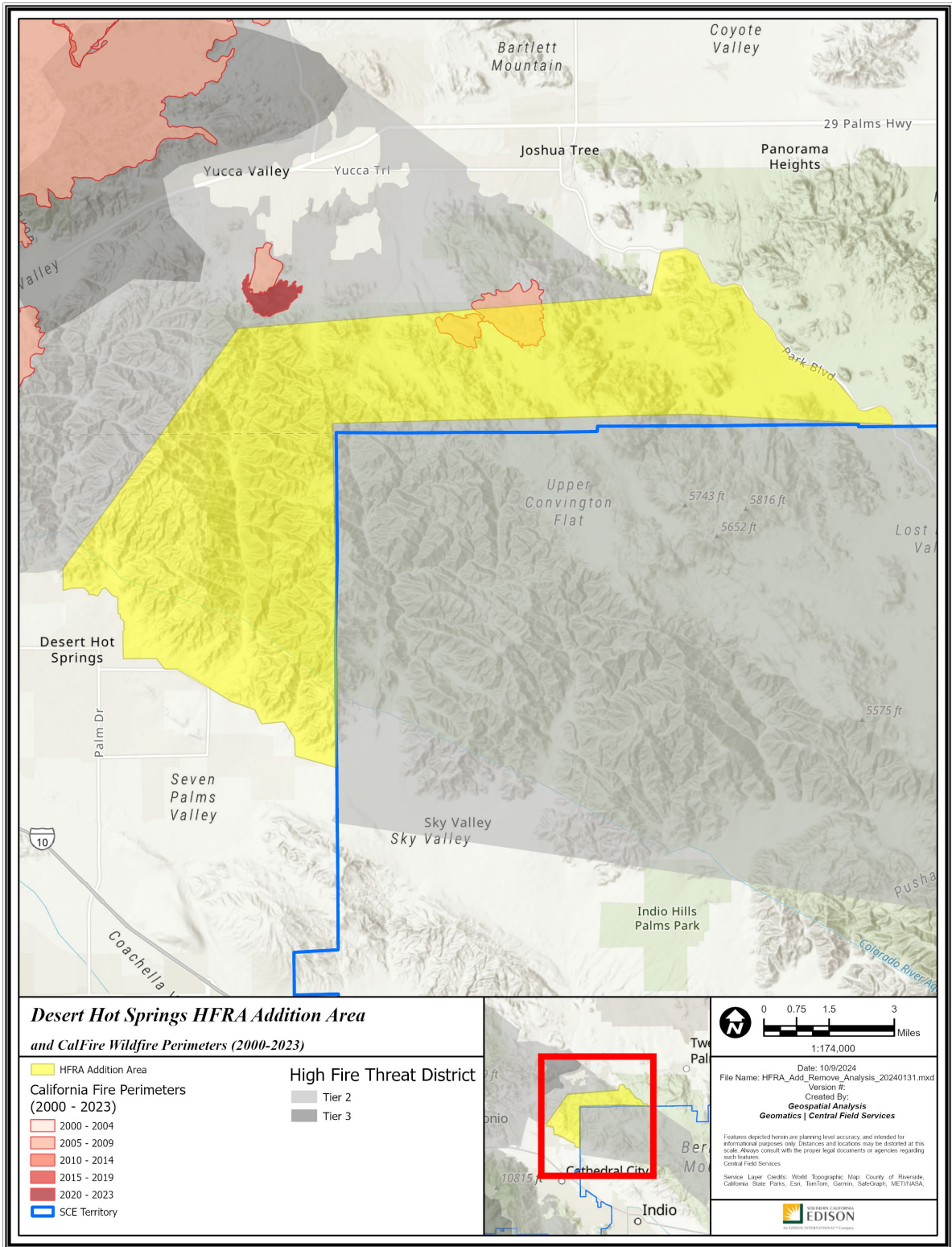
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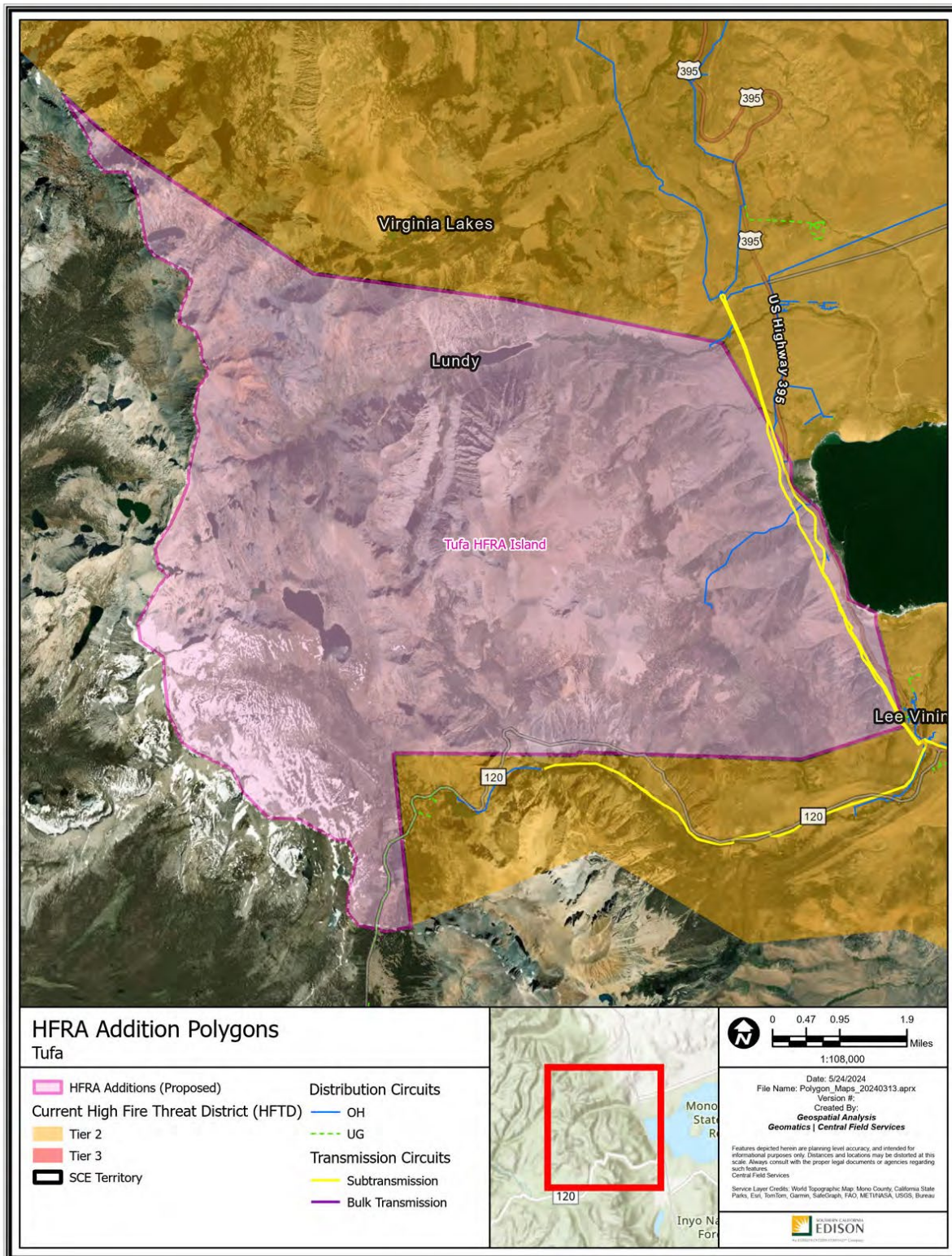
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A46 – Tufa

Mono County

-119.235003, 37.990401

40,942 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
42.1%	Moderate Load Dry Climate Grass Shrub
26.8%	Bare Ground
5.4%	Very High Load Dry Climate Shrub
4.8%	Low Load Humid Climate Timber Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.3%	0.0%	96.5%	0.0%	3.2%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
4.73	2.51	9.47	0	0	16.71

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	20.34°	2: Low	12%

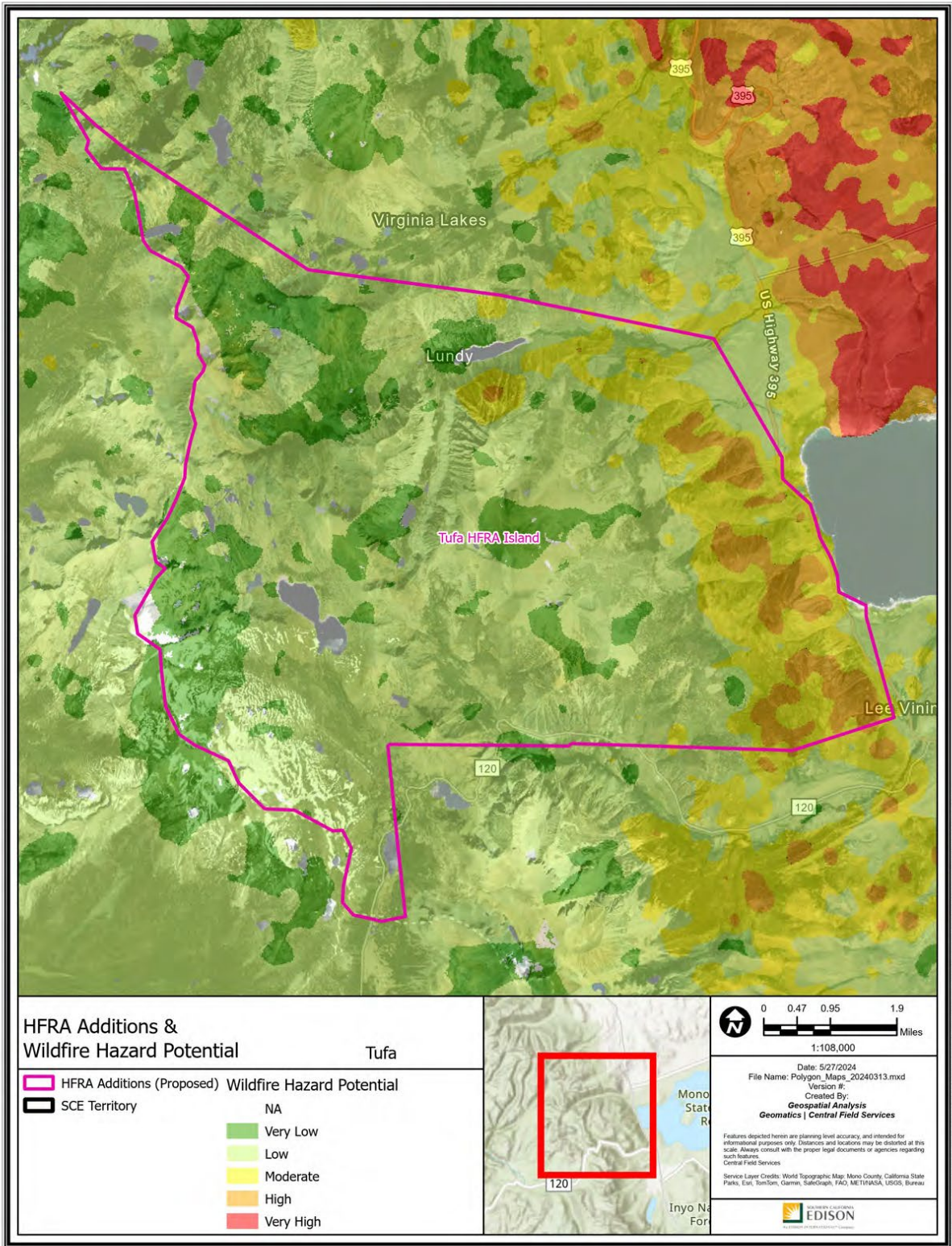
Recommendation:

SCE proposes to include the Tufa polygon as Tier 2 HFTD. This addition would extend the existing HFTD Tier 2 boundary across consistent terrain and fuels to the county line. This recommendation is also supported by the following facts:

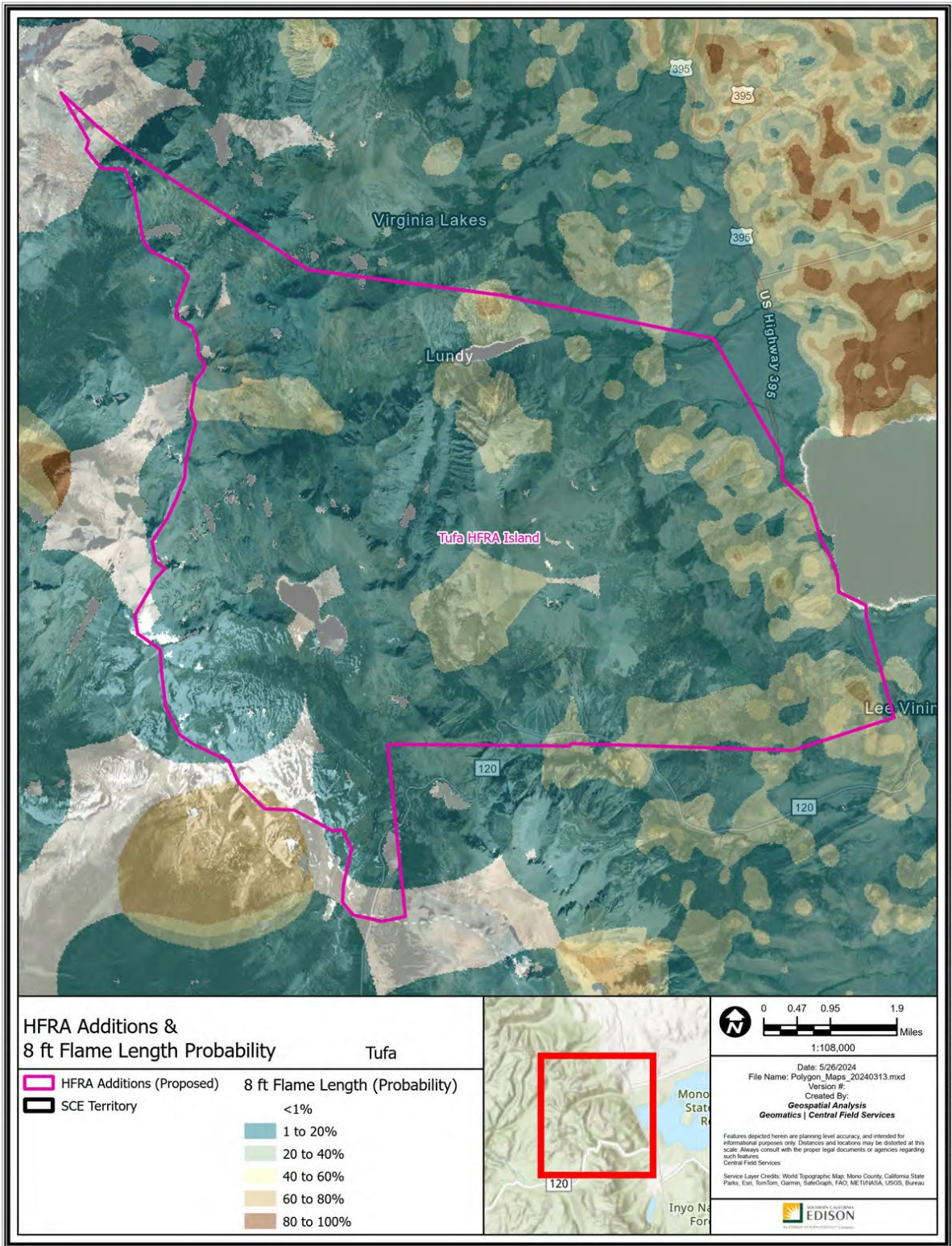
1. This addition is adjacent to areas that met threshold levels of IWMS criteria. The polygon is adjacent to areas that have extreme high wind exposure.
2. This polygon has experienced high winds that could contribute to a wildfire developing or spreading following an ignition.
3. Due to the lack of a natural or man-made firebreaks, SCE used a county line distant from inhabited areas as a polygon boundary.



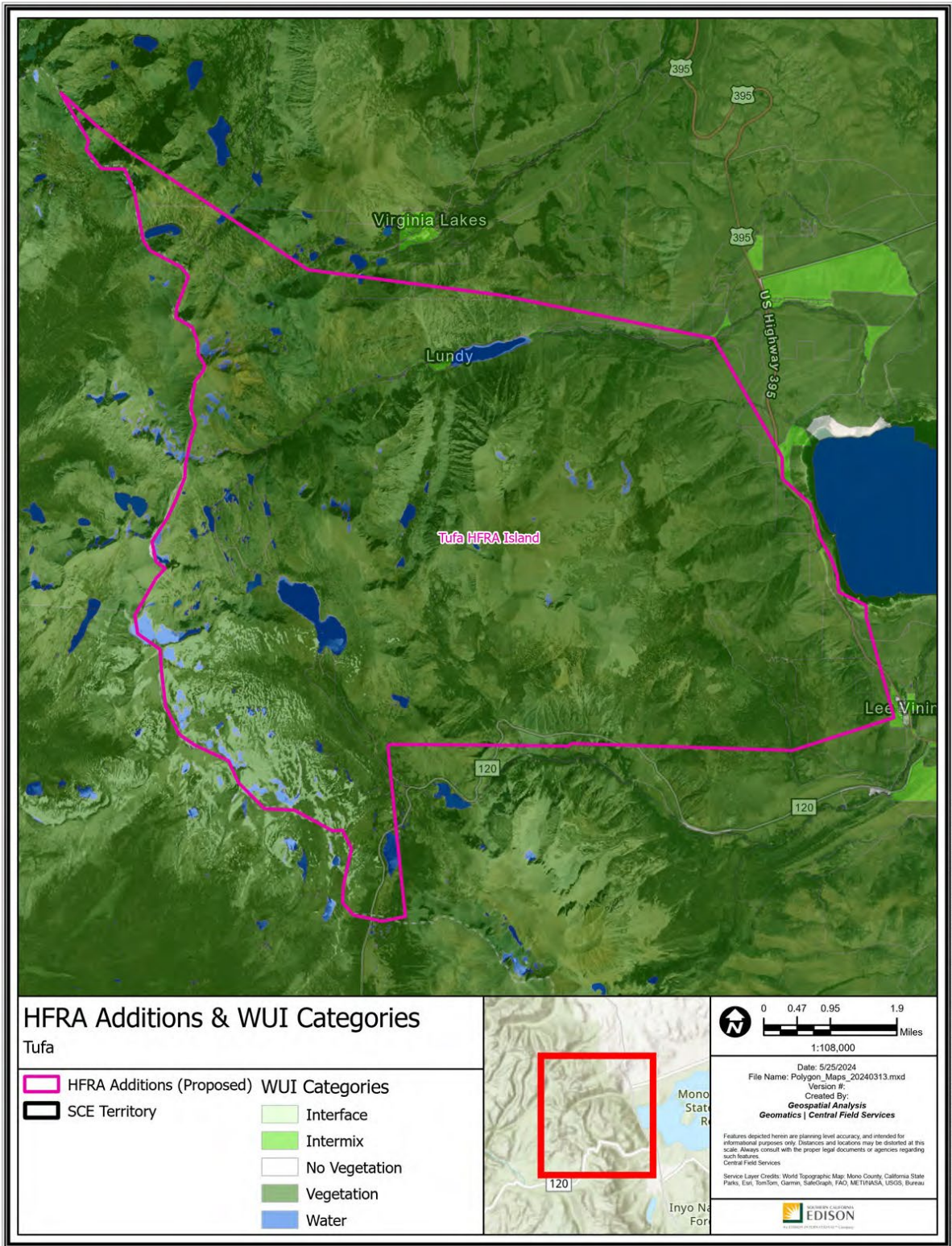
Figure 28 - Tufa - Google Street View 9/2022



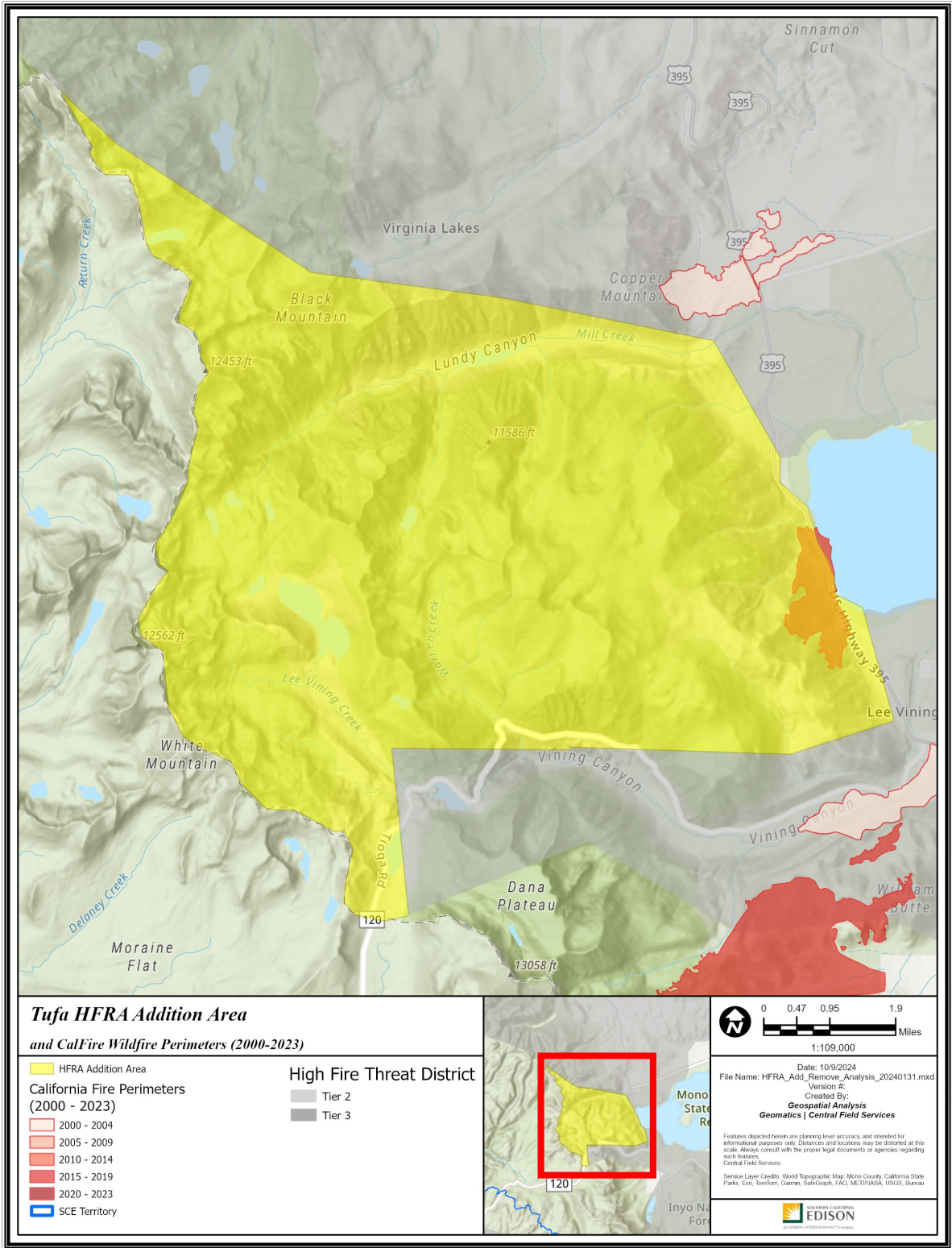
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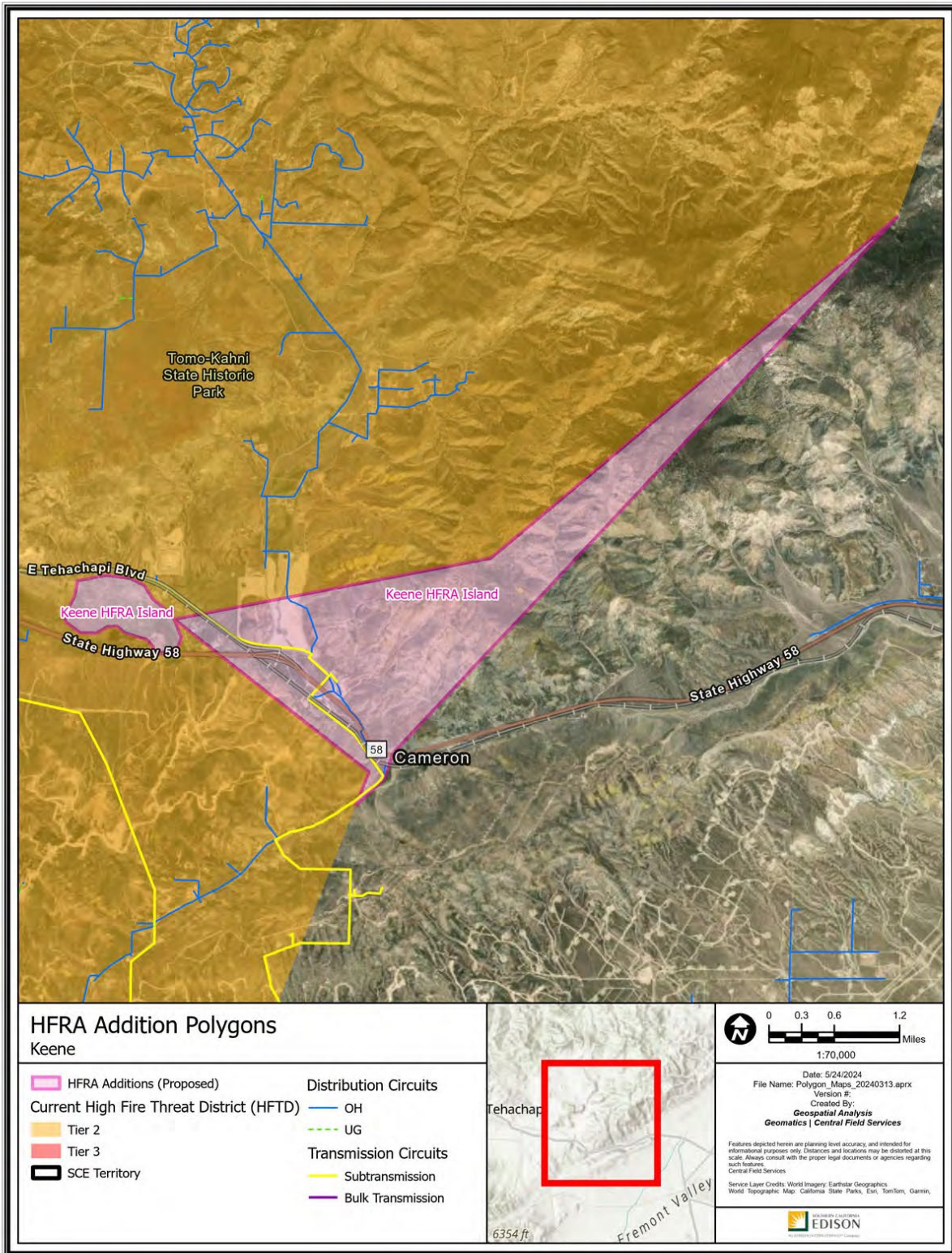
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\FHRA_AGE_Remove_Analysis_20240131.aprx

A47 – Keene

Kern County

-118.299598, 35.118585

3,272 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
50.3%	Moderate Load Dry Climate Grass Shrub
23.6%	Low Load Dry Climate Grass
5.8%	Short Sparse Dry Climate Grass
5.8%	Low Load Humid Climate Timber Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
11.0%	0.0%	87.9%	1.1%	0.0%	100%

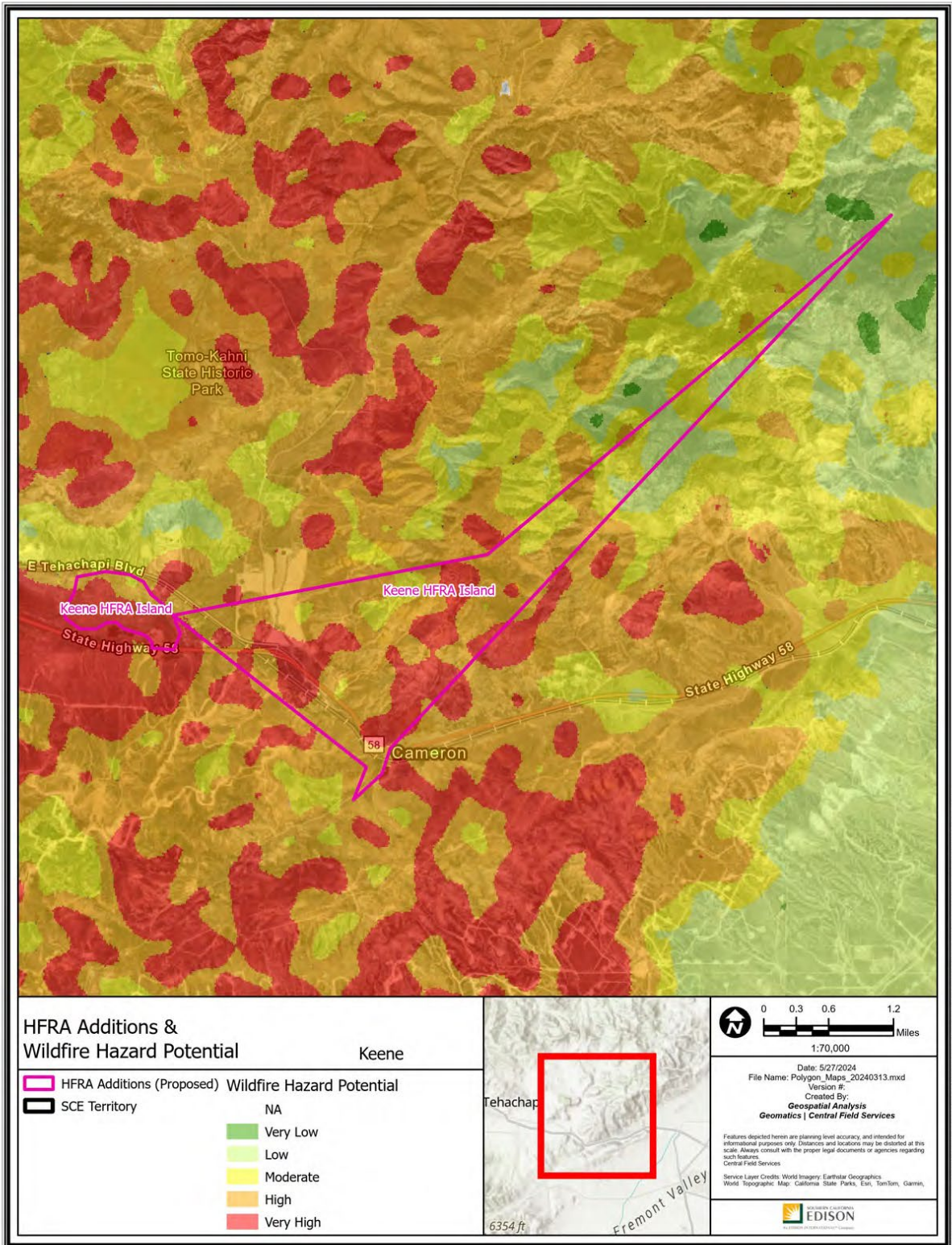
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
4.4	0.02	3.1	0	0	7.52

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%)
11	11.65°	4: High	43%

Recommendation:

SCE proposes to include the Keene polygon as Tier 2 HFTD. This would extend existing Tier 2 HFTD to include wildlands containing complex terrain and moderate fuel loads with elevated wildfire risk. This recommendation is also supported by the following facts:

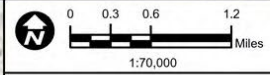
1. Flame length probability modeling indicates potential for high wildfire intensity in this polygon.
2. High Wildfire Hazard Potential is indicated by USFS data for a portion of this polygon.
3. Due to the lack of a natural or man-made firebreaks, the boundary of this polygon is drawn to bridge a triangular gap between existing Tier 2 HFTD.



HFRA Additions & Wildfire Hazard Potential

Keene

HFRA Additions (Proposed)	Wildfire Hazard Potential
SCE Territory	NA
	Very Low
	Low
	Moderate
	High
	Very High



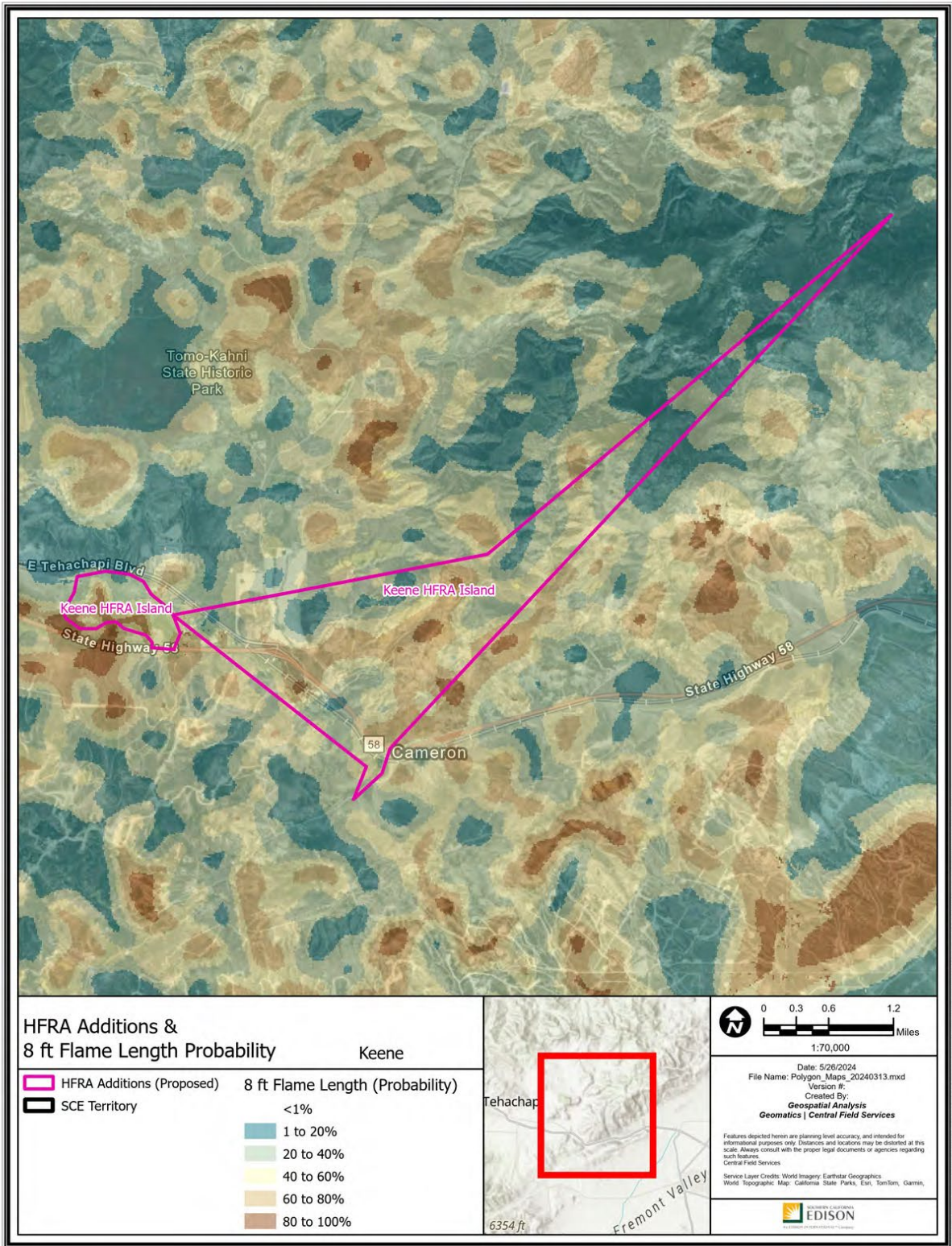
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

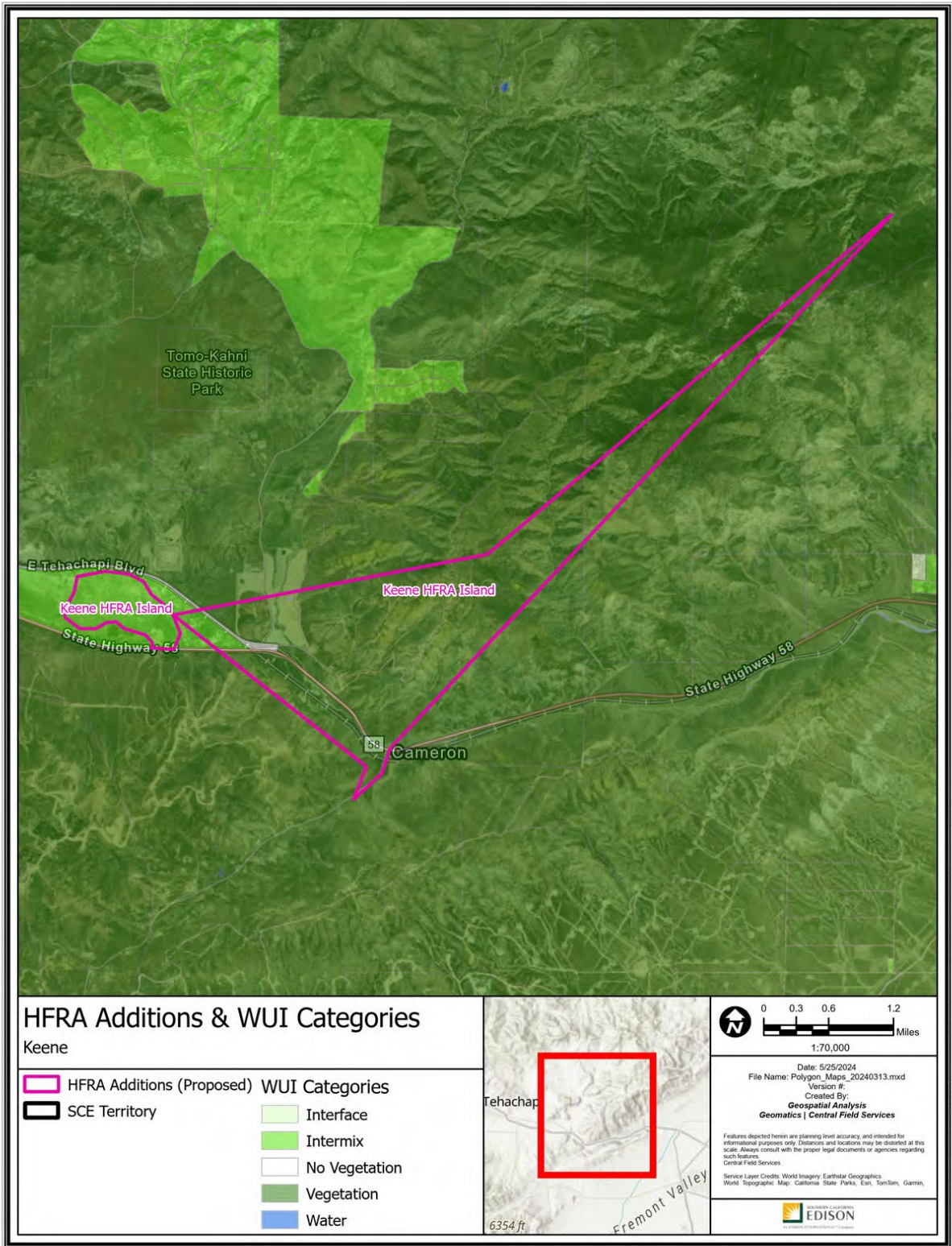
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 World Topographic Map: California State Parks, Esri, TomTom, Garmin, Central Field Services



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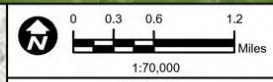




HFRA Additions & WUI Categories

Keene

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

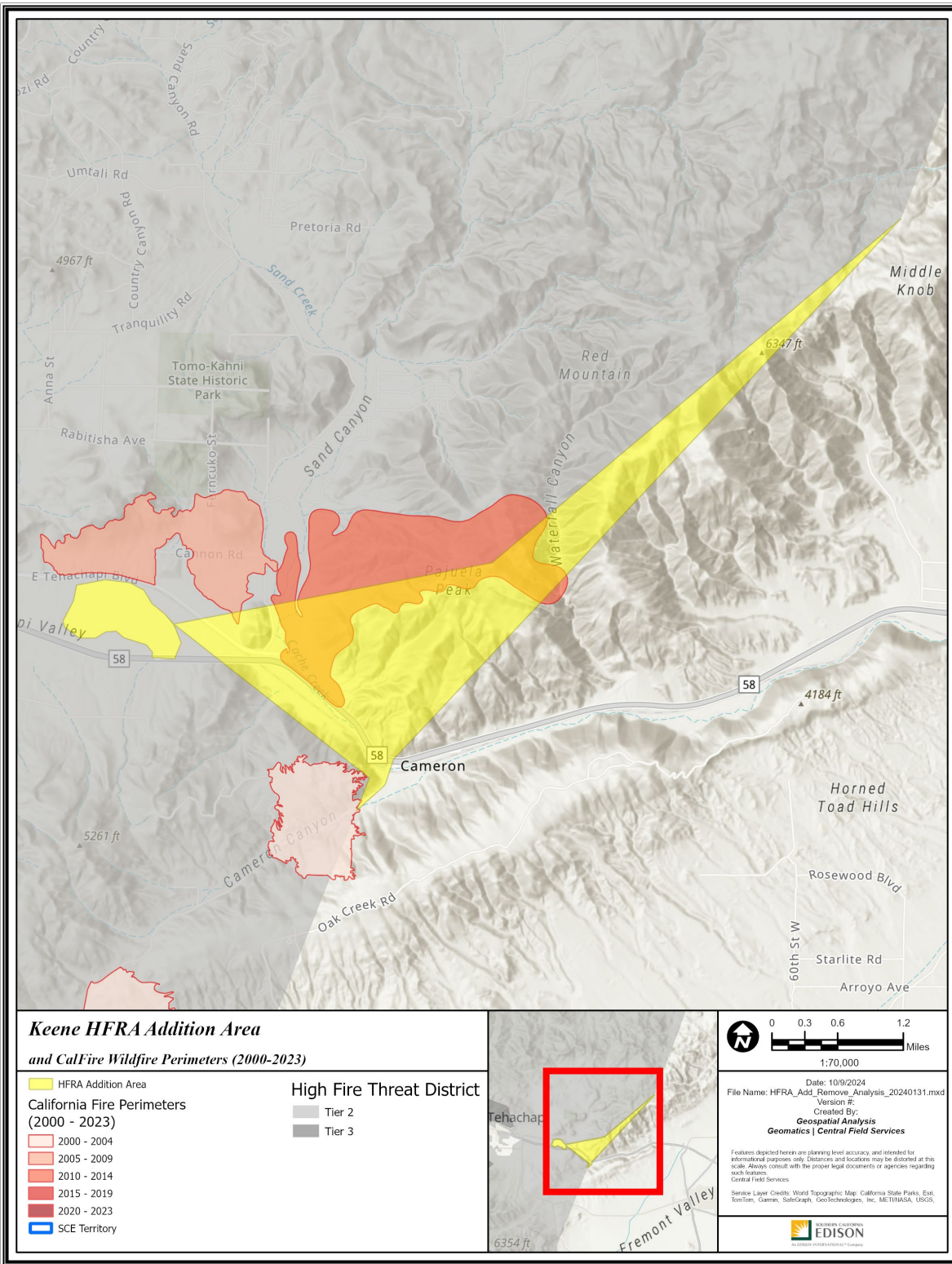


Date: 5/25/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

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 World Topographic Map: California State Parks, Esri, TomTom, Garmin.

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



Keene HFRA Addition Area

and CalFire Wildfire Perimeters (2000-2023)

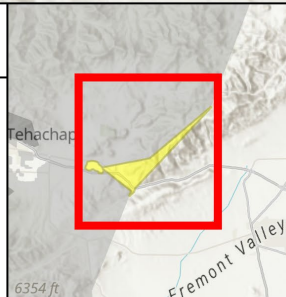
HFRA Addition Area


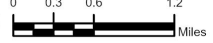
California Fire Perimeters
(2000 - 2023)

- 2000 - 2004
- 2005 - 2009
- 2010 - 2014
- 2015 - 2019
- 2020 - 2023
- SCE Territory

High Fire Threat District

- Tier 2
- Tier 3




 1:70,000

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

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 Central Field Services
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Removals

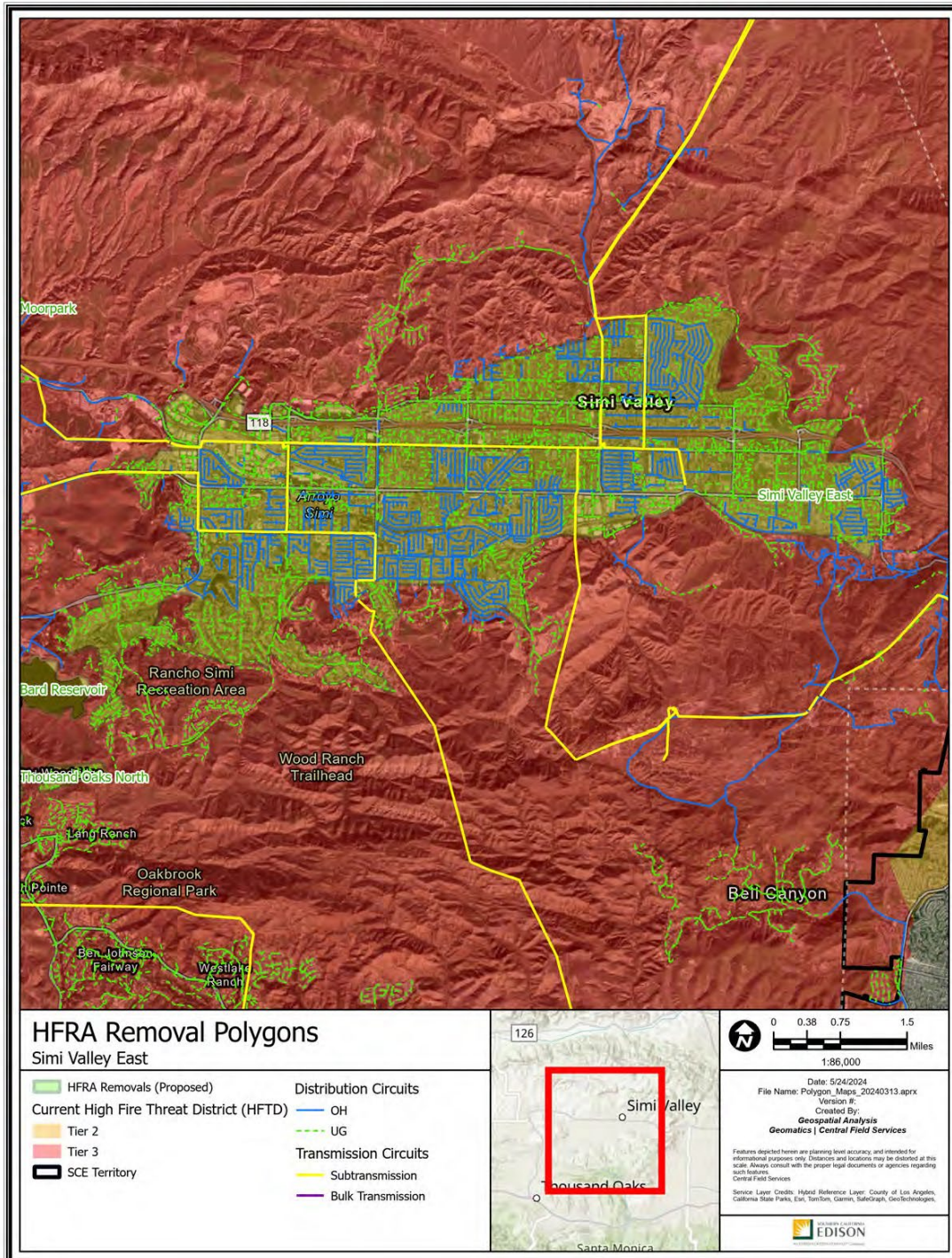
Urban Areas

R1 – Simi Valley East

Ventura County

-118.741927, 34.272515

11,816 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
46.9%	Non Burnable Urban Areas
24.8%	Roads Surrounded by Non Burnable Fuels
6.8%	Moderate Load Dry Climate Grass Shrub
5.2%	Urban Core Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
1.3%	82.8%	0.5%	13.0%	2.4%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
140.68	230.75	20.25	1.11	0	392.79

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%)
42,363	1.71°	3: Moderate	5%

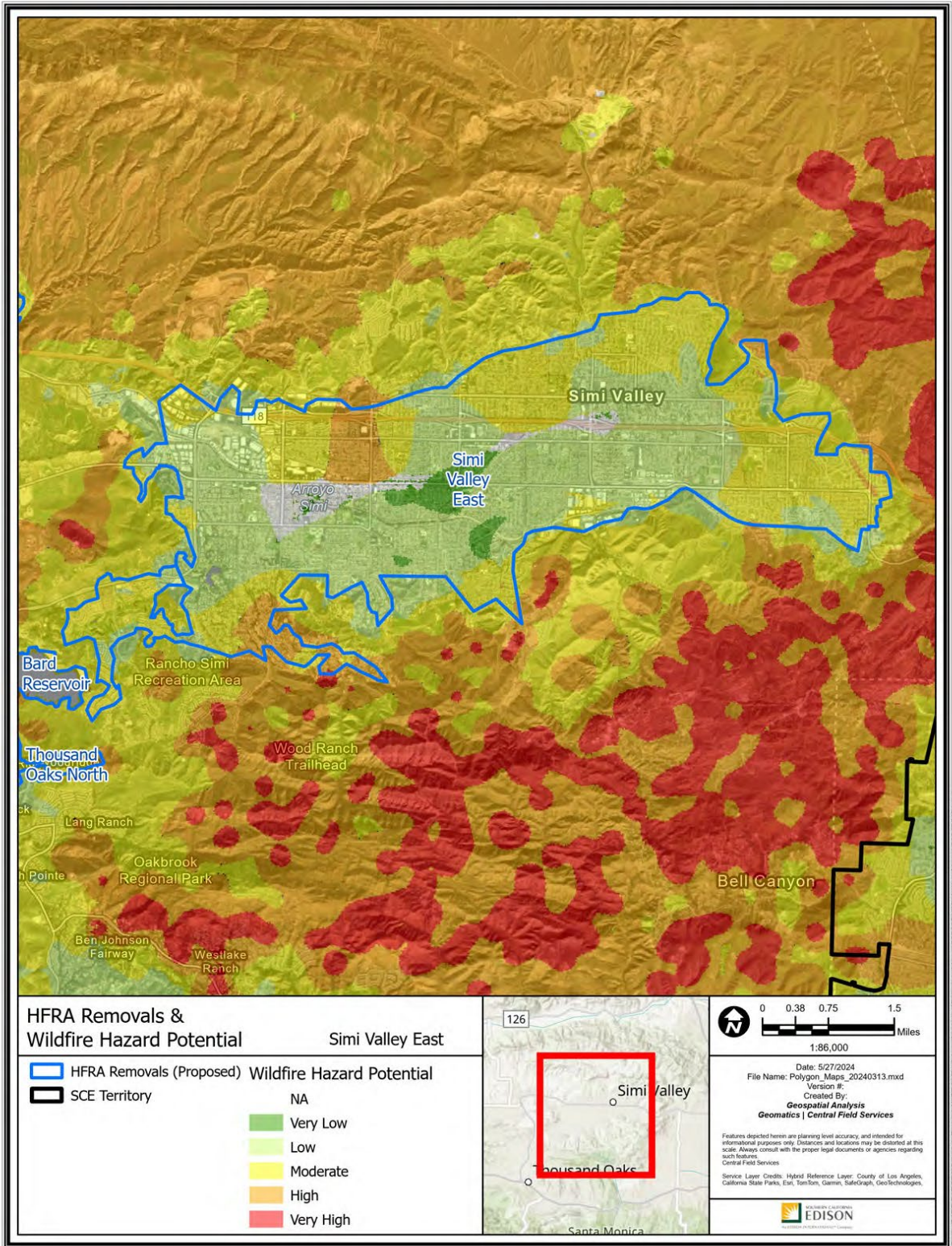
This removal features some areas that met threshold levels of IWMS criteria:

- The polygon overlaps with regions where wildfire consequence modeling indicates Severe outputs.
- The polygon overlaps with regions that met burn-in buffer criteria.
- The polygon overlaps with regions that have high wind exposure.

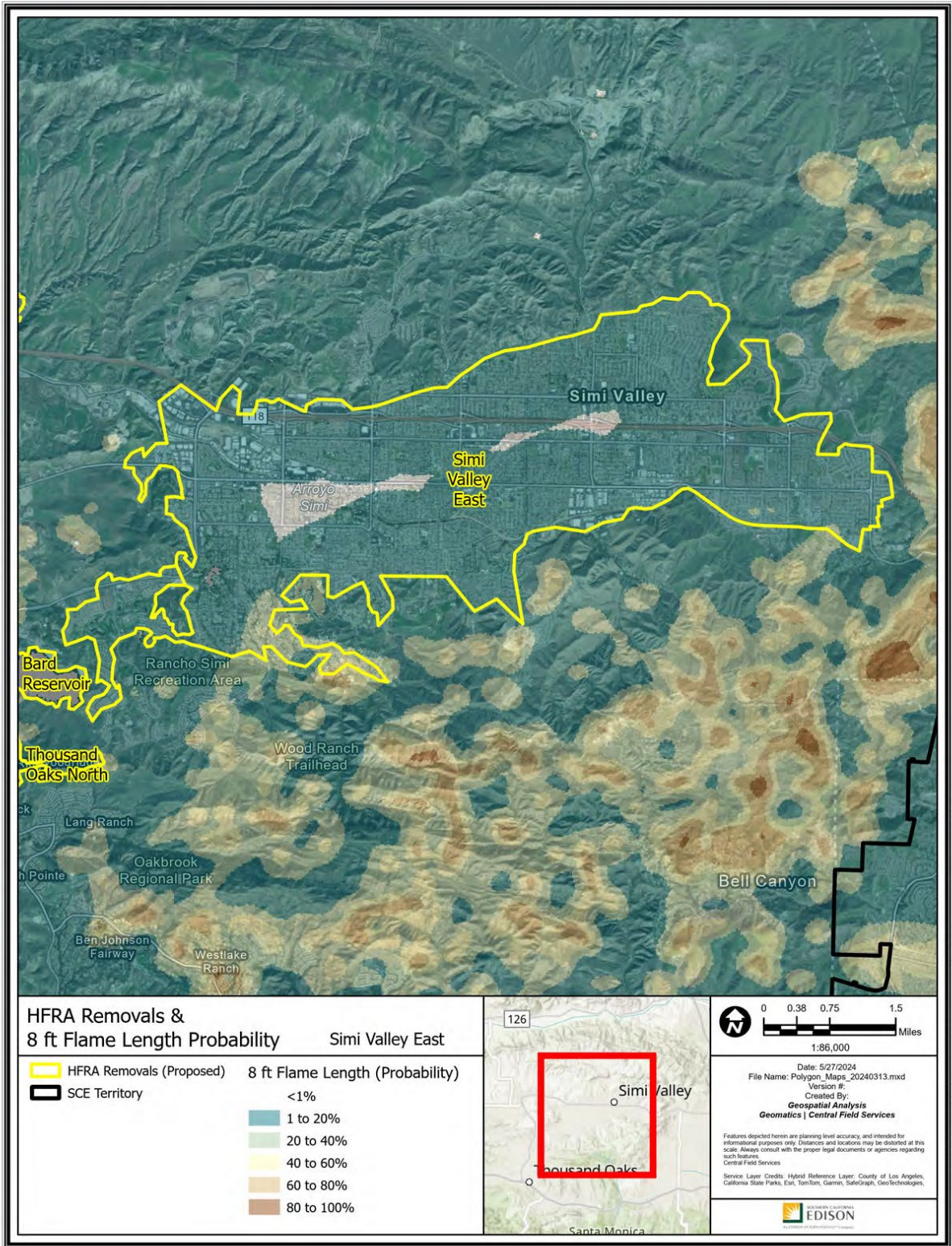
Recommendation:

SCE proposes to remove the Simi Valley East polygon from HFTD. While the surrounding areas present elevated wildfire risk, the designation of this polygon as Wildland-Urban Interface is inaccurate, as it aligns with the characteristics of an urban area and does not present the same elevated levels of wildfire risk as the surrounding area. In particular:

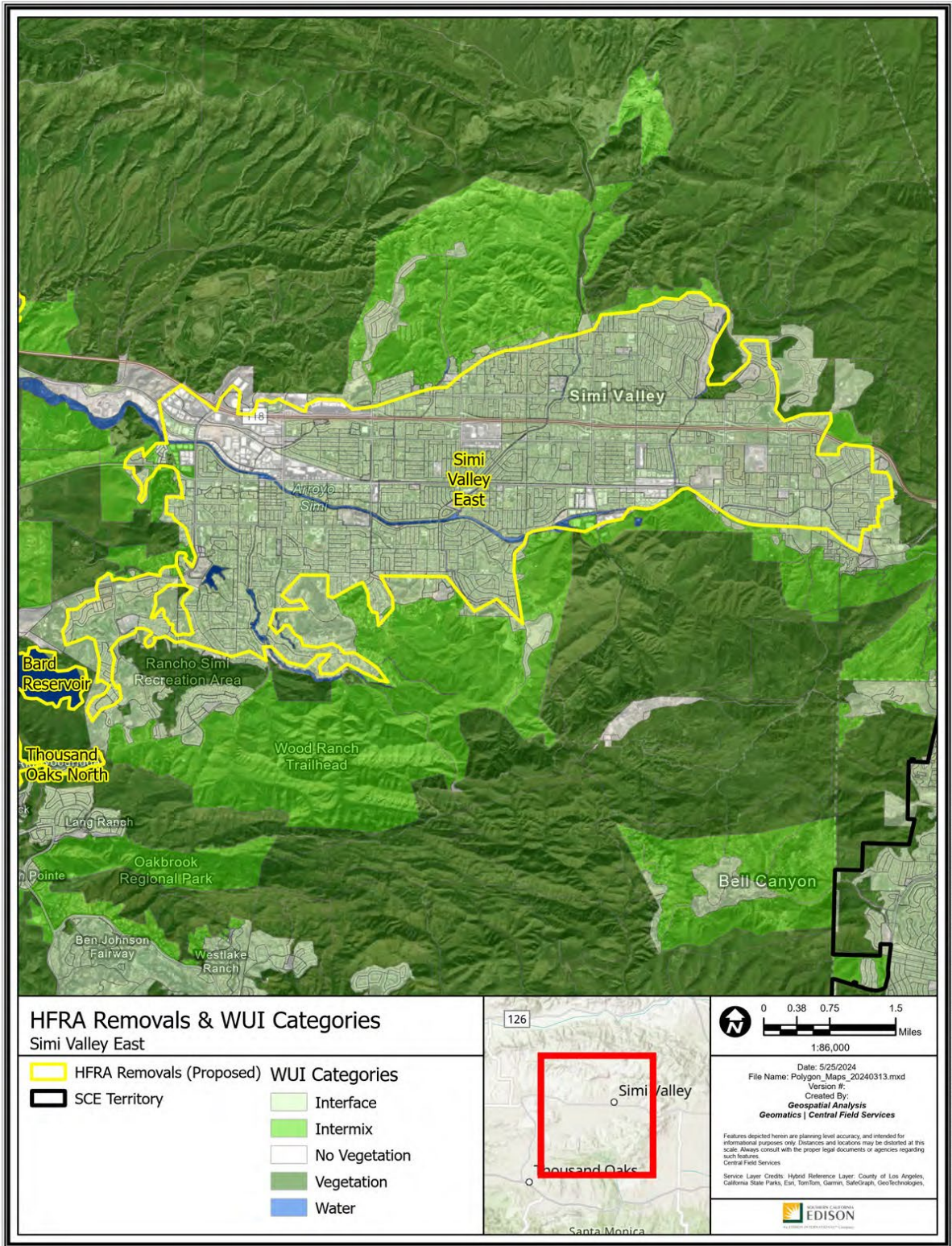
1. The vegetation and land use in this polygon match urban characteristics.
2. 72% of the land cover in this polygon is non-burnable.



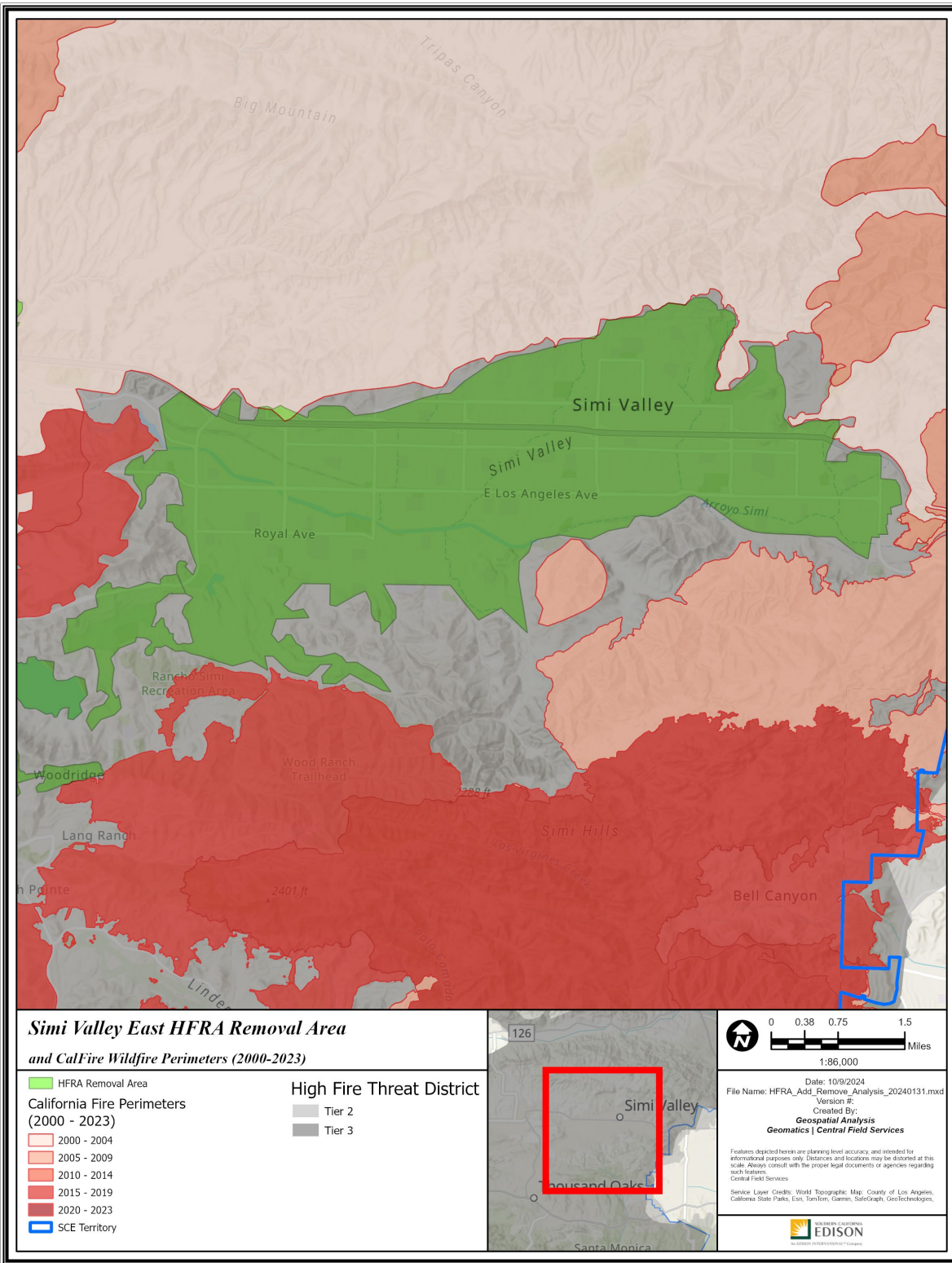
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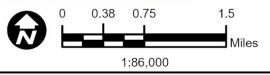


Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Simi Valley East 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

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 Central Field Services

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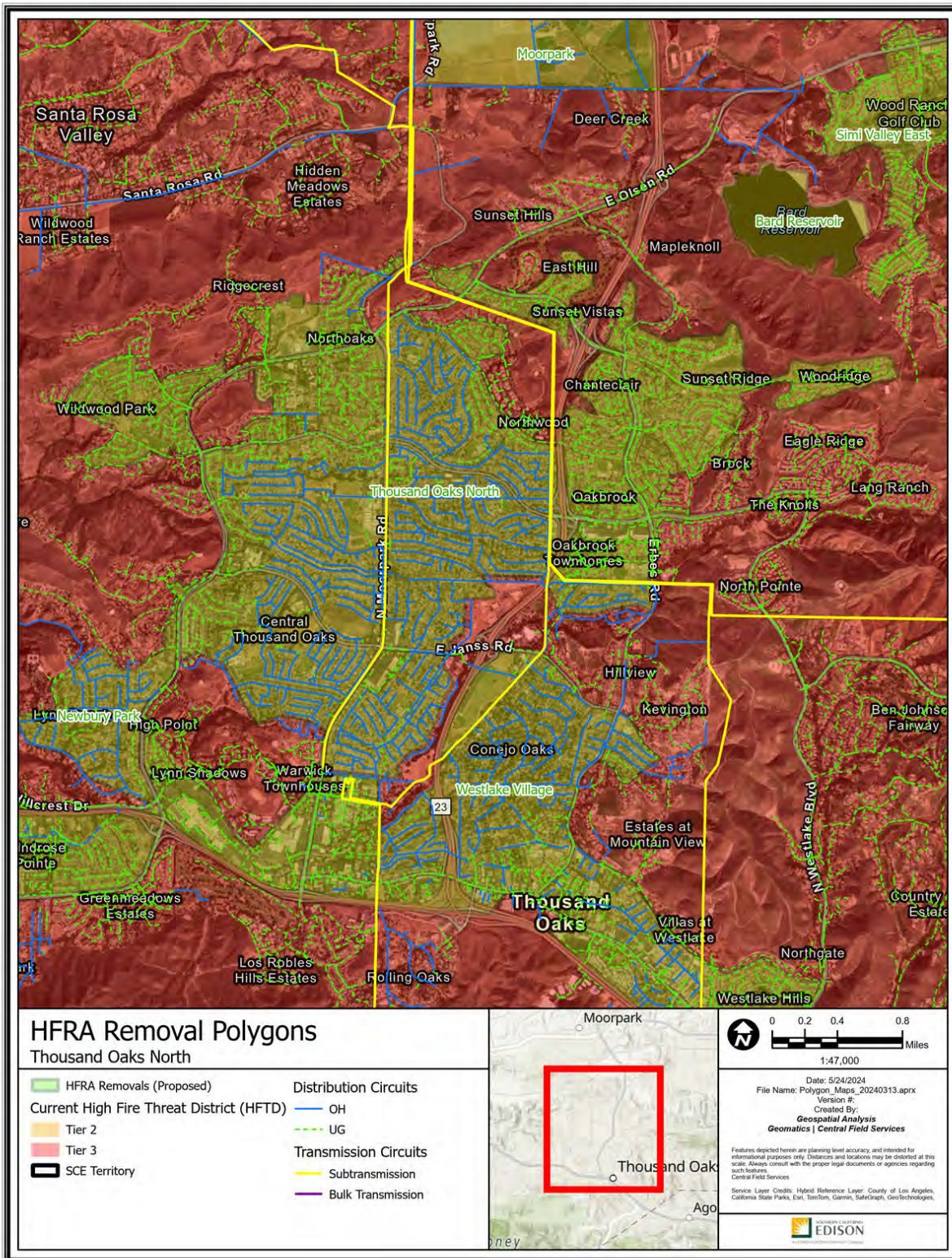
Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R2 – Thousand Oaks North

Ventura County

-118.863845, 34.213725

4,300 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
28.4%	Non Burnable Urban Areas
18.6%	Roads Surrounded by Non Burnable Fuels
18.3%	Urban Core Surrounded by Low Fire Behavior Fuel
12.7%	Minor Roads Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.5%	89.5%	1.5%	8.5%	0.0%	100%

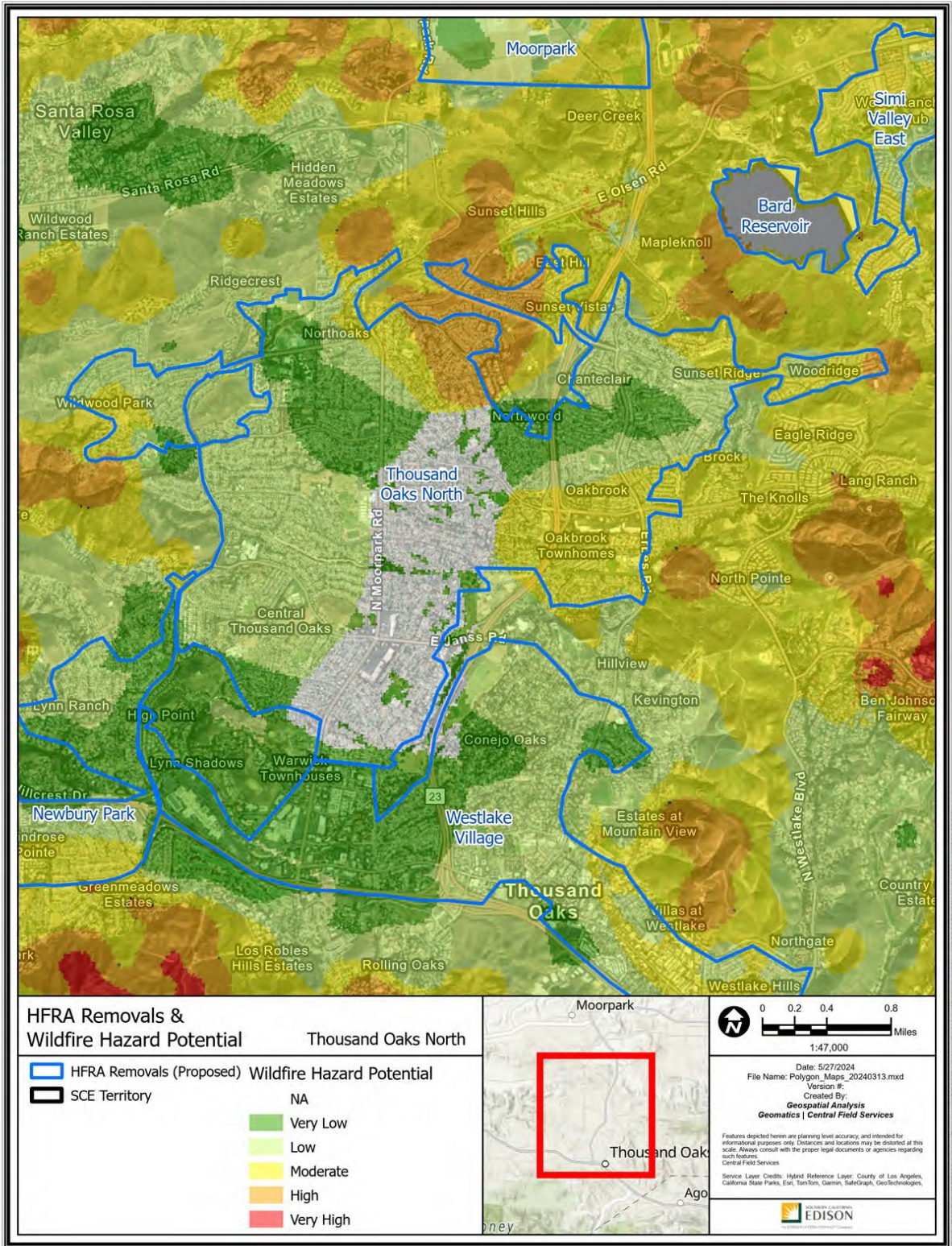
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
50.97	80.88	8.67	2.12	0	142.64

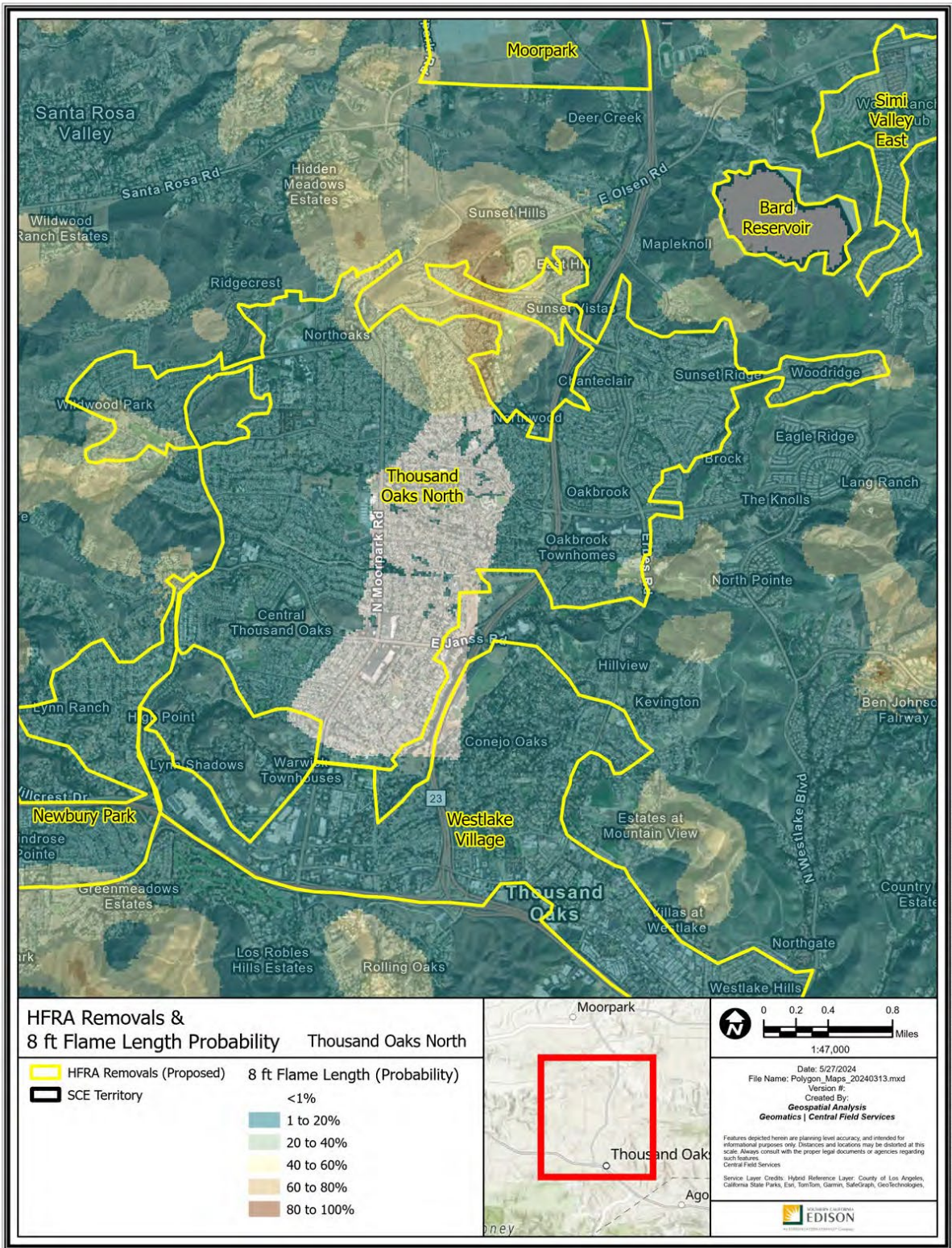
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
12,540	2.78°	2: Low	12%

Recommendation:

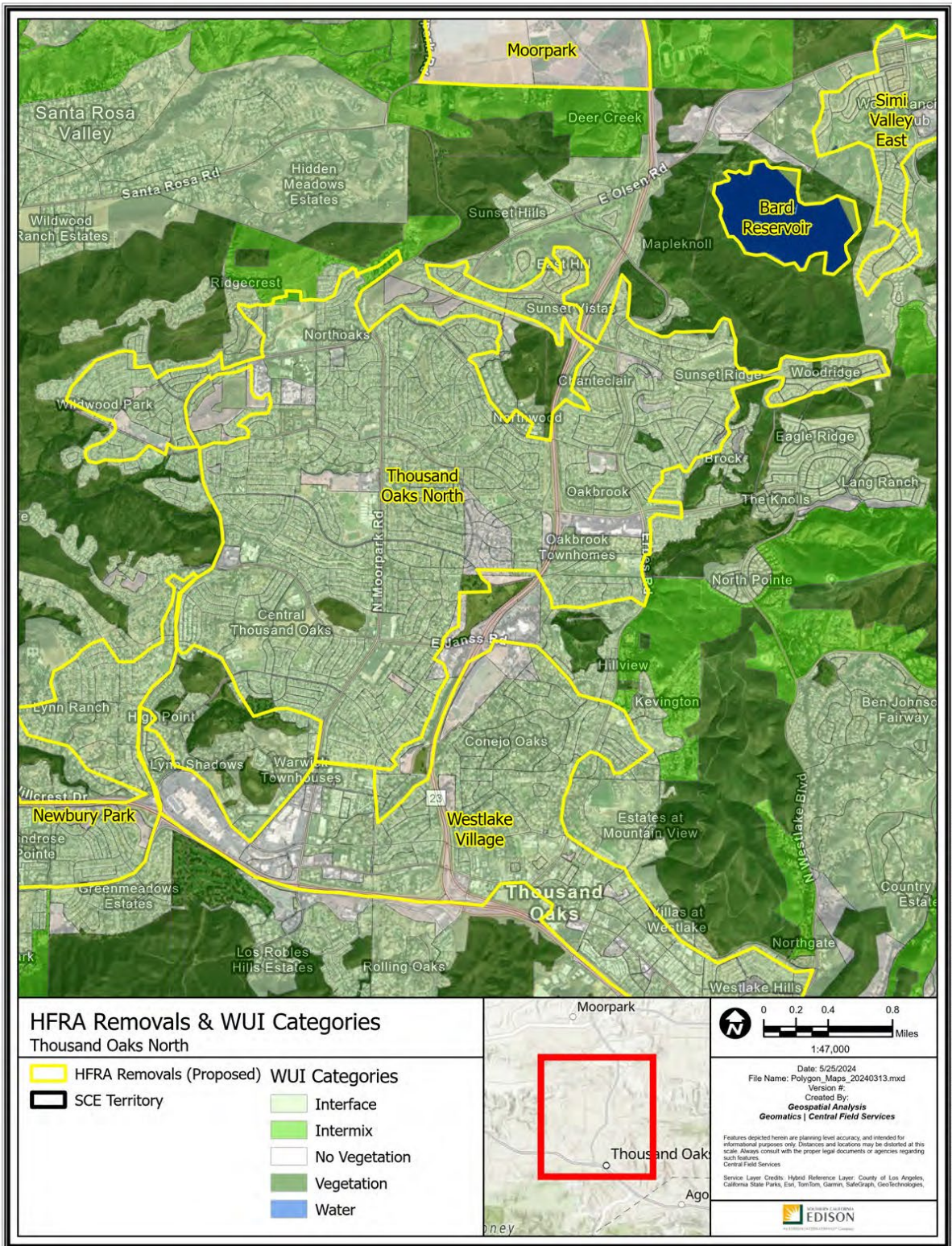
SCE proposes to remove the Thousand Oaks North polygon from HFTD. Although it is within a larger HFTD Tier 3 area characterized by mountainous terrain and fuels, the polygon is highly urbanized and does not present the same elevated level of wildfire risk as the surrounding area. In particular:

1. The vegetation and land use in this polygon match urban characteristics.
2. The polygon is comprised of 47% non-burnable and 31% low fire behavior fuels with a low fire hazard potential.

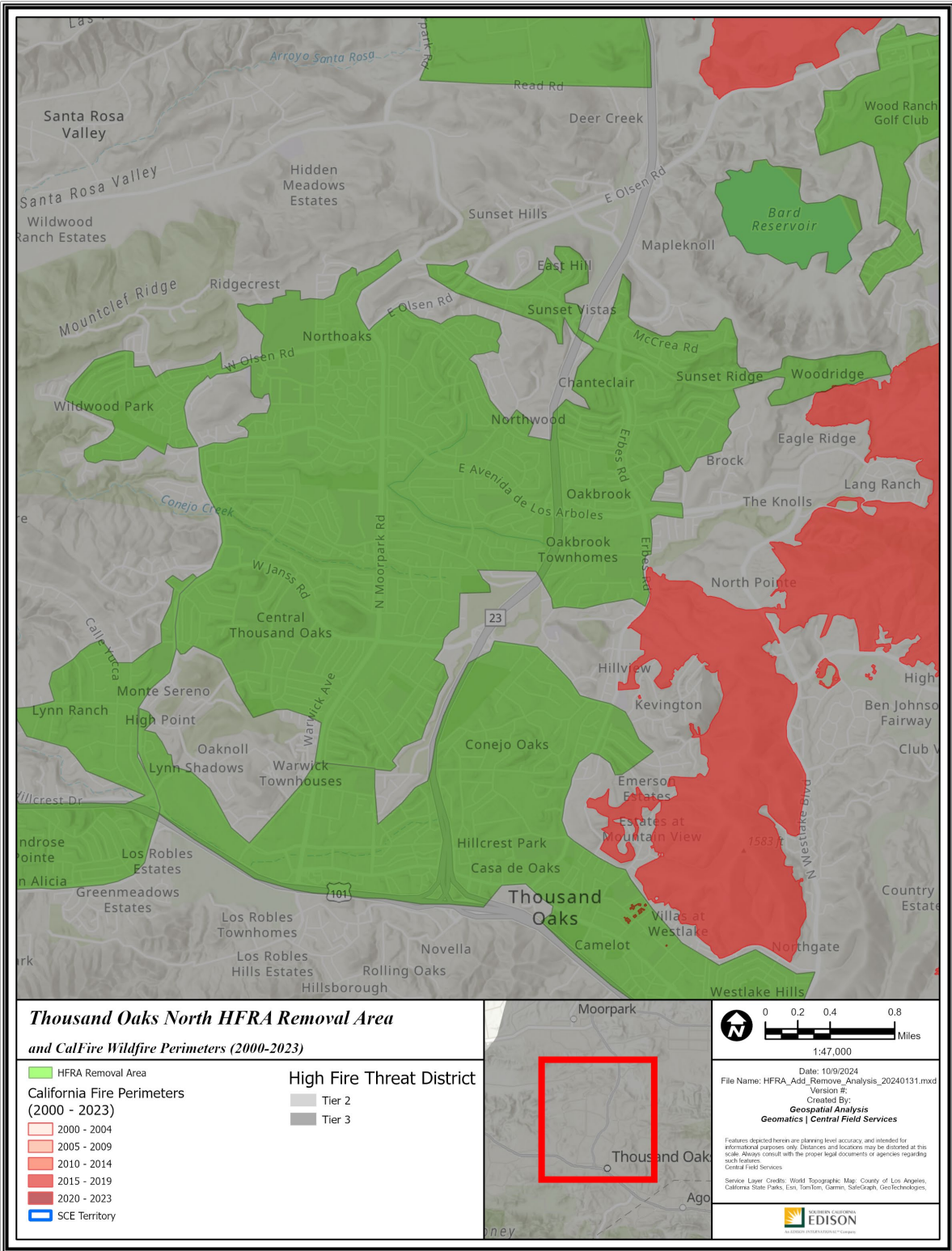




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**Thousand Oaks North HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- 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

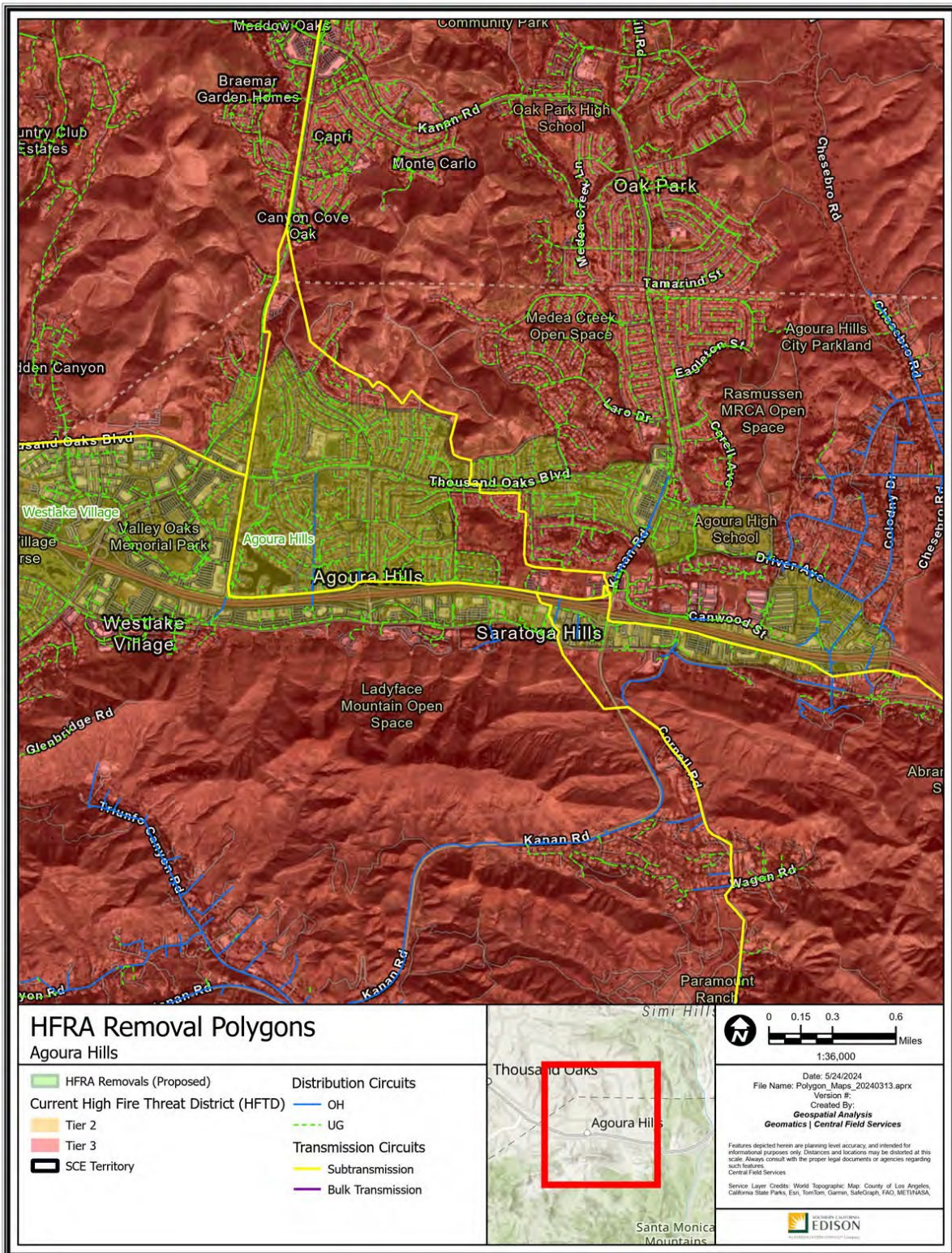
Date: 10/9/2024
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 Version #: 1
 Created By: Geospatial Analysis
Geomatics | Central Field Services

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 Service Layer Credits: World Topographic, Map, County of Los Angeles, California State Parks, Esri, TomTom, Garmin, StateGraph, Geotechnologies, Central Field Services.

Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis_20240131\FHRA_Acct_Remove_Analysis_20240131.aprx

R3 – Agoura Hills

Los Angeles County
 -118.776285, 34.150858
 1,613 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
44.7%	Non Burnable Urban Areas
26.8%	Roads Surrounded by Non Burnable Fuels
4.5%	Urban Core Surrounded by Low Fire Behavior Fuel
4.5%	Moderate Load Dry Climate Grass Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
2.6%	65.7%	0.3%	30.6%	0.9%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
7.15	50.6	6.41	0.18	0	64.34

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%)
5,000	2.45°	3: Moderate	19%

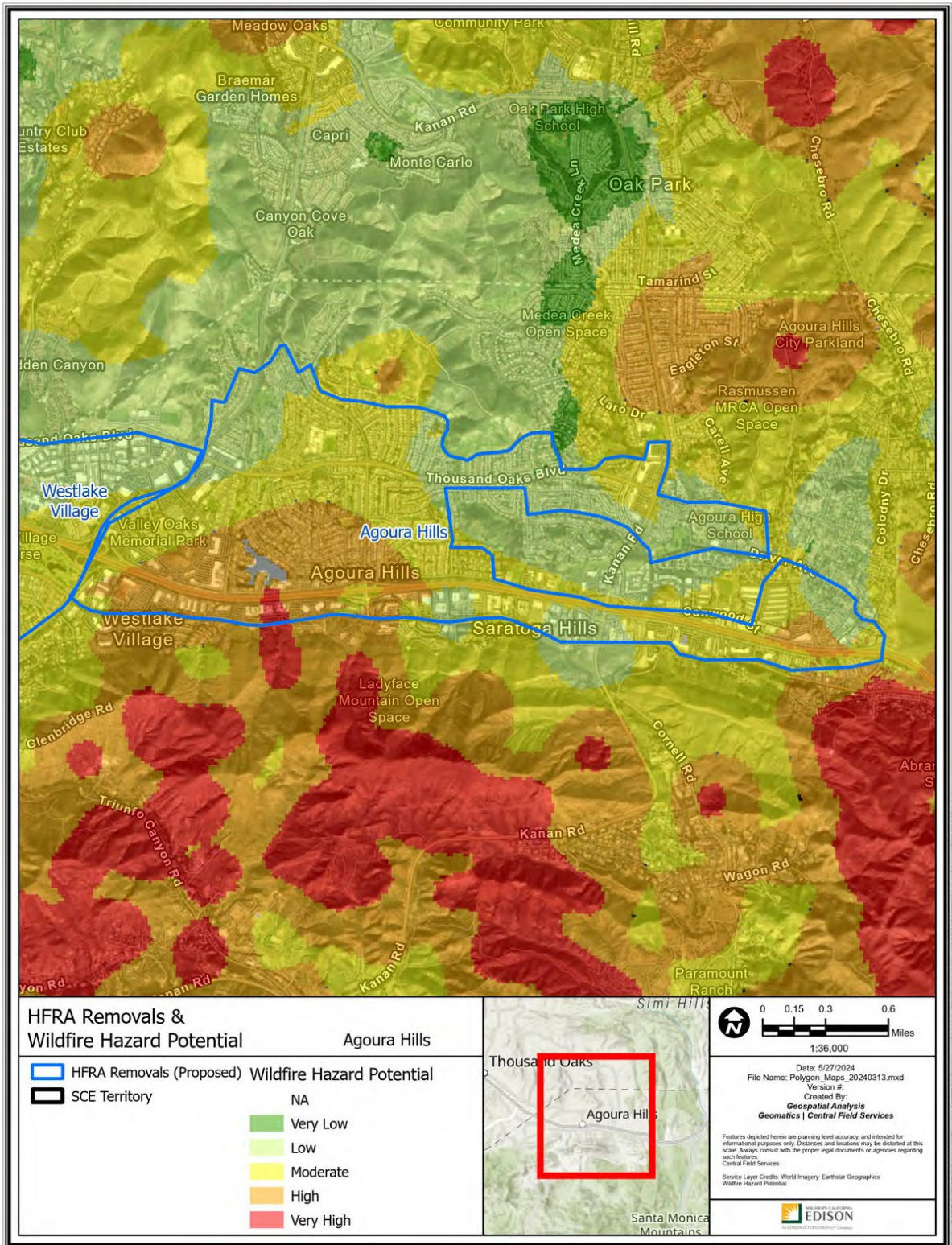
This removal features some areas that met threshold levels of IWMS criteria:

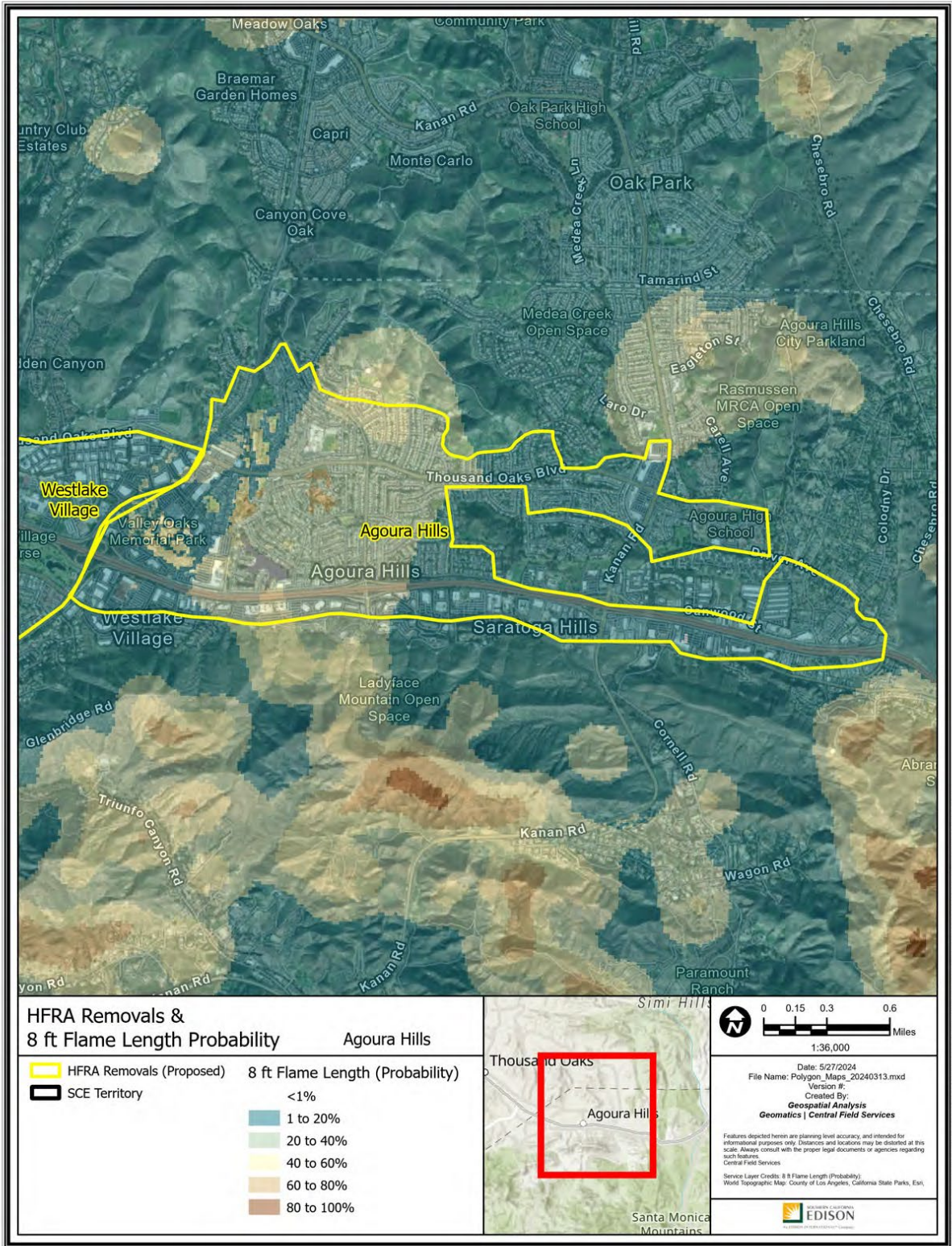
- The polygon overlaps with regions that have a high ratio of population to roadways.

Recommendation:

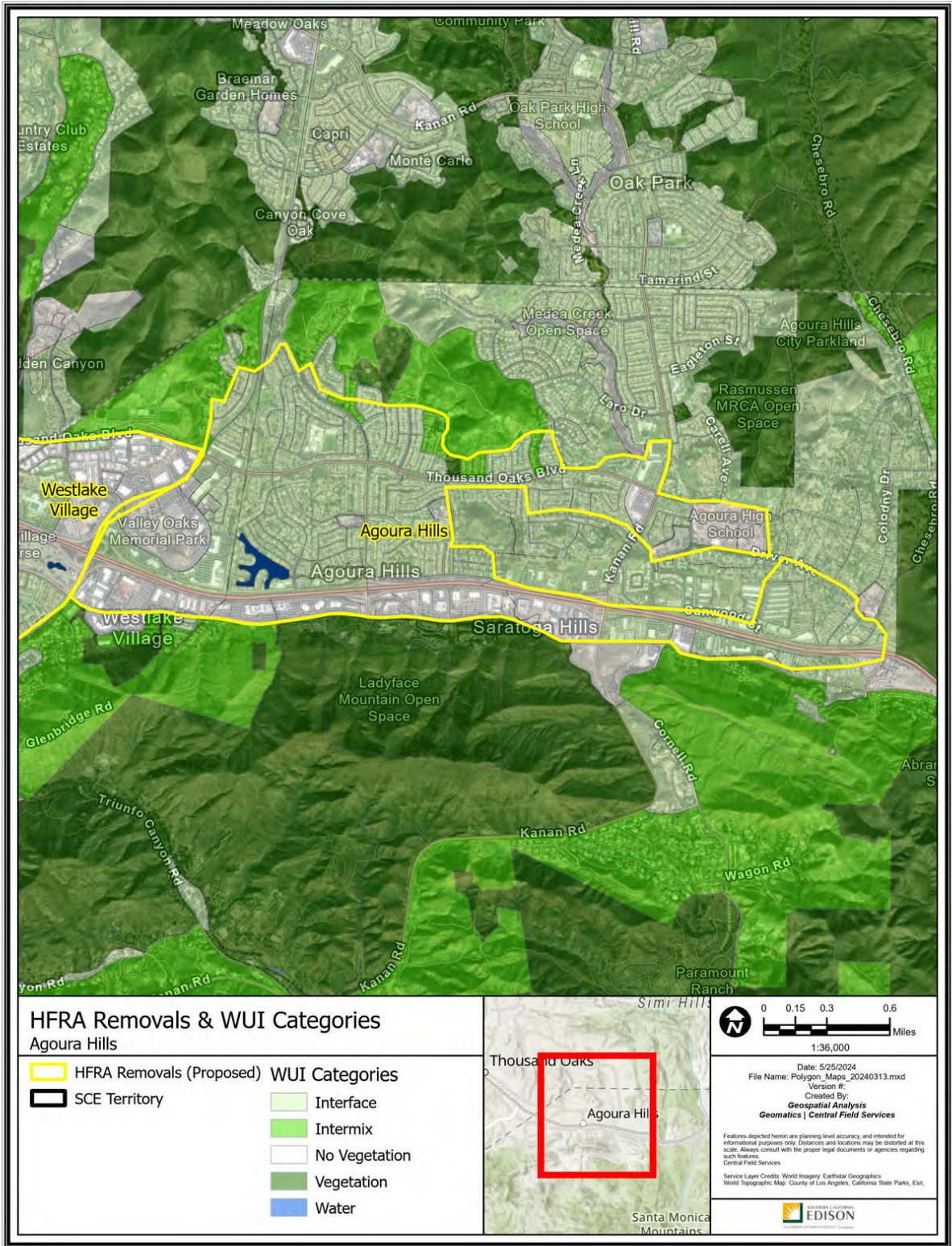
SCE proposes to remove the Agoura Hills polygon from HFTD. Although it is within a larger HFTD Tier 3 area characterized by mountainous terrain and fuels, the polygon is highly urbanized and does not present the same elevated level of wildfire risk as the surrounding area. In particular:

1. The land use and vegetation in this polygon match urban characteristics.
2. 71% of land cover in this polygon is non-burnable.

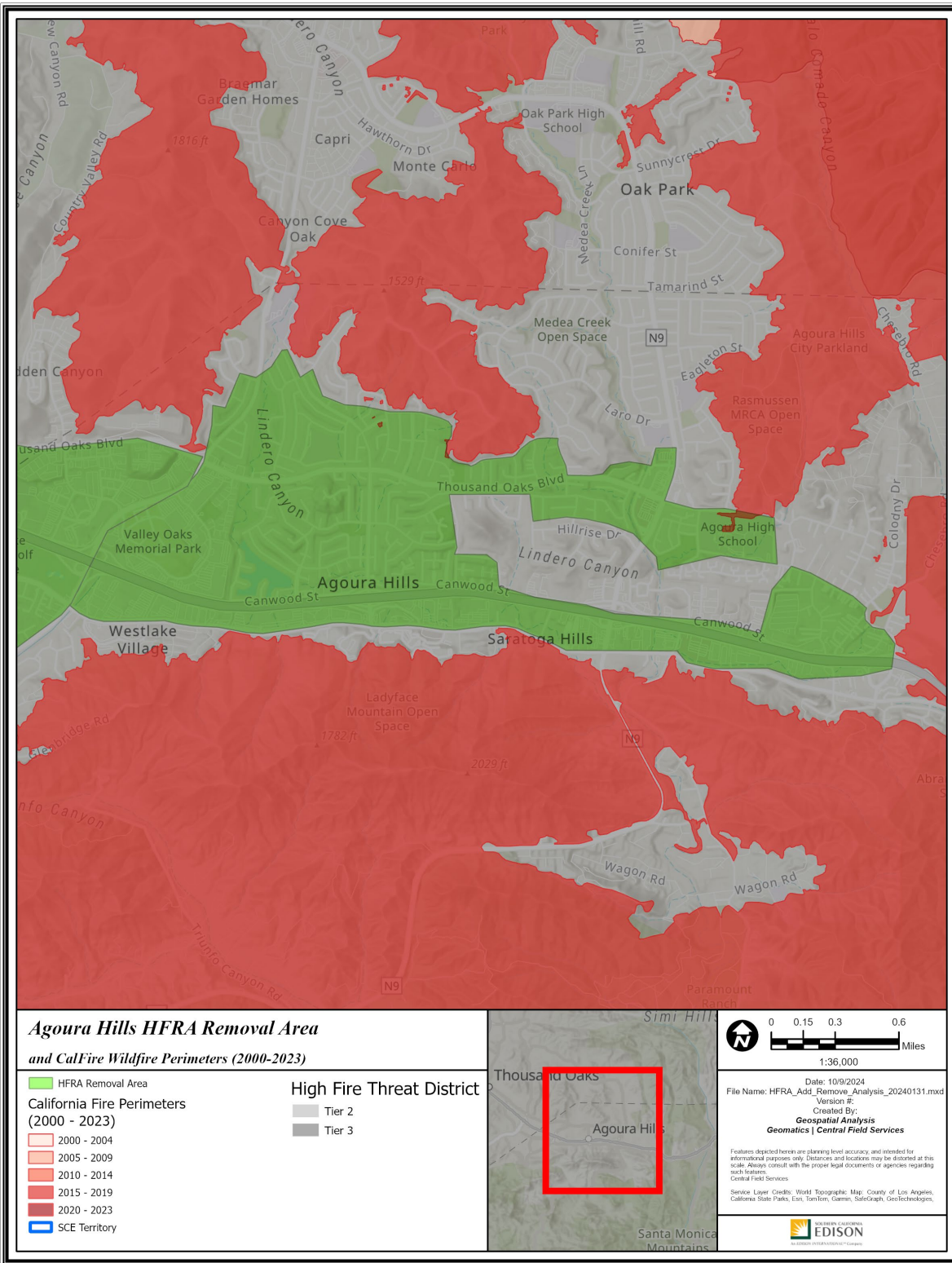




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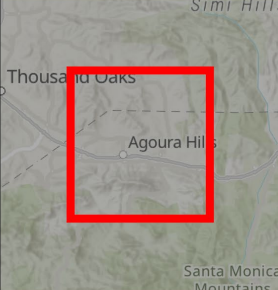


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**Agoura Hills HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**


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



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 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
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 Created By:
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 Central Field Services

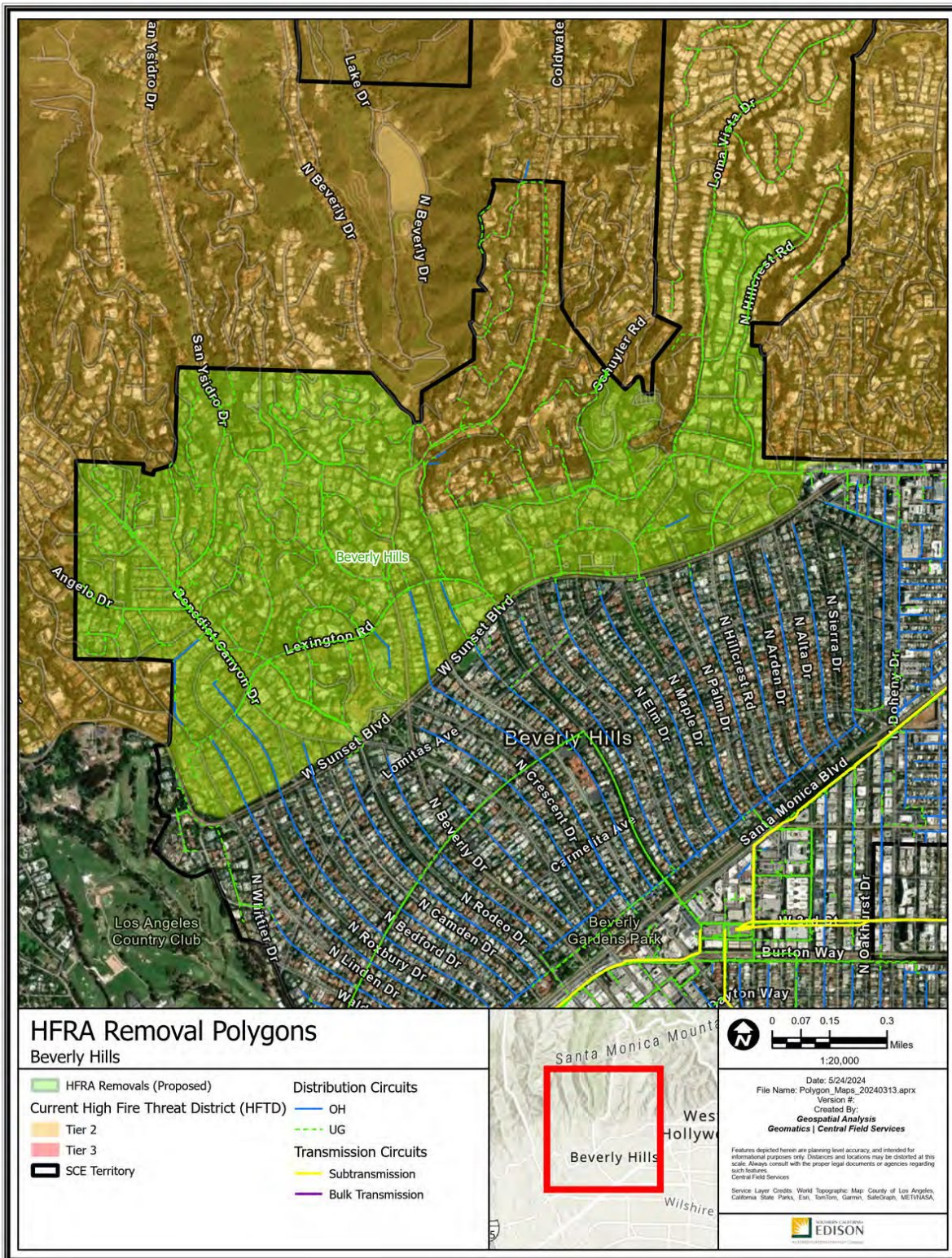
Service Layer Credits: World Topographic Map, County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, Geotechnologies,



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R4 – Beverly Hills

Los Angeles County
 -118.412968, 34.087853
 776 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
42.2%	Urban Core Surrounded by Low Fire Behavior Fuel
21.0%	Minor Roads Surrounded by Low Fire Behavior Fuel
9.2%	Low Load Dry Climate Grass Shrub
5.8%	Timber Litter

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.1%	0.0%	0.0%	99.9%	0.0%	100%

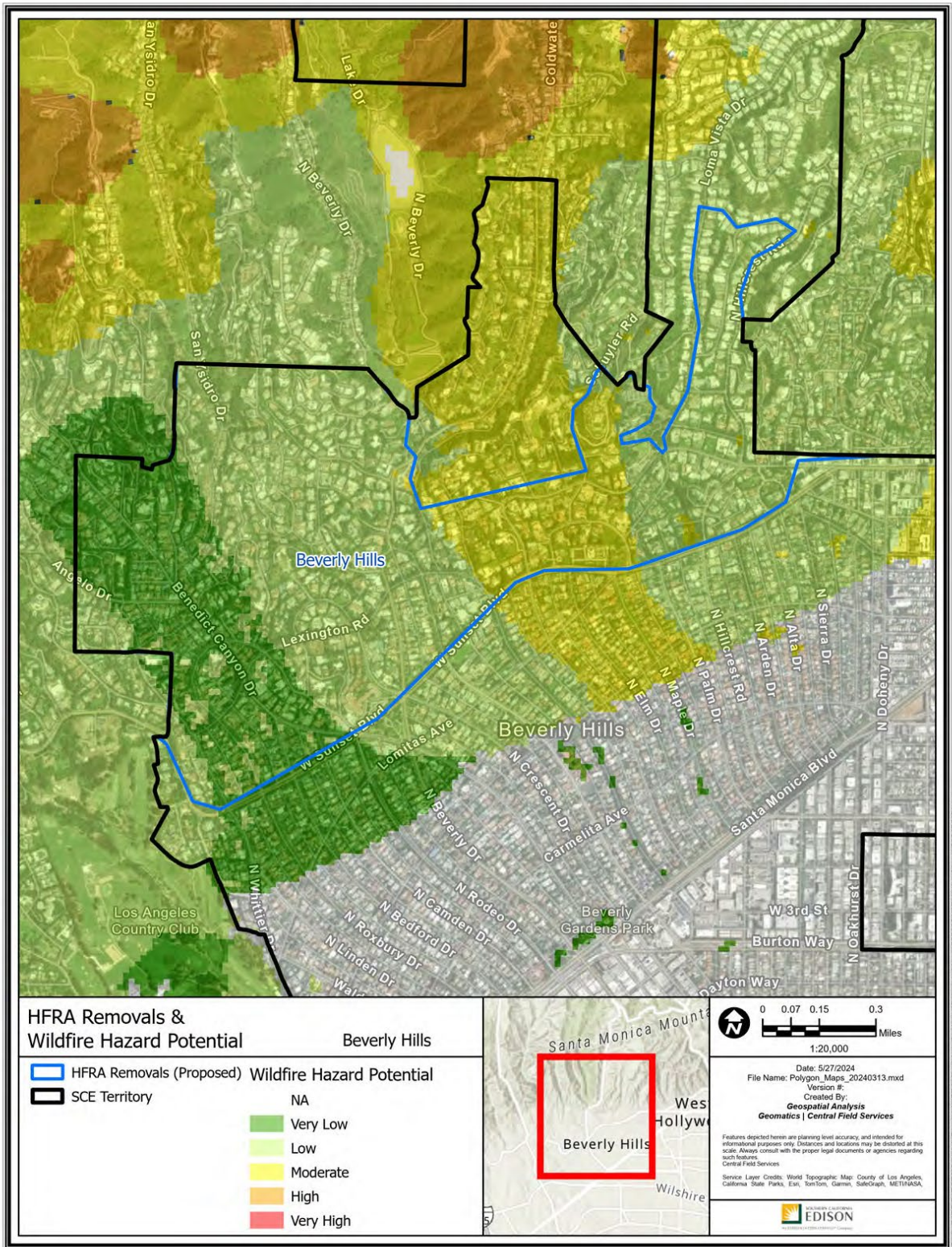
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
1.63	35.49	0	0	0	37.12

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%)
1,051	4.3°	2: Low	20%

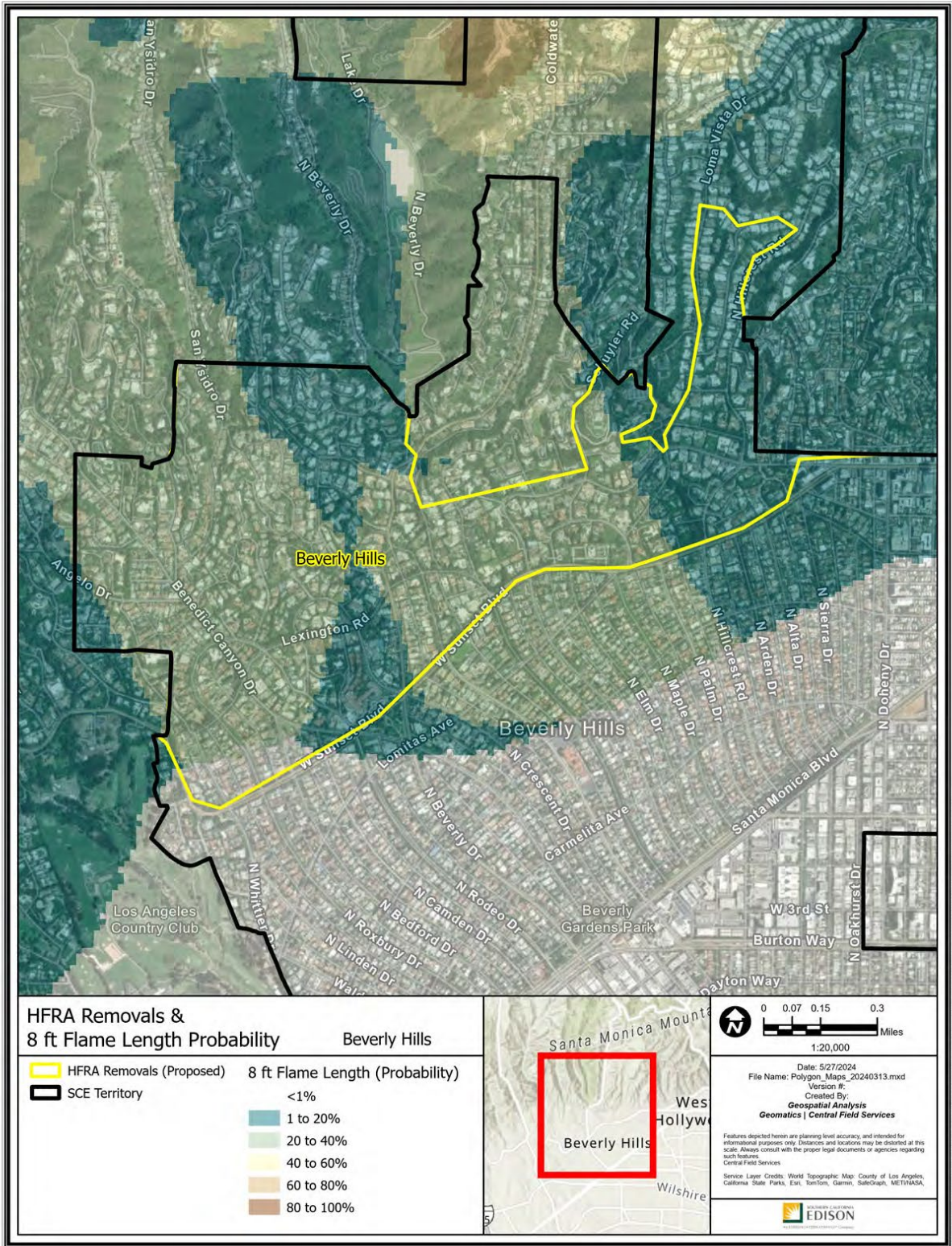
Recommendation:

SCE proposes to remove the Beverly Hills polygon from HFTD. Although the urban density of this area decreases further up the mountain ridges and poses elevated wildfire risk, the polygon that SCE proposes for removal is urbanized with minimal fuels. In particular:

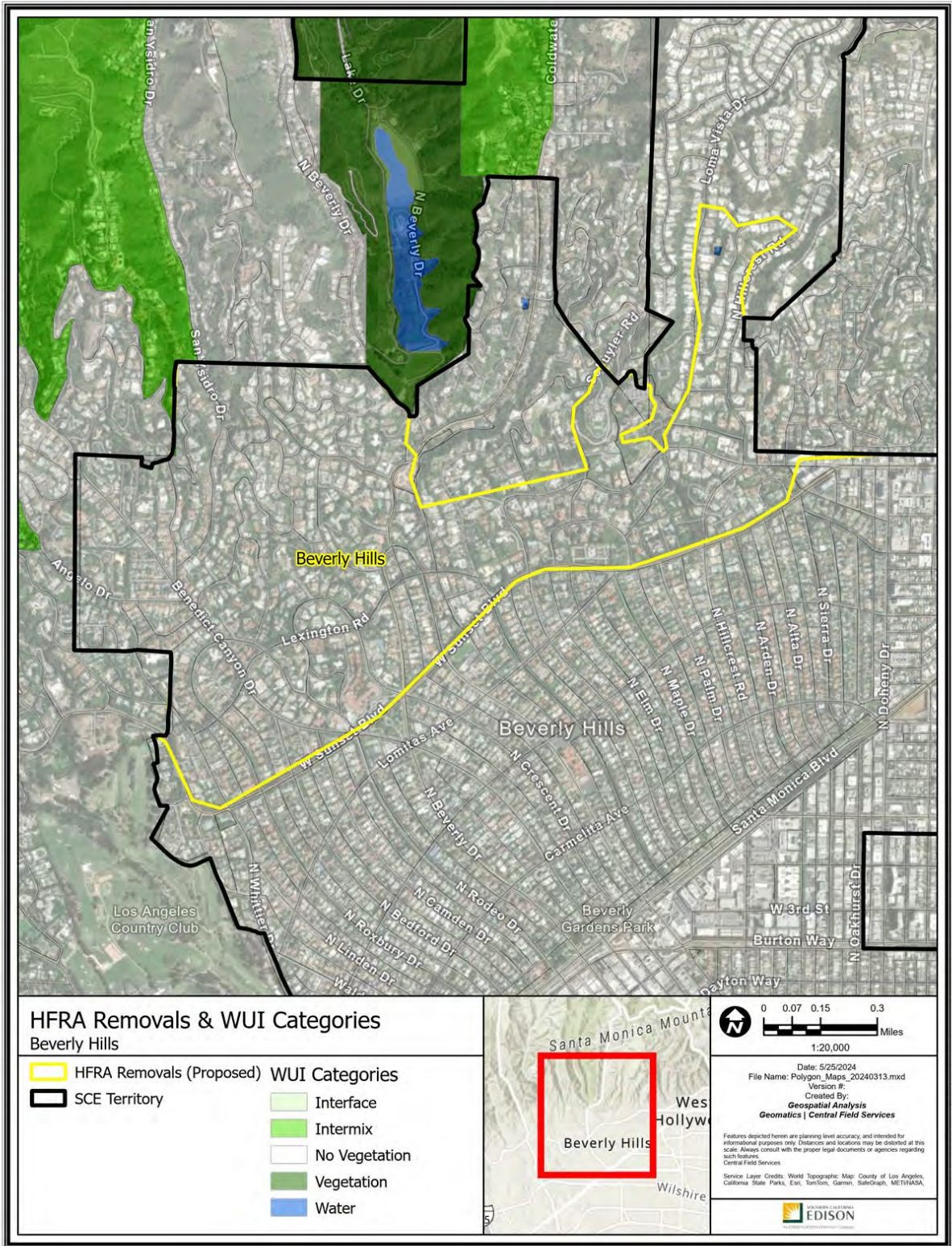
1. The polygon represents an urban area with a high population density.
2. The boundaries were drawn to the edge of SCE's territory or aligned with the nearest roads when the terrain became more complex and the density of homes decreased.



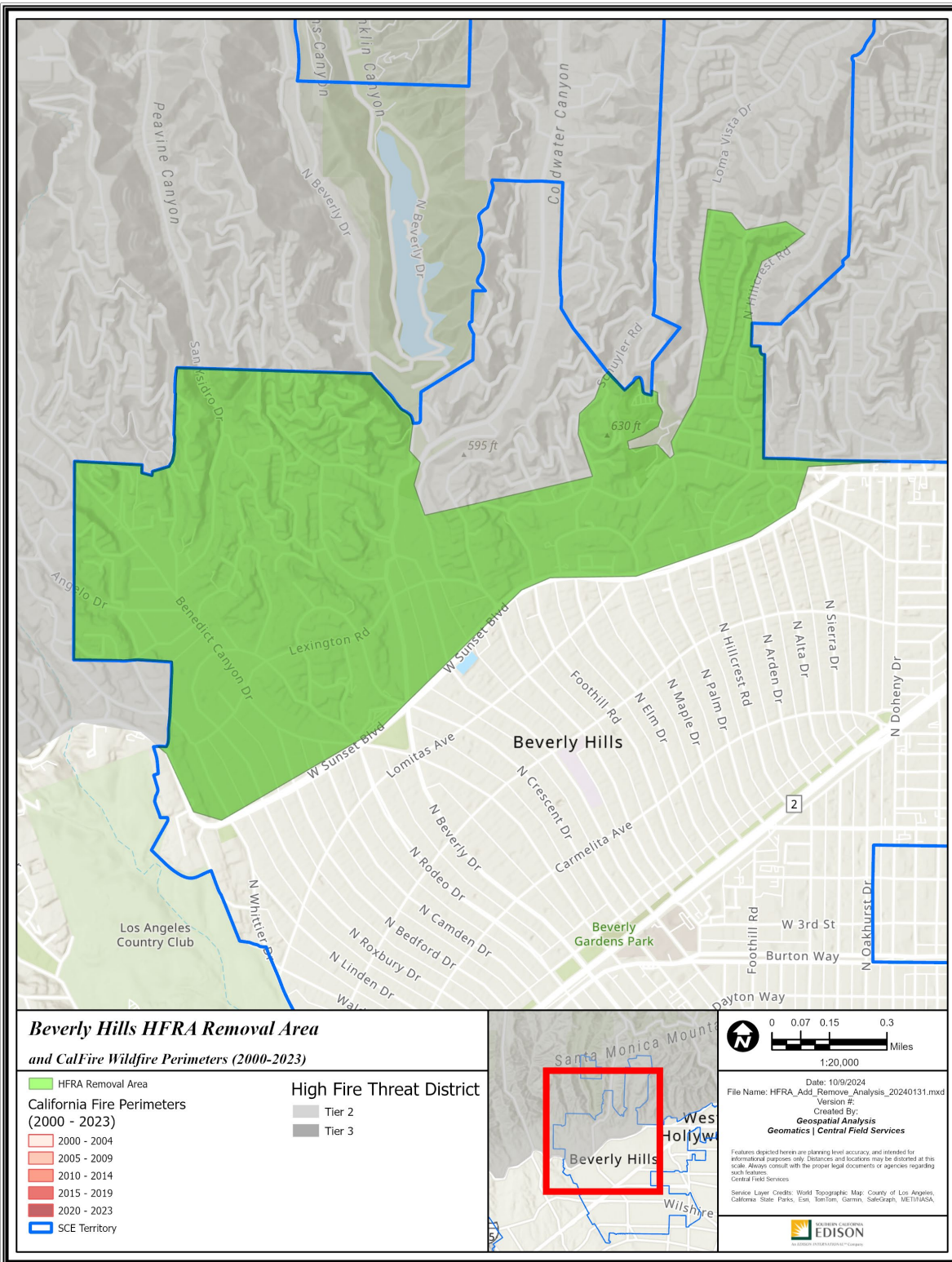
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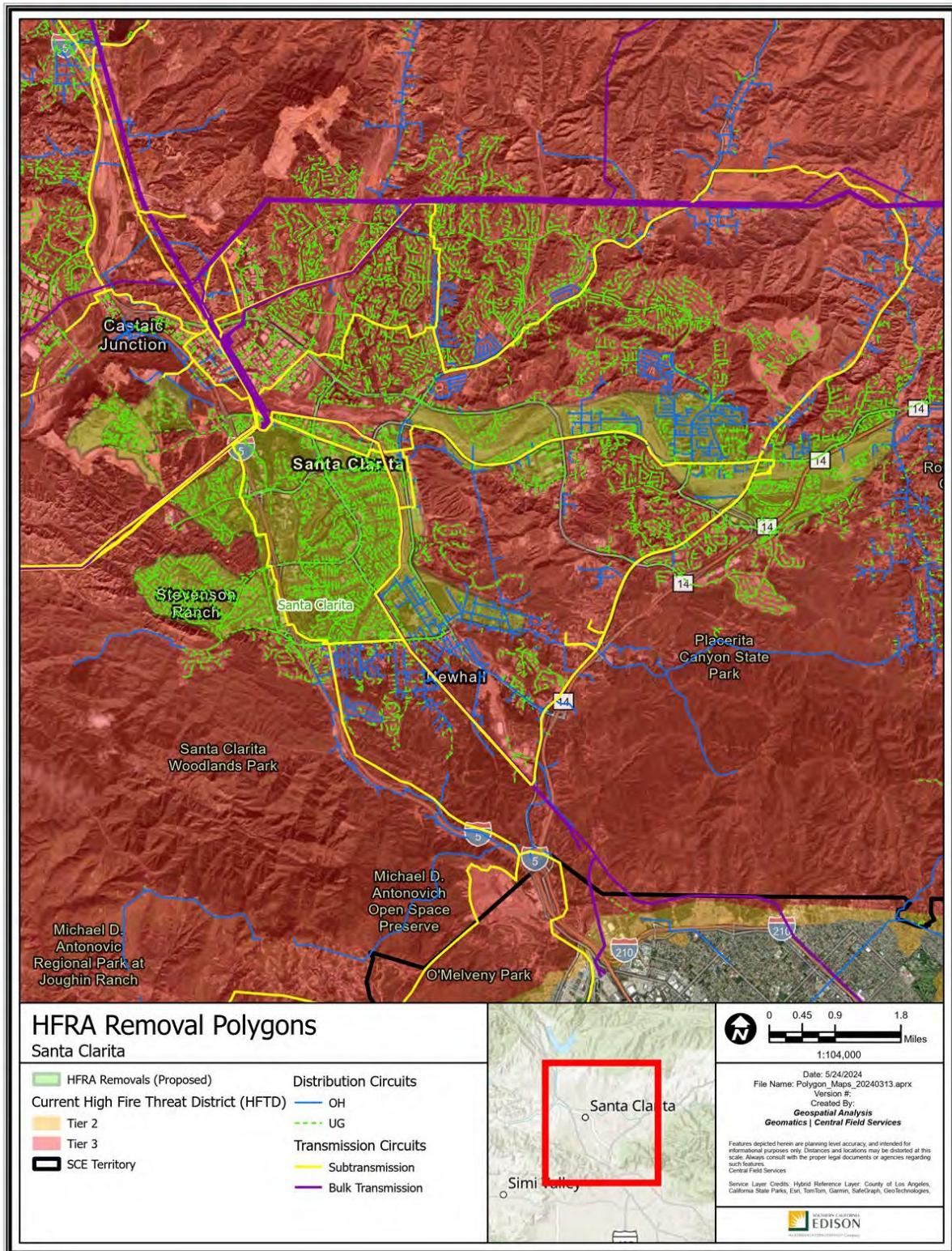
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Path: P:\PROJECTS\Special_Projects\HFRA_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R5 – Santa Clarita

Los Angeles County
 -118.534, 34.407354
 10,714 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
31.3%	Non Burnable Urban Areas
18.1%	Roads Surrounded by Non Burnable Fuels
15.2%	Moderate Load Dry Climate Grass Shrub
5.4%	Bare Ground

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
9.4%	68.0%	1.5%	17.4%	3.8%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
39.96	291.38	20.02	9.76	10.31	371.43

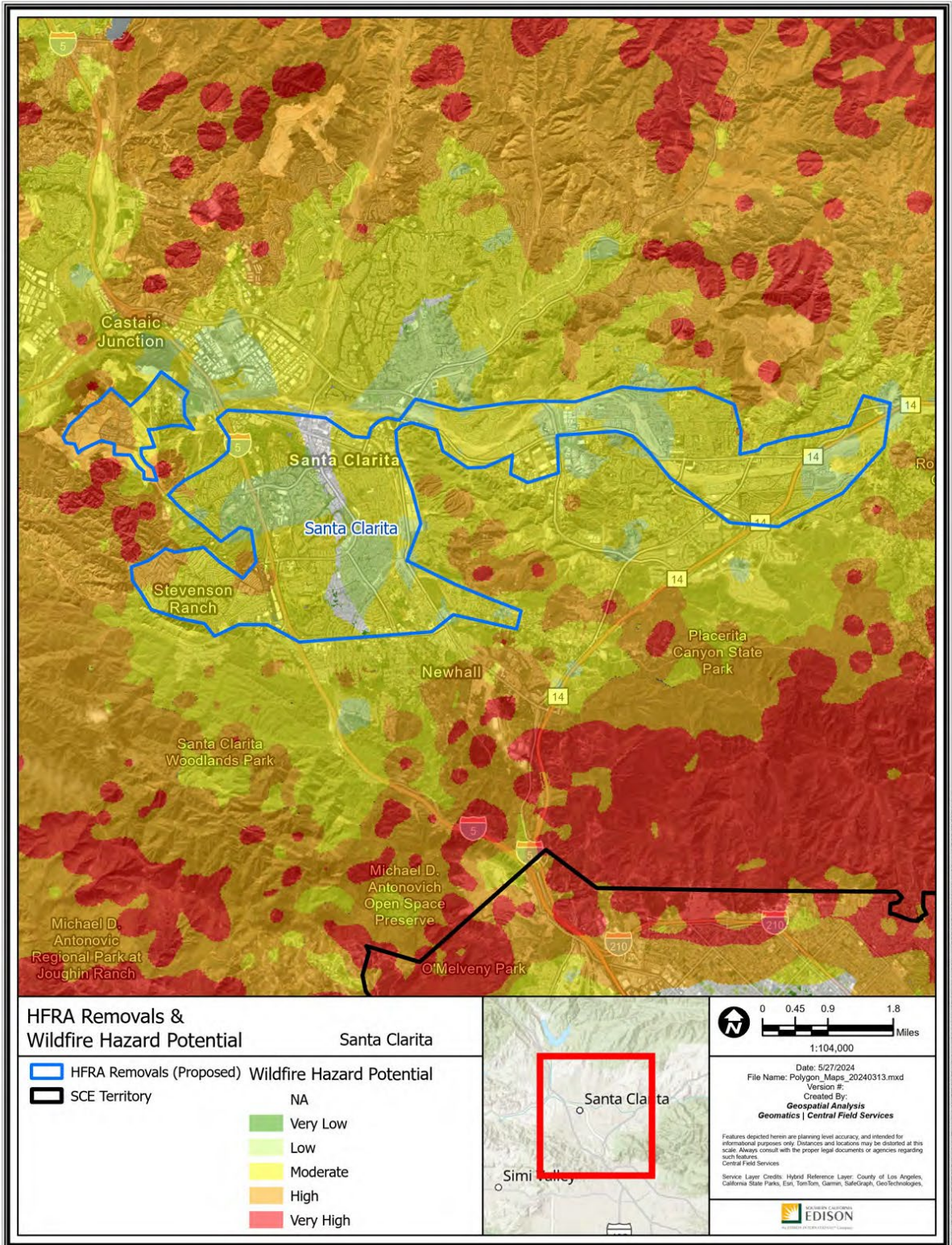
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
35,995	2.51°	3: Moderate	17%

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

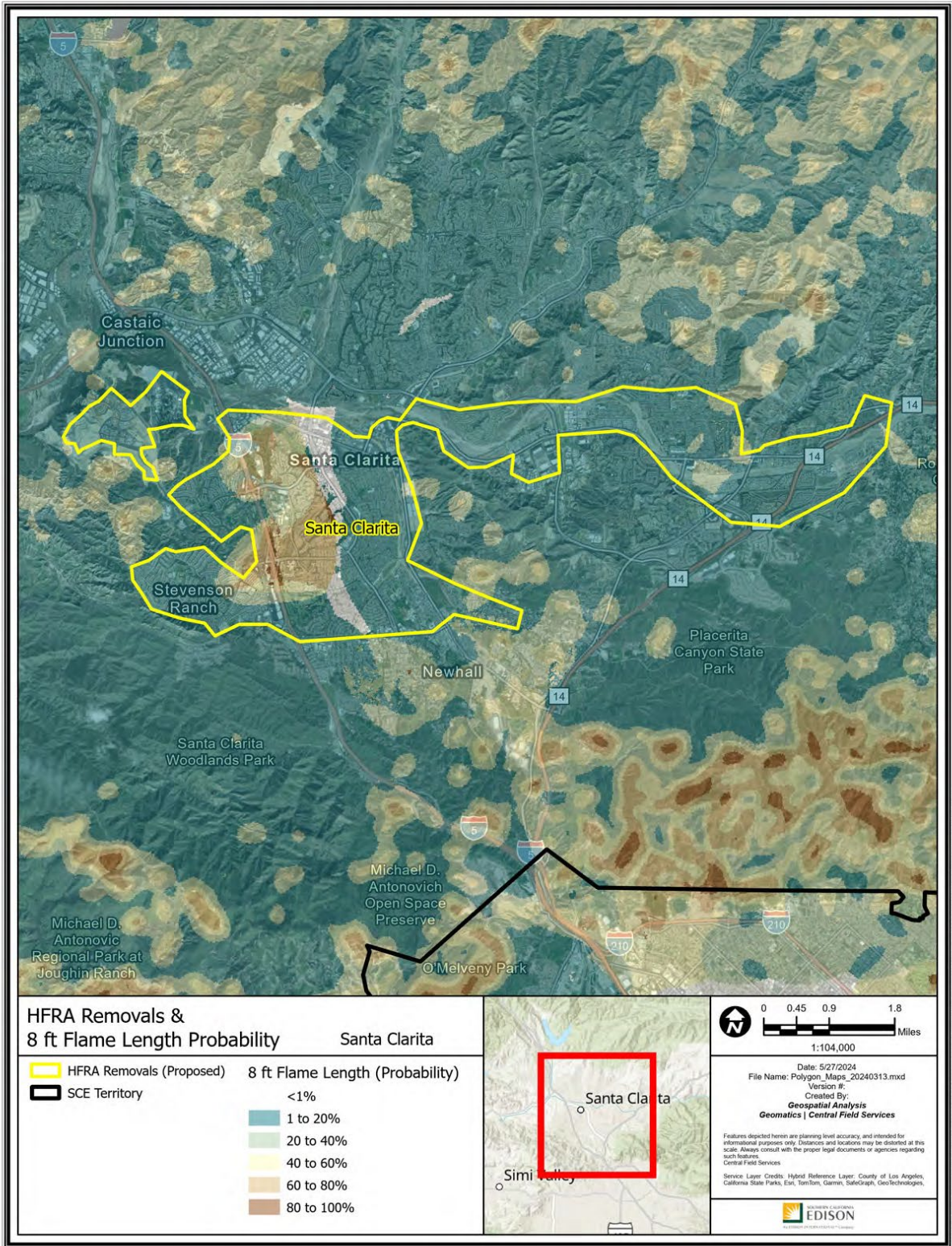
- The polygon overlaps with regions where wildfire consequence modeling indicates High Consequence outputs.
- The polygon overlaps with regions that met burn-in buffer criteria.
- The polygon overlaps with regions that have high wind exposure.

Recommendation:

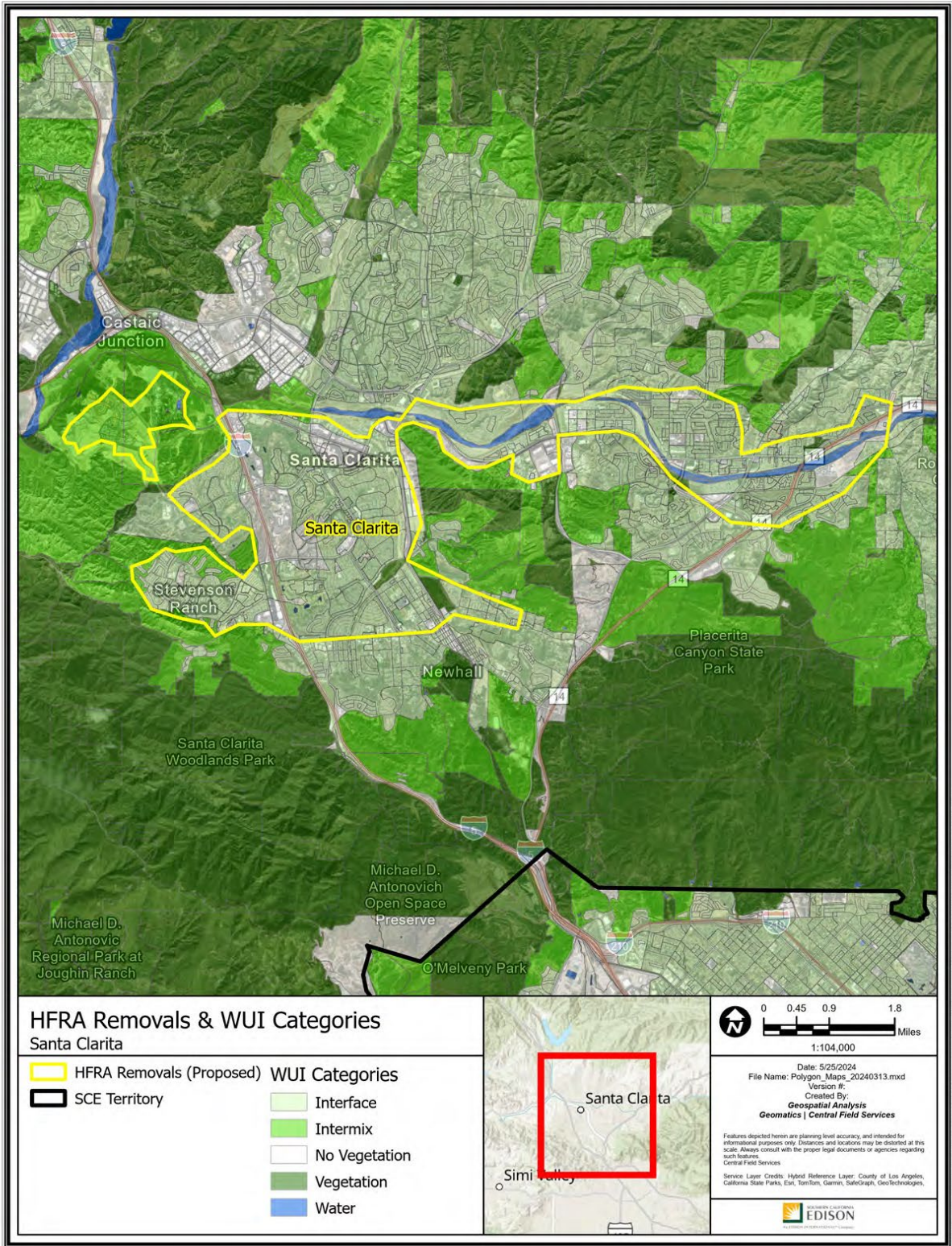
SCE proposes to remove the Santa Clarita polygon from HFTD. While the surrounding areas present elevated wildfire risk, the designation of this polygon as Wildland-Urban Interface is inaccurate, as it aligns with the characteristics of an urban area and does not present the same elevated levels of wildfire risk as the surrounding area. In particular, the vegetation and land use in this polygon match urban characteristics, and the polygon includes well-maintained and irrigated golf courses. Thus, SCE has aligned the boundary of the proposed removal polygon with natural fire breaks and irrigated vegetation.



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



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



HFRA Removals & WUI Categories
Santa Clarita

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



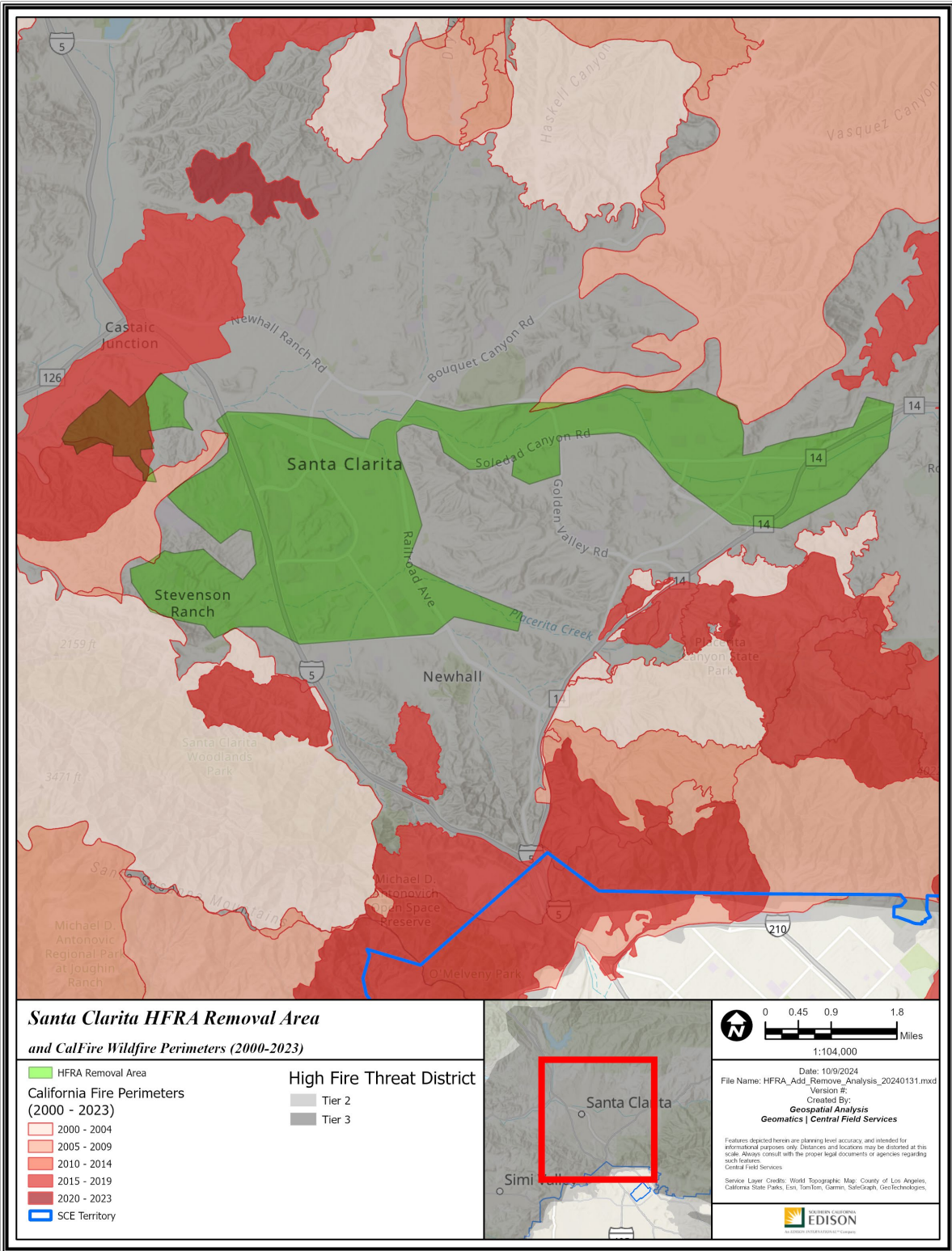
0 0.45 0.9 1.8 Miles
 1:104,000

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

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Service Layer Credits: Hybrid Reference Layer: County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies.

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



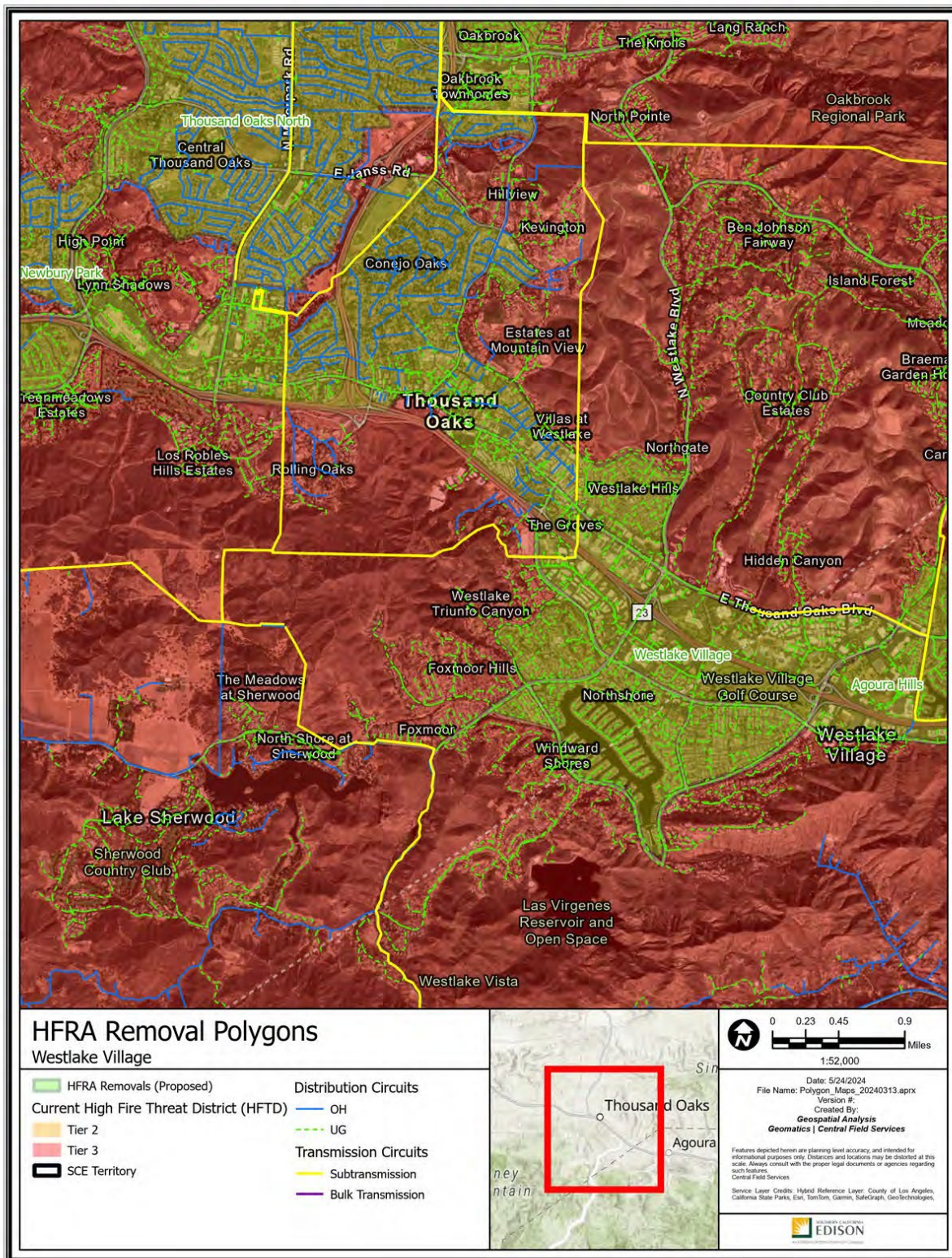
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R6 – Westlake Village

Los Angeles & Ventura County

-118.839612, 34.167142

3,941 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
40.8%	Non Burnable Urban Areas
21.4%	Roads Surrounded by Non Burnable Fuels
8.5%	Urban Core Surrounded by Low Fire Behavior Fuel
5.9%	Moderate Load Dry Climate Grass Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	66.1%	0.0%	30.5%	3.4%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
22.9	109.07	4.9	0	0	136.87

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%)
14,090	1.84°	2: Low	8%

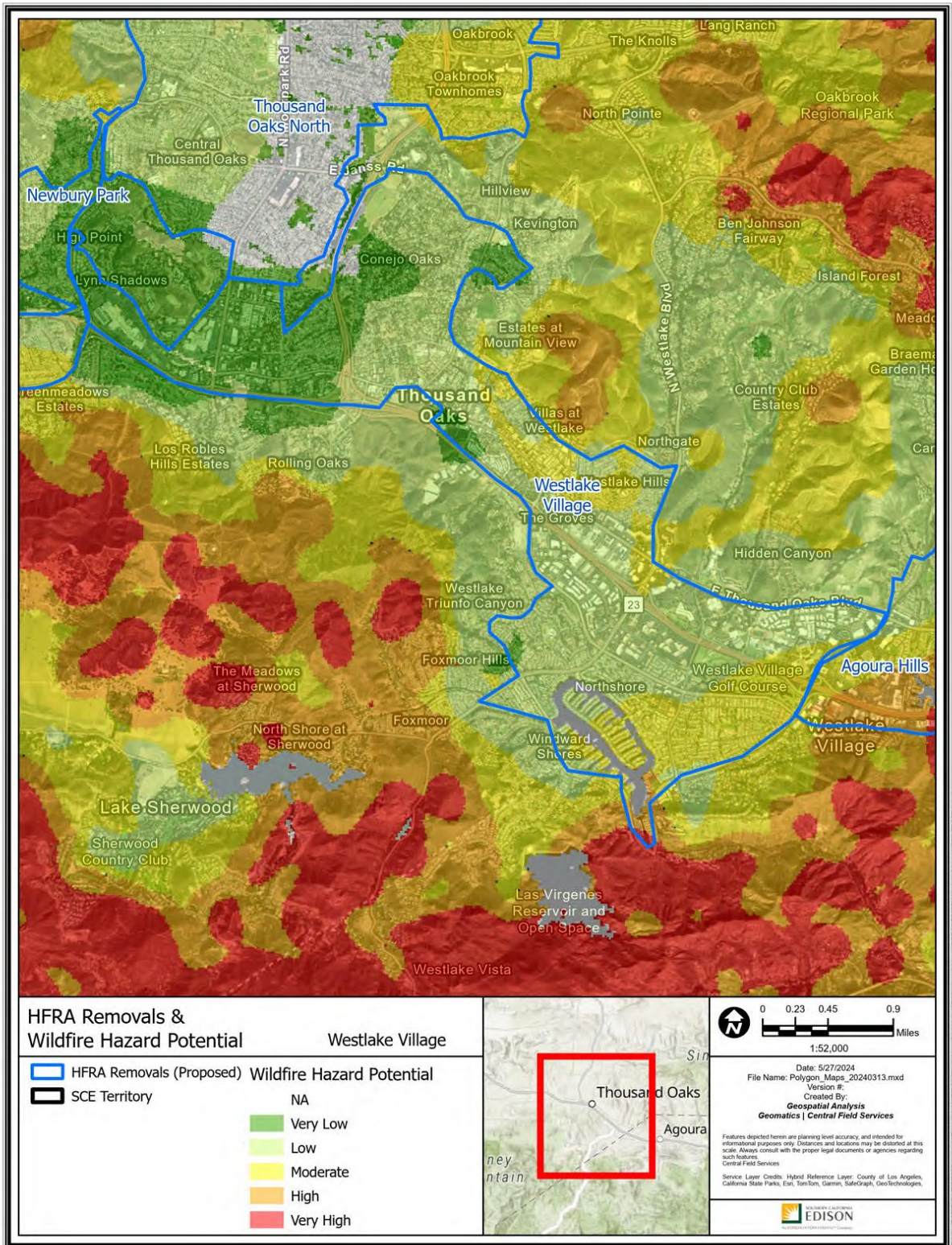
This removal features some areas that met threshold levels of IWMS criteria:

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

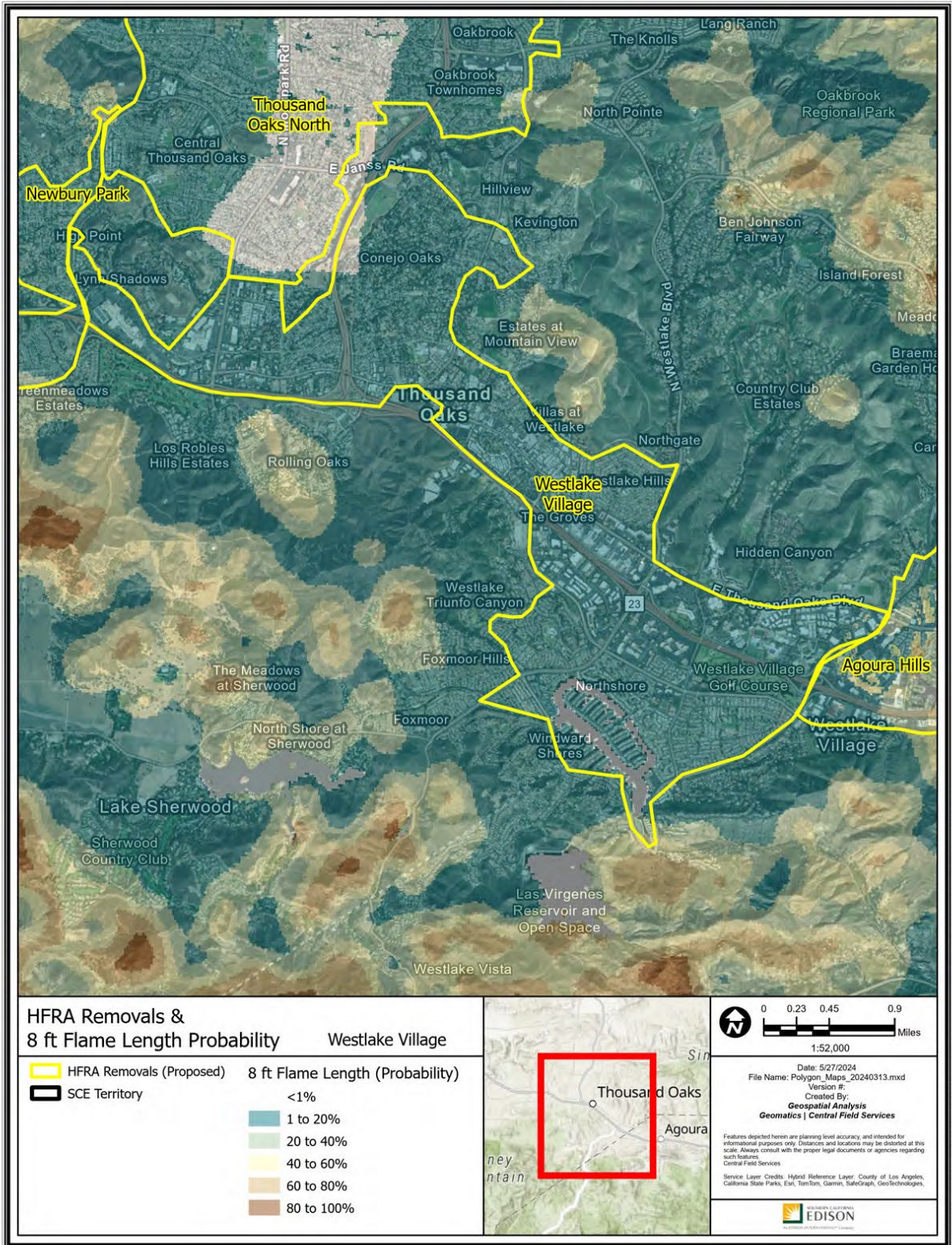
Recommendation:

SCE proposes to remove the Westlake Village polygon from HFTD. While the surrounding areas present elevated wildfire risk, the designation of this polygon as Wildland-Urban Interface is inaccurate because the polygon aligns with the characteristics of an urban area and does not present the same elevated levels of wildfire risk as the surrounding area. In particular:

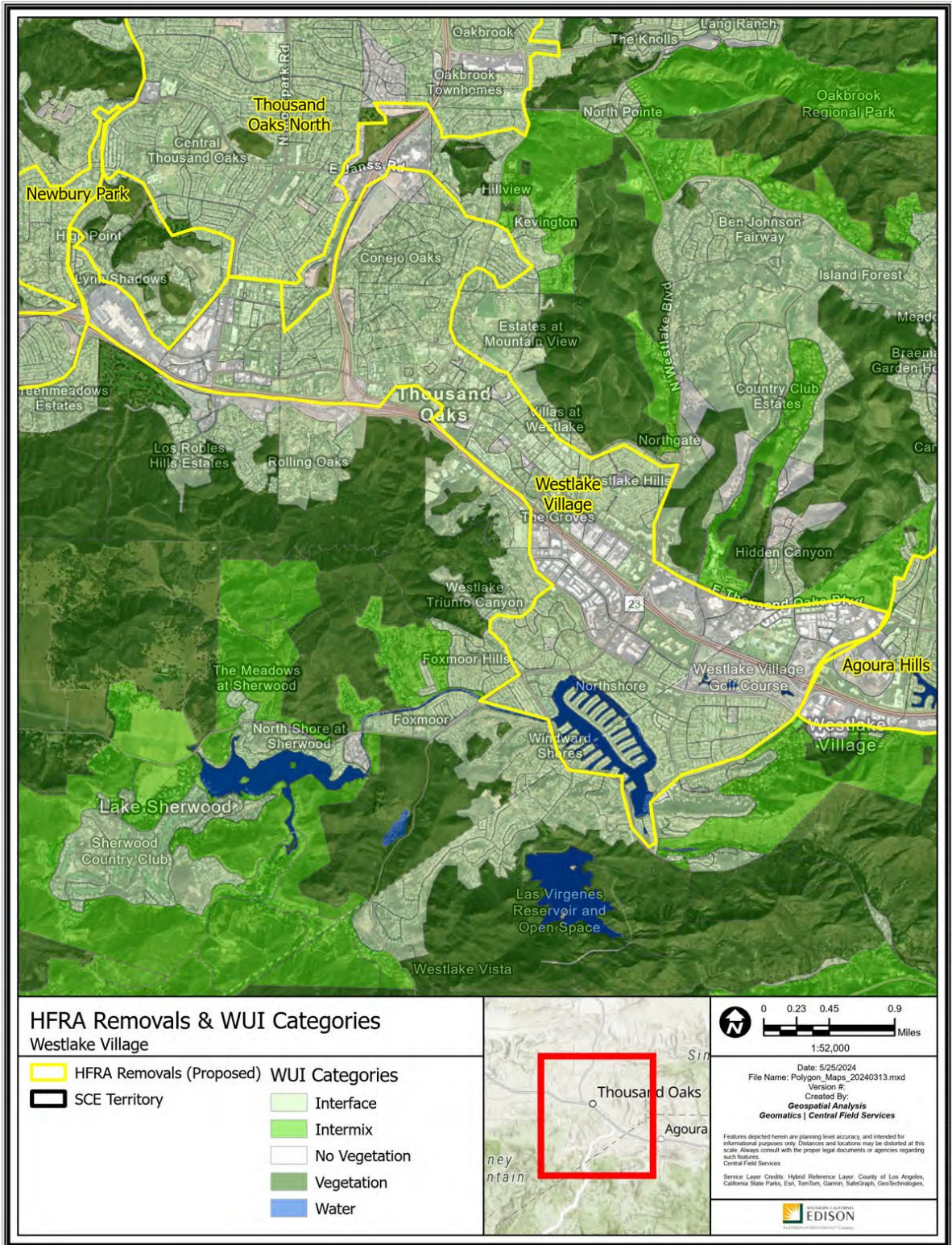
1. The polygon consists of approximately 62% non-burnable fuels including a boating area.
2. The land use and vegetation in this polygon match urban characteristics.
3. The polygon includes a well maintained and irrigated golf course, water recreation lakes, urban neighborhoods, and commercial developments.



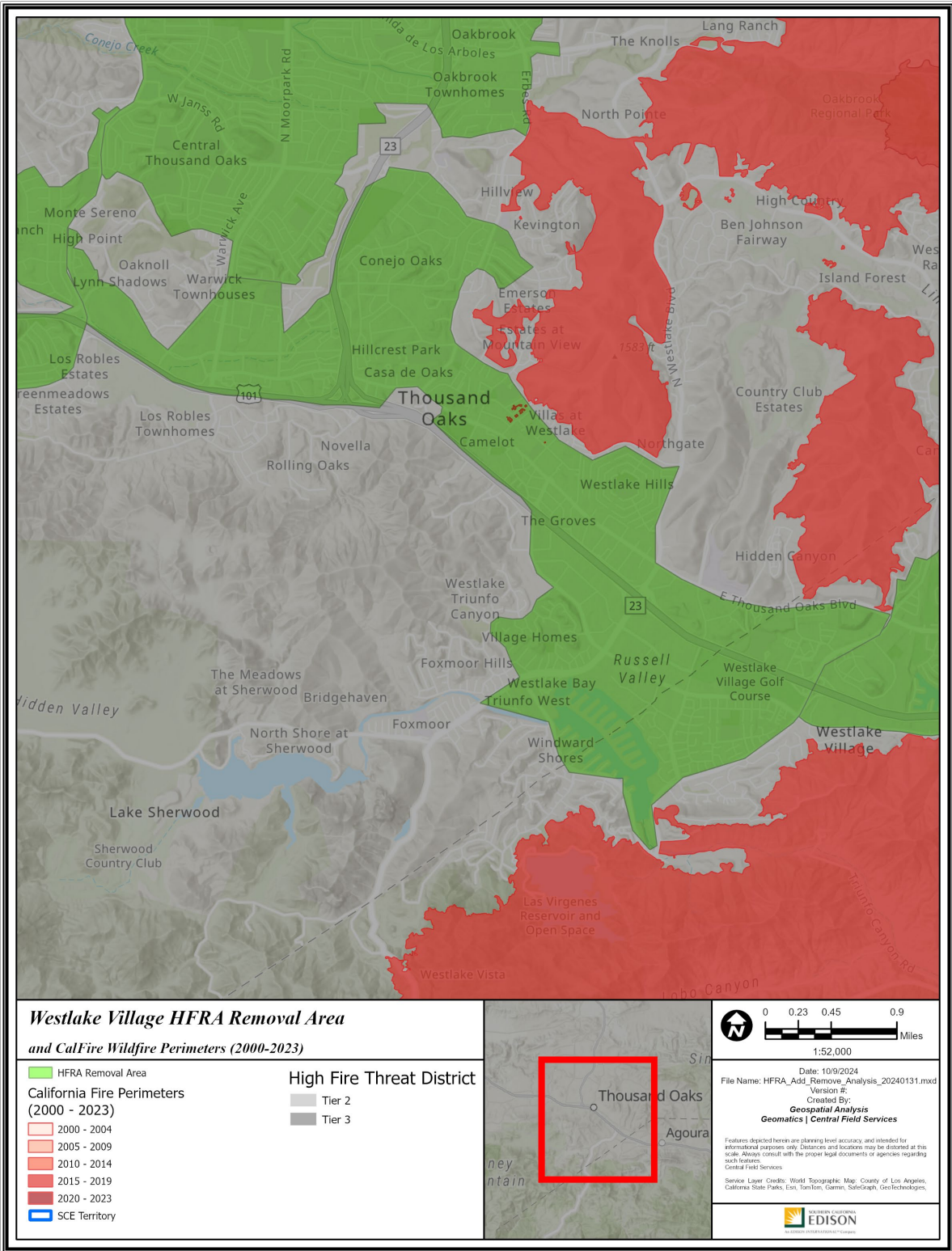
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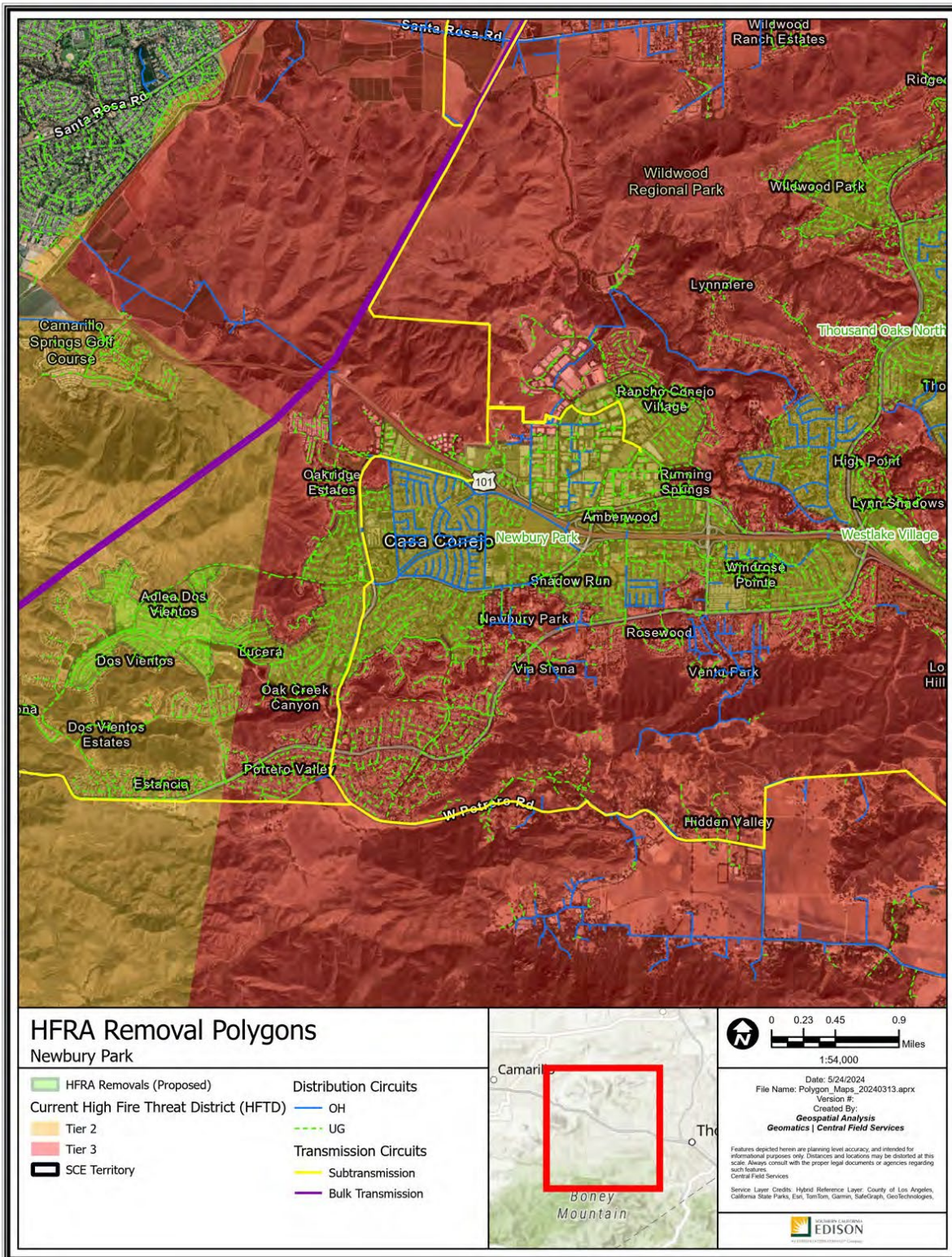
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R7 – Newbury Park

Ventura County

-118.932464, 34.184056

3,390 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
45.4%	Non Burnable Urban Areas
24.4%	Roads Surrounded by Non Burnable Fuels
7.4%	Urban Core Surrounded by Low Fire Behavior Fuel
5.6%	Minor Roads Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
2.4%	78.2%	0.2%	19.1%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
24.12	90.46	2.1	0.96	0	117.64

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%)
10,865	1.92°	2: Low	15%

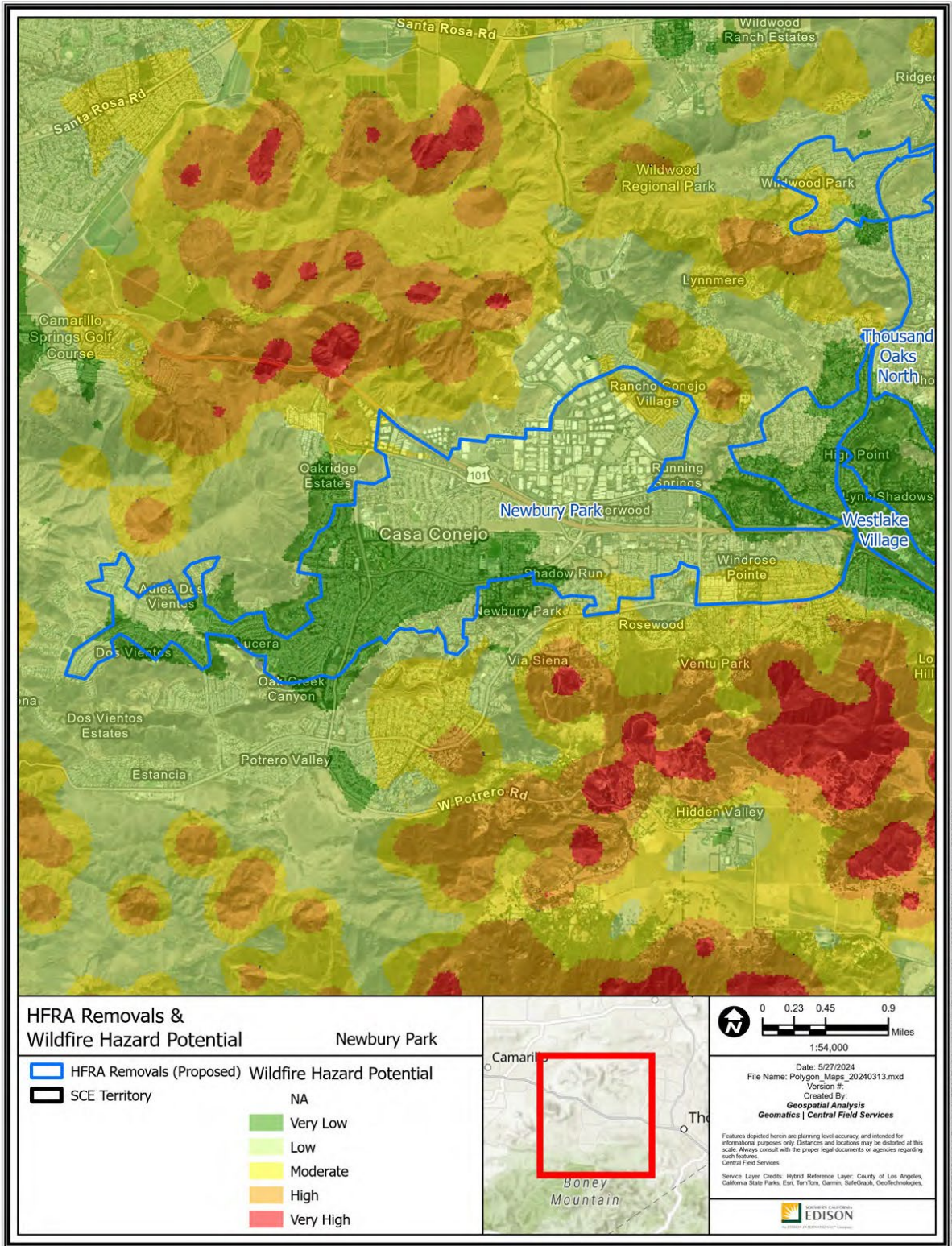
This removal features some areas that met threshold levels of IWMS criteria:

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

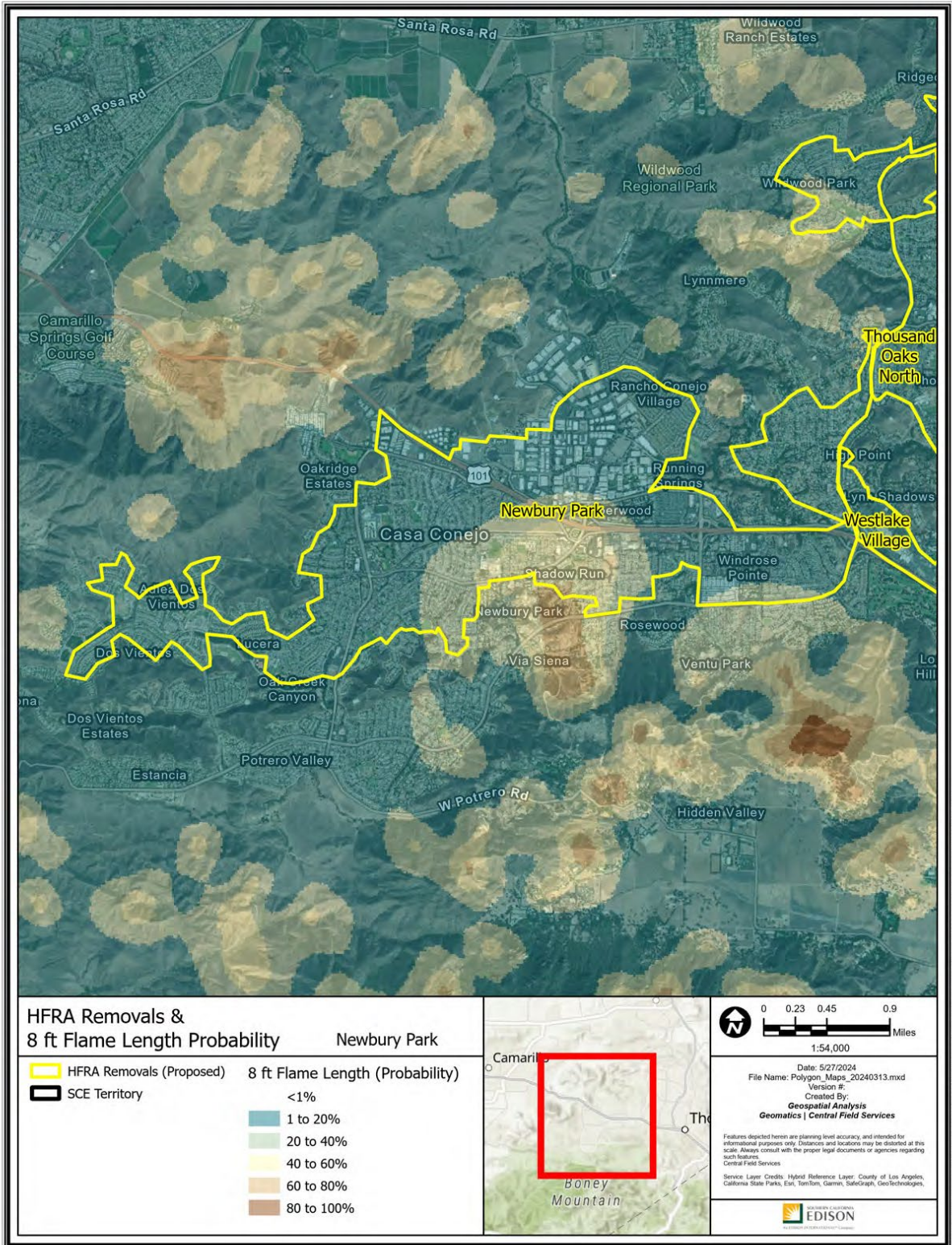
Recommendation:

SCE proposes to remove the Newbury Park polygon from HFTD. Although it is within larger HFTD Tier 2 and Tier 3 areas characterized by mountainous terrain and fuels, the polygon is highly urbanized and does not present the same elevated levels of wildfire risk as the surrounding area. In particular:

1. The land use and vegetation in this polygon match urban characteristics.
2. The polygon consists of 70% non-burnable fuels.
3. The polygon contains non-complex terrain with low Wildfire Hazard Potential. The non-complex terrain in this polygon may better accommodate fire suppression and slow the spread of a fire relative to adjacent complex terrain.

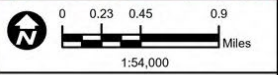
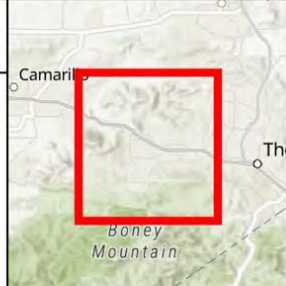


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HFRA Removals & 8 ft Flame Length Probability **Newbury Park**

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%

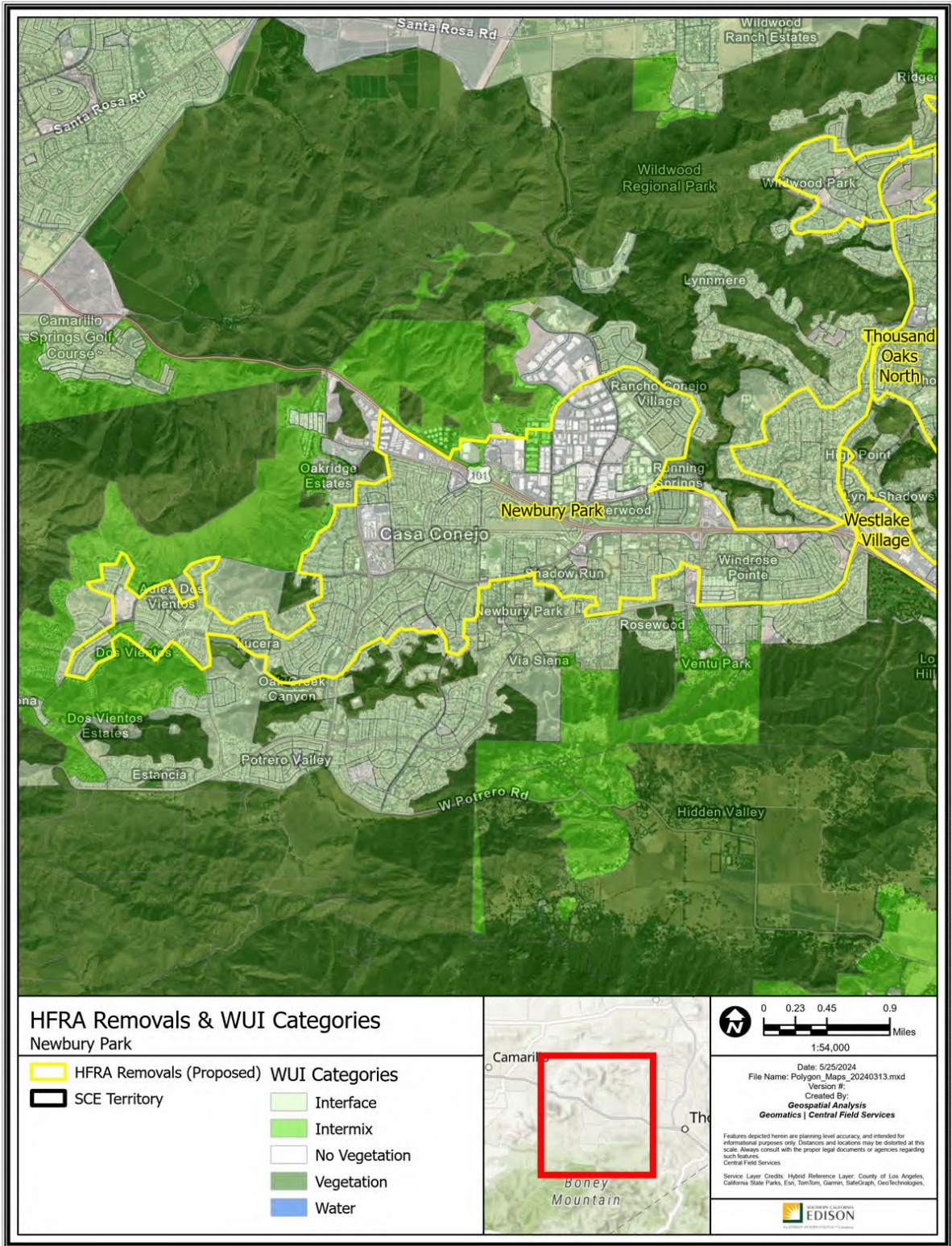


Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

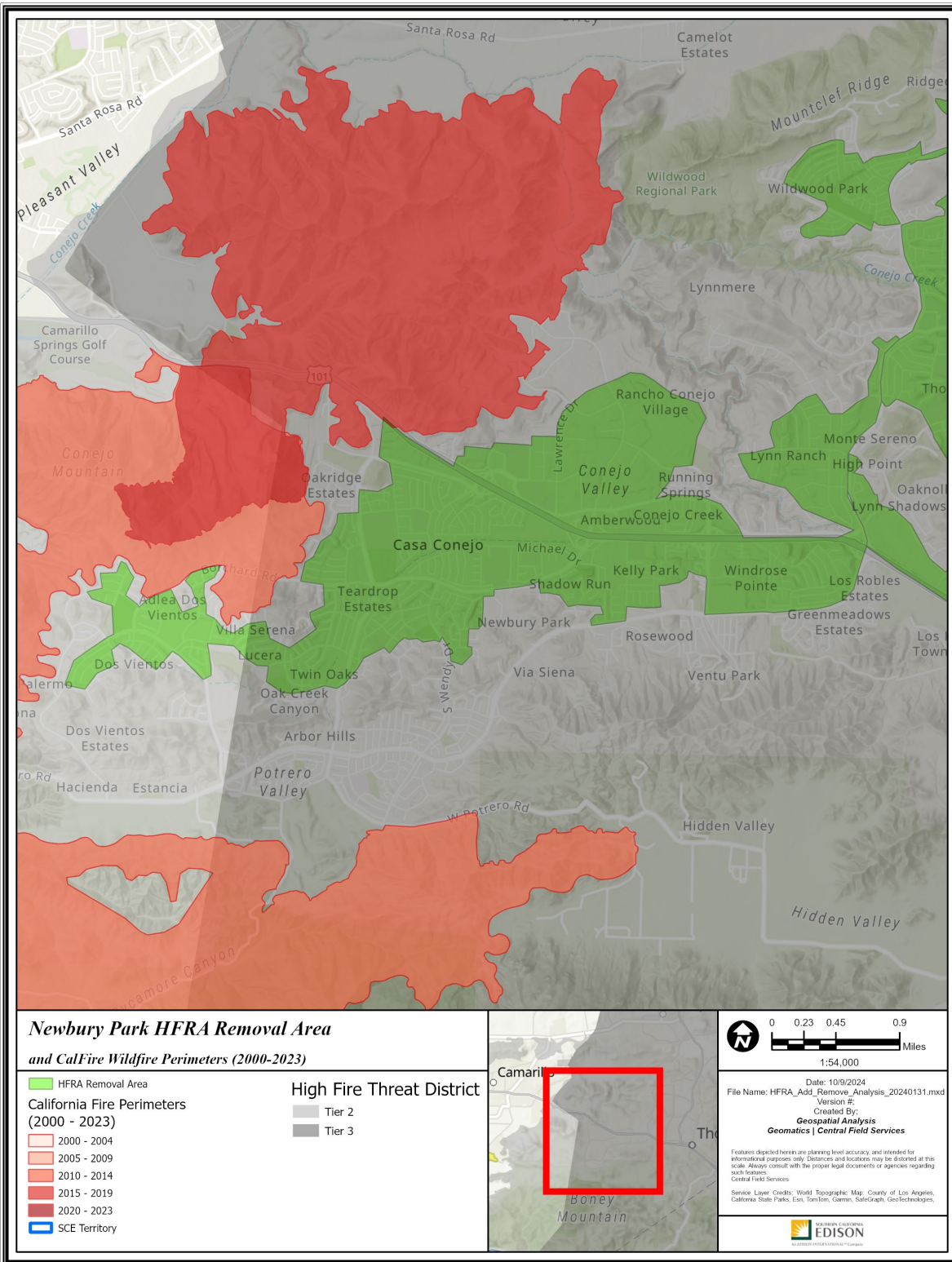
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Service Layer Credits: Hybrid Reference Layer: County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Central Field Services

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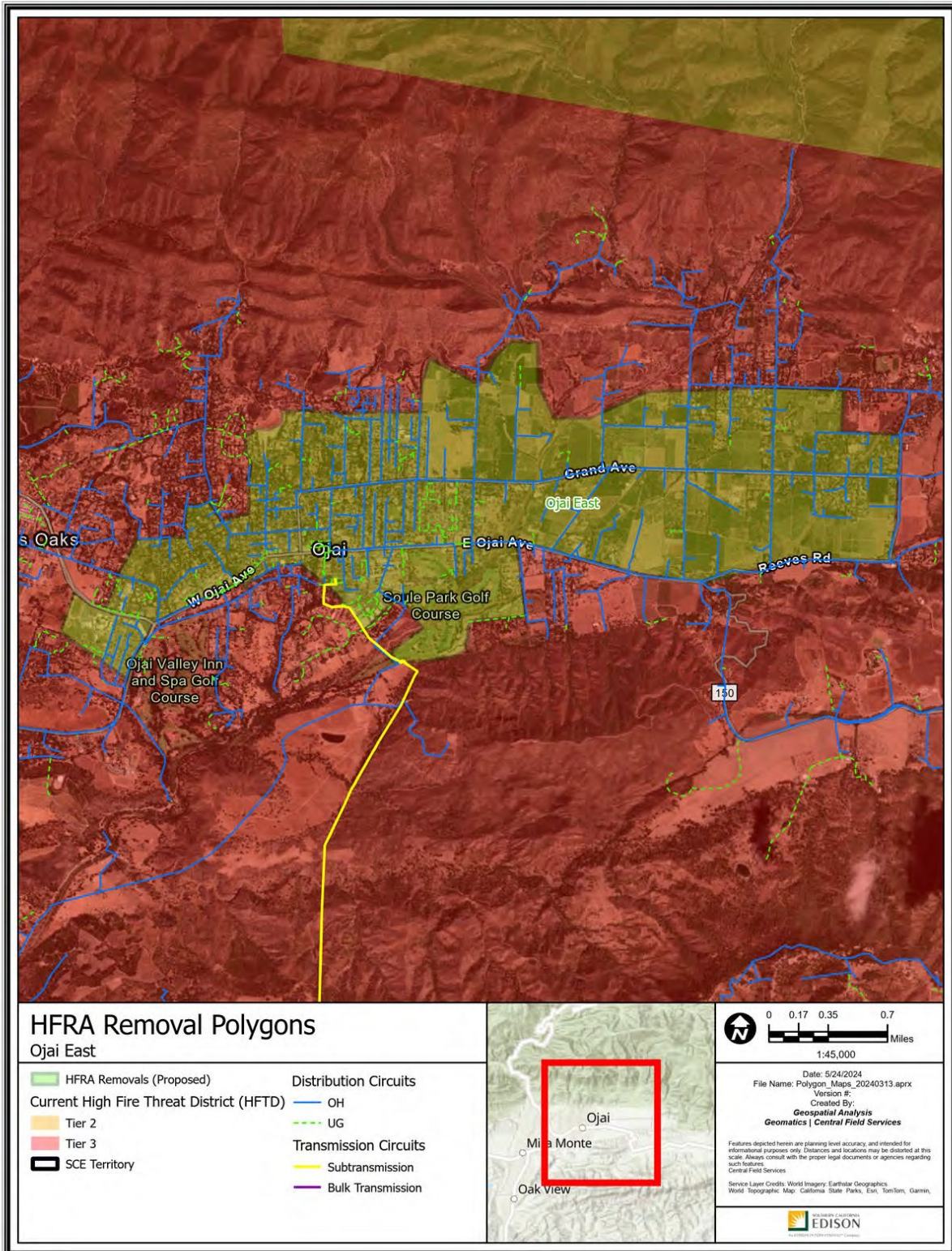
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R8 – Ojai East

Ventura County

-119.223712, 34.452543

3,026 Acres



Path: P:\PROJECTS\GIS\arcgis\Projects\HFRA_Forecast_Analysis\Polygon_Maps_20240313.aprx

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
38.8%	Agricultural Fields Maintained in a Non Burnable Condition
20.0%	Moderate Load Dry Climate Grass Shrub
6.8%	Minor Roads Surrounded by Low Fire Behavior Fuel
5.3%	Timber Litter

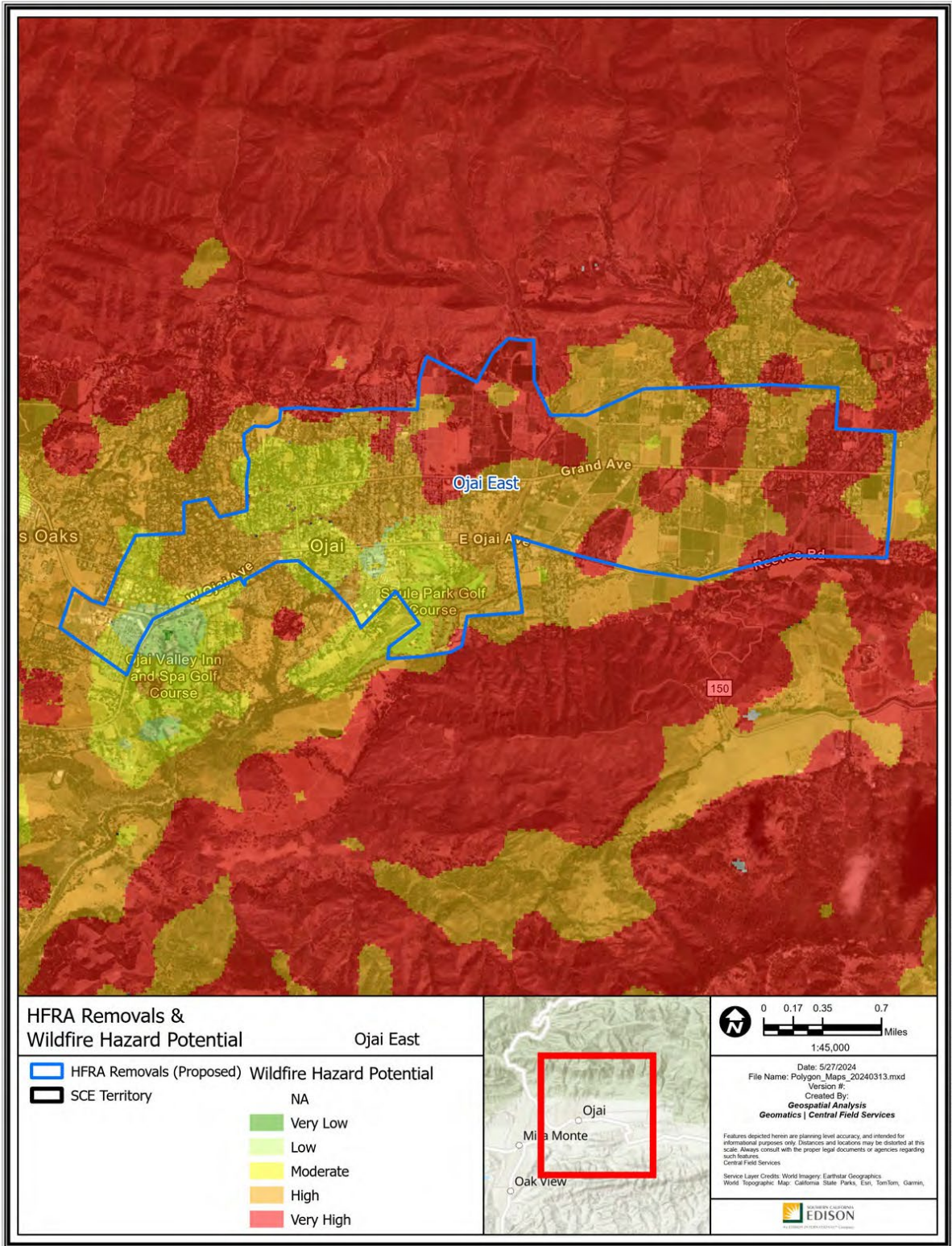
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
18.0%	78.5%	0.8%	2.6%	0.1%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
35.52	8.77	0.73	0	0	45.02

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%)
3,717	1.98°	4: High	19%

Recommendation:

SCE proposes to remove the Ojai East polygon from HFTD. Although it is within a larger HFTD Tier 3 area characterized by mountainous terrain and fuels, the polygon is highly urbanized and does not present the same elevated levels of wildfire risk as the surrounding area. It features non-complex terrain of agricultural fields and urban communities. The non-complex terrain in this polygon may better accommodate fire suppression and slow the spread of a fire relative to adjacent complex terrain.



HFRA Removals & Wildfire Hazard Potential Ojai East

<ul style="list-style-type: none"> HFRA Removals (Proposed) SCE Territory 	<p>Wildfire Hazard Potential</p> <ul style="list-style-type: none"> NA Very Low Low Moderate High Very High
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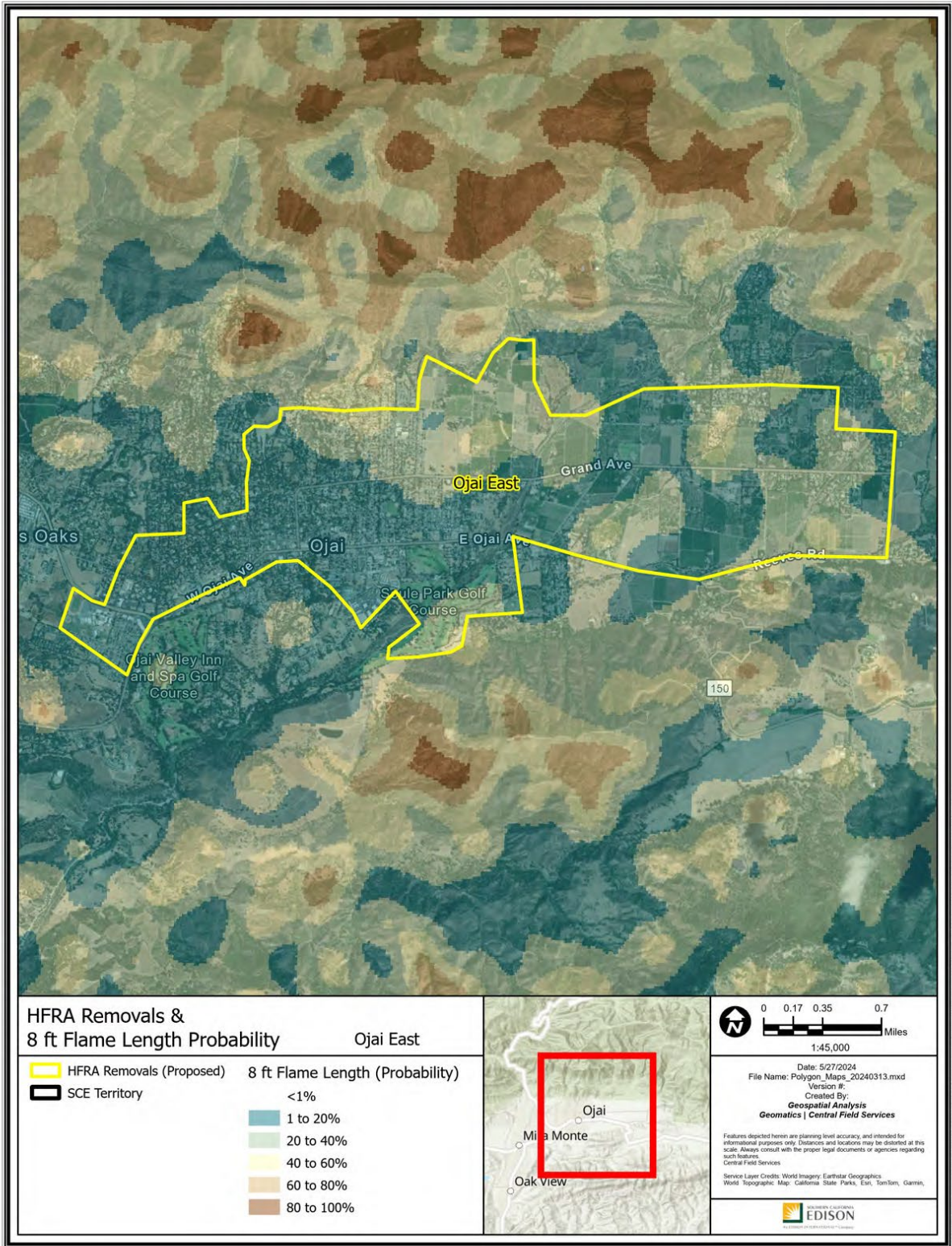


Date: 5/27/2024
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 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

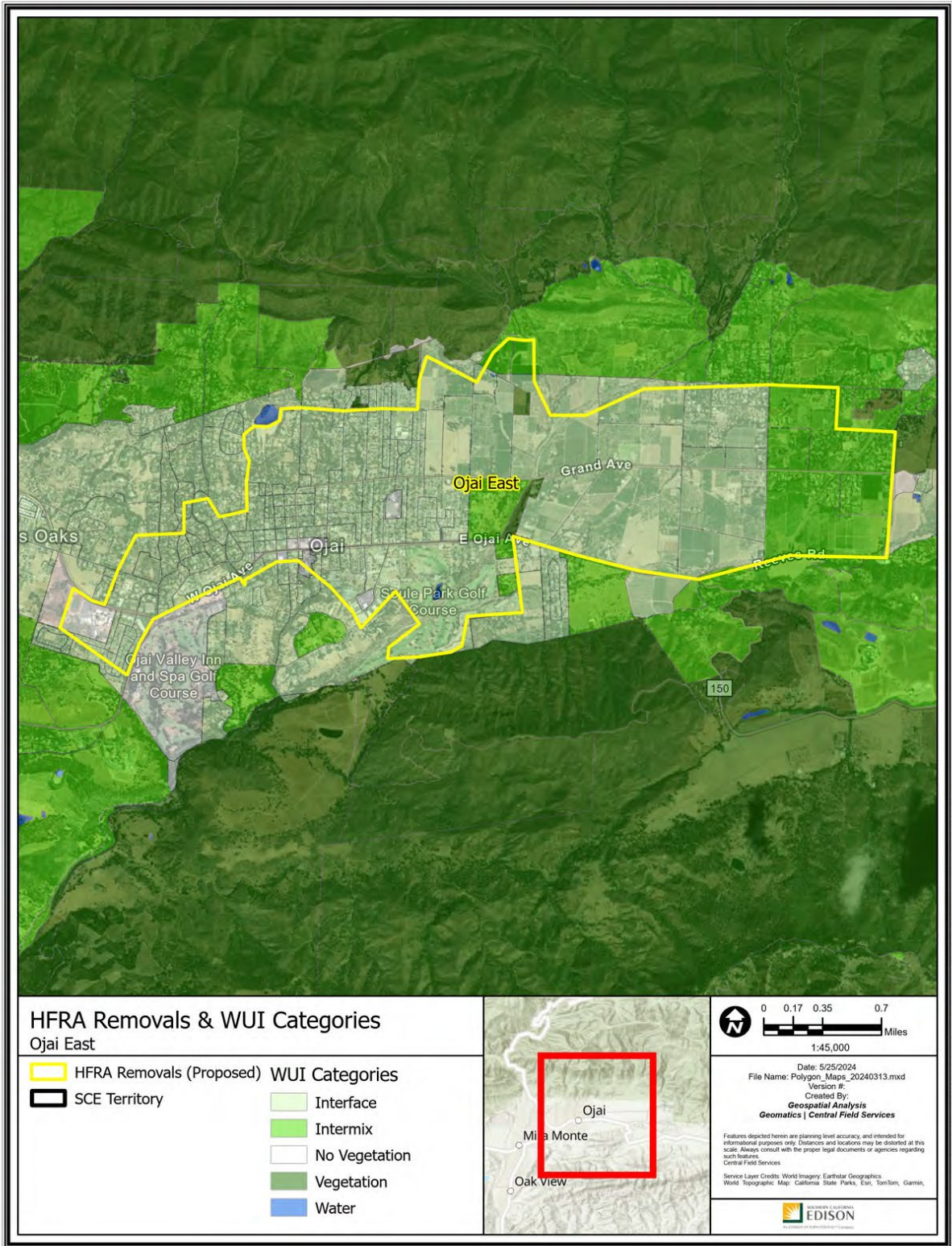
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Service Layer Credits: World Imagery: Earthstar Geographics
 World Topographic Map: California State Parks, Esri, TomTom, Garmin,

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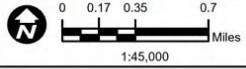


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HFRA Removals & WUI Categories
Ojai East

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



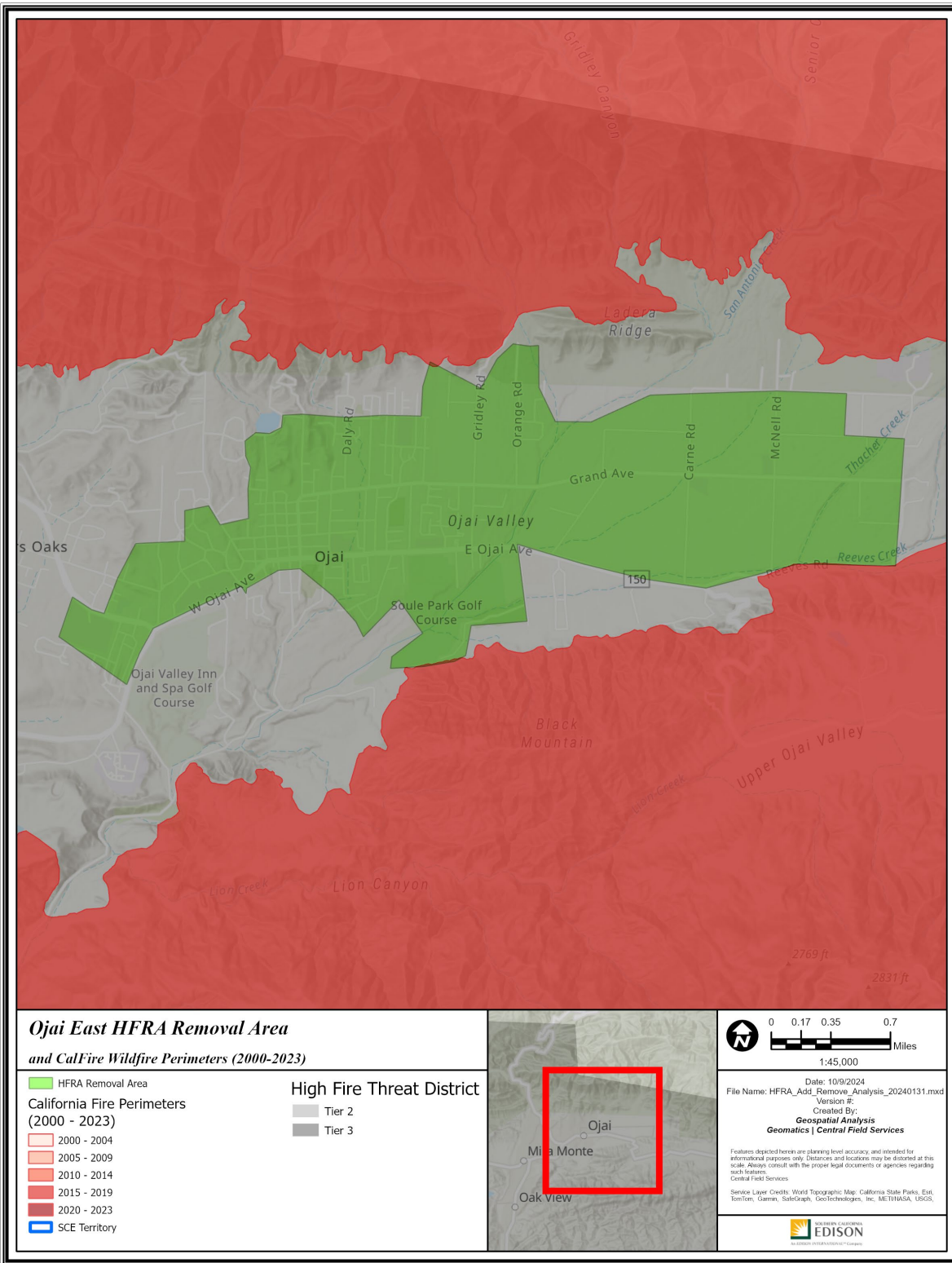
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Geomatics | Central Field Services

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, World Topographic Map: California State Parks, Esri, TomTom, Garmin.



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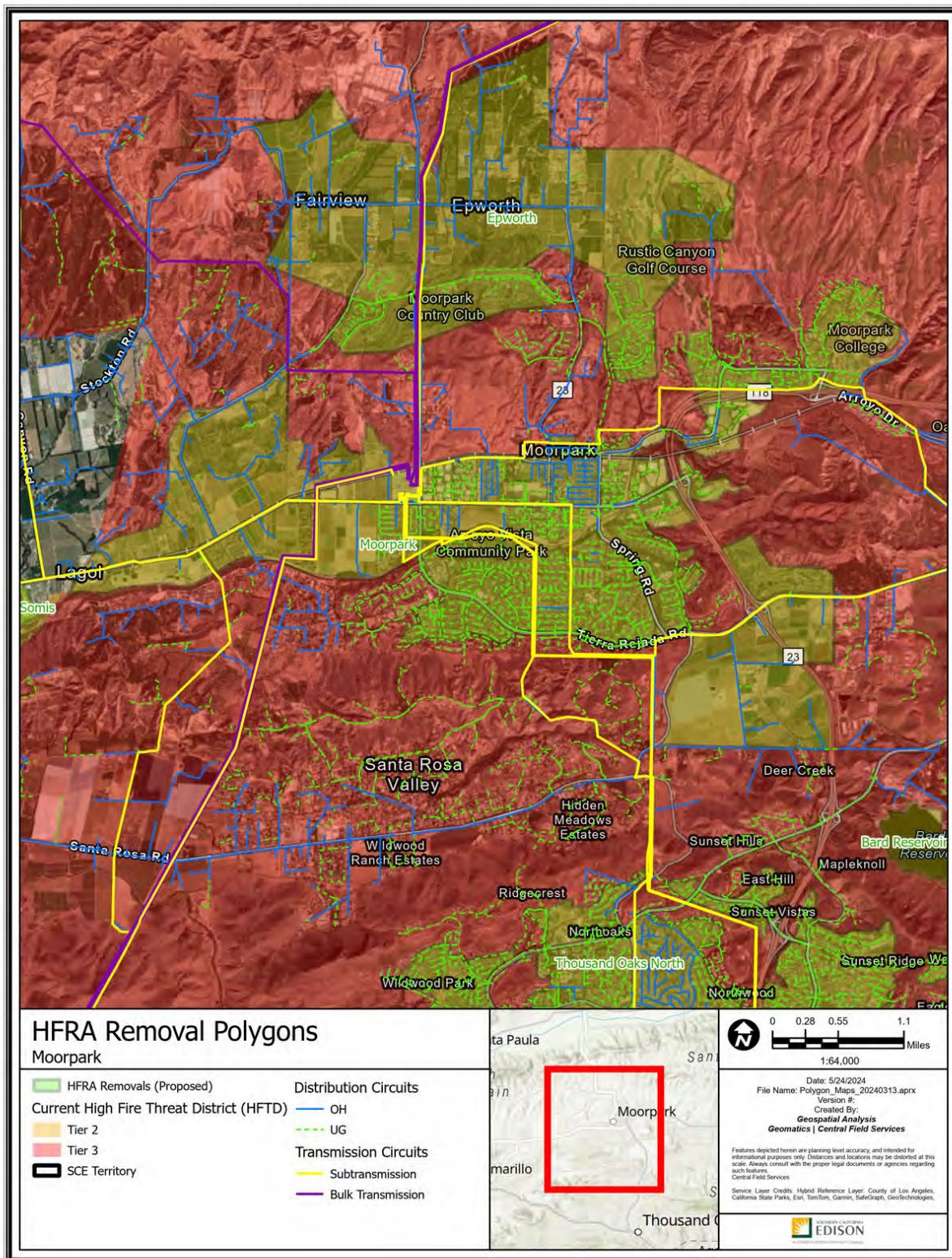
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R9 – Moorpark

Ventura County

-118.884783, 34.275347

5,857 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
23.7%	Moderate Load Dry Climate Grass Shrub
21.2%	Non Burnable Urban Areas
16.0%	Low Load Dry Climate Grass
10.7%	Roads Surrounded by Non Burnable Fuels

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
4.1%	35.2%	13.5%	46.2%	1.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
31.74	83.09	32.92	0	7.96	155.71

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%)
9,304	2.2°	3: Moderate	10%

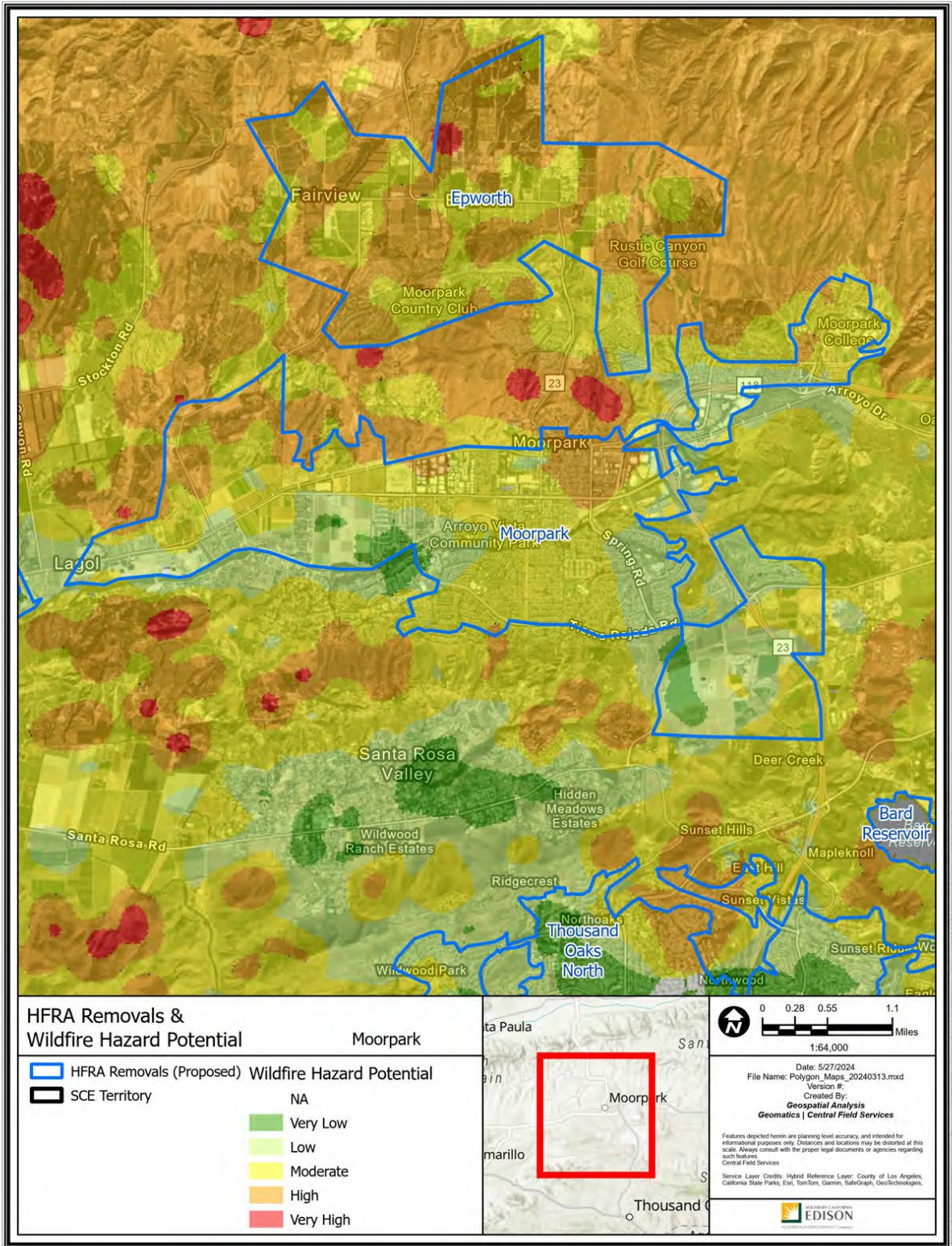
This removal features some areas that met threshold levels of IWMS criteria:

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

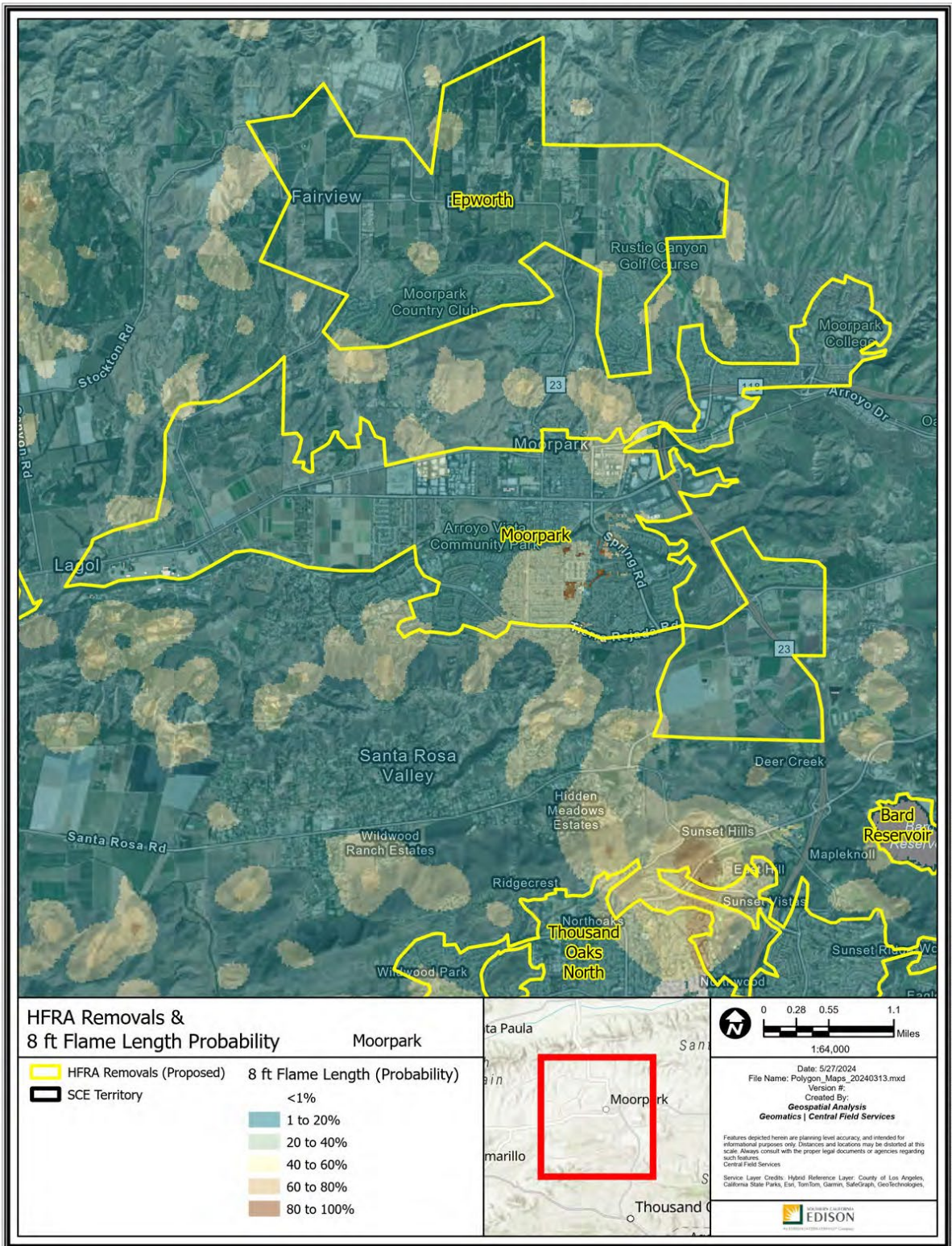
Recommendation:

SCE proposes to remove the Moorpark polygon from HFTD. The proposed removals are irrigated agriculture and developed urban areas bordering Tier 3 HFTD and do not present the same elevated levels of wildfire risk as the surrounding area. In particular:

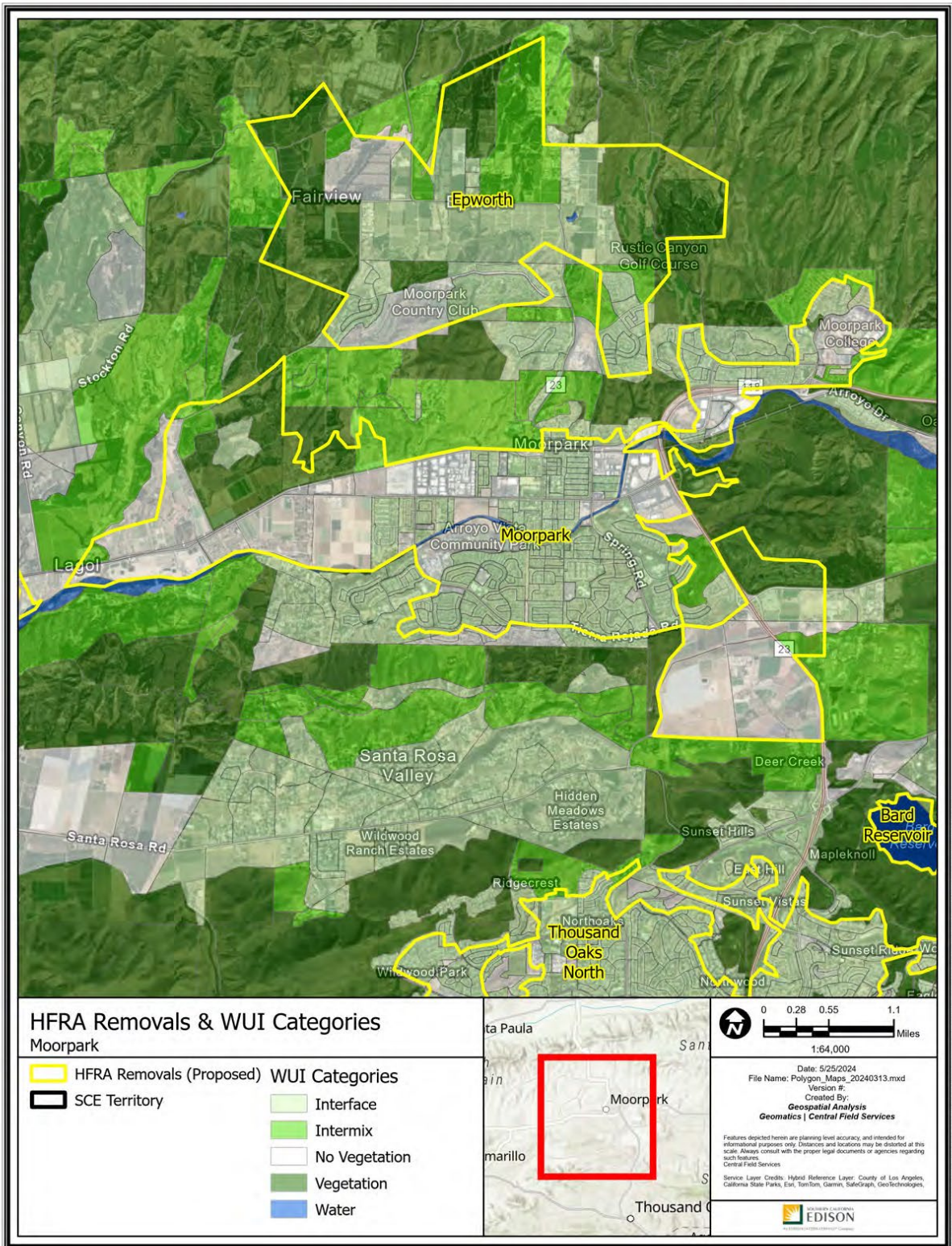
1. The vegetation and land use in this polygon match urban characteristics.
2. Well-maintained and irrigated vegetation in farm plots and urban developments would be unlikely to develop burnable loads even if left fallow.
3. The boundary of the polygon has been drawn to align with irrigated vegetation, the edge of developed plots, and local roadways as firebreaks.



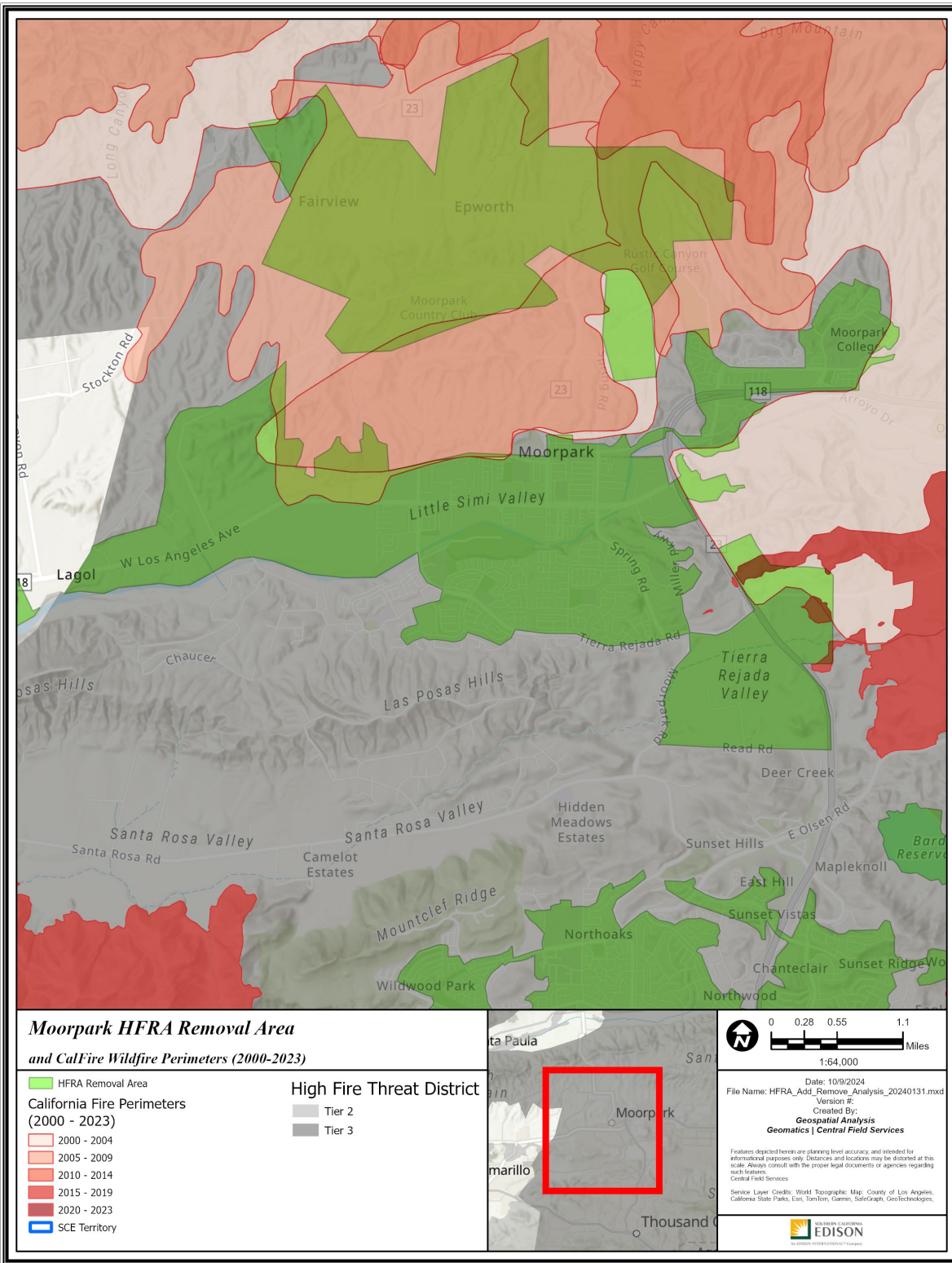
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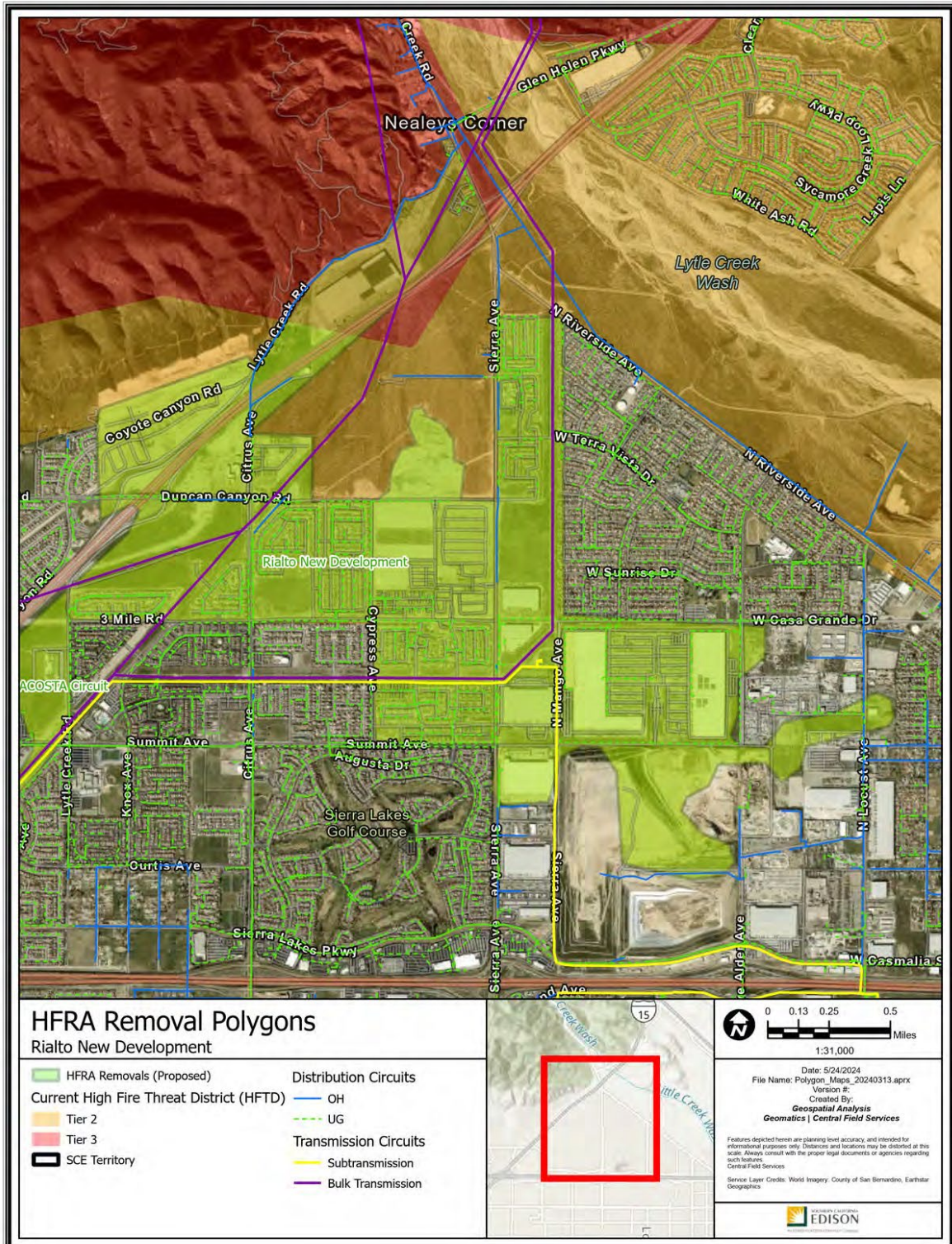
Urban Developments

R10 – Rialto New Development

San Bernardino County

-117.44064, 34.161346

1,957 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
38.1%	Moderate Load Dry Climate Grass Shrub
12.2%	Non Burnable Urban Areas
11.7%	Low Load Dry Climate Grass Shrub
11.4%	Low Load Dry Climate Shrub

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
59.3%	4.4%	14.3%	22.1%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
3.33	28.6	1.3	0	5.15	38.38

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%)
1,581	2.1°	5: Very High	23%

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

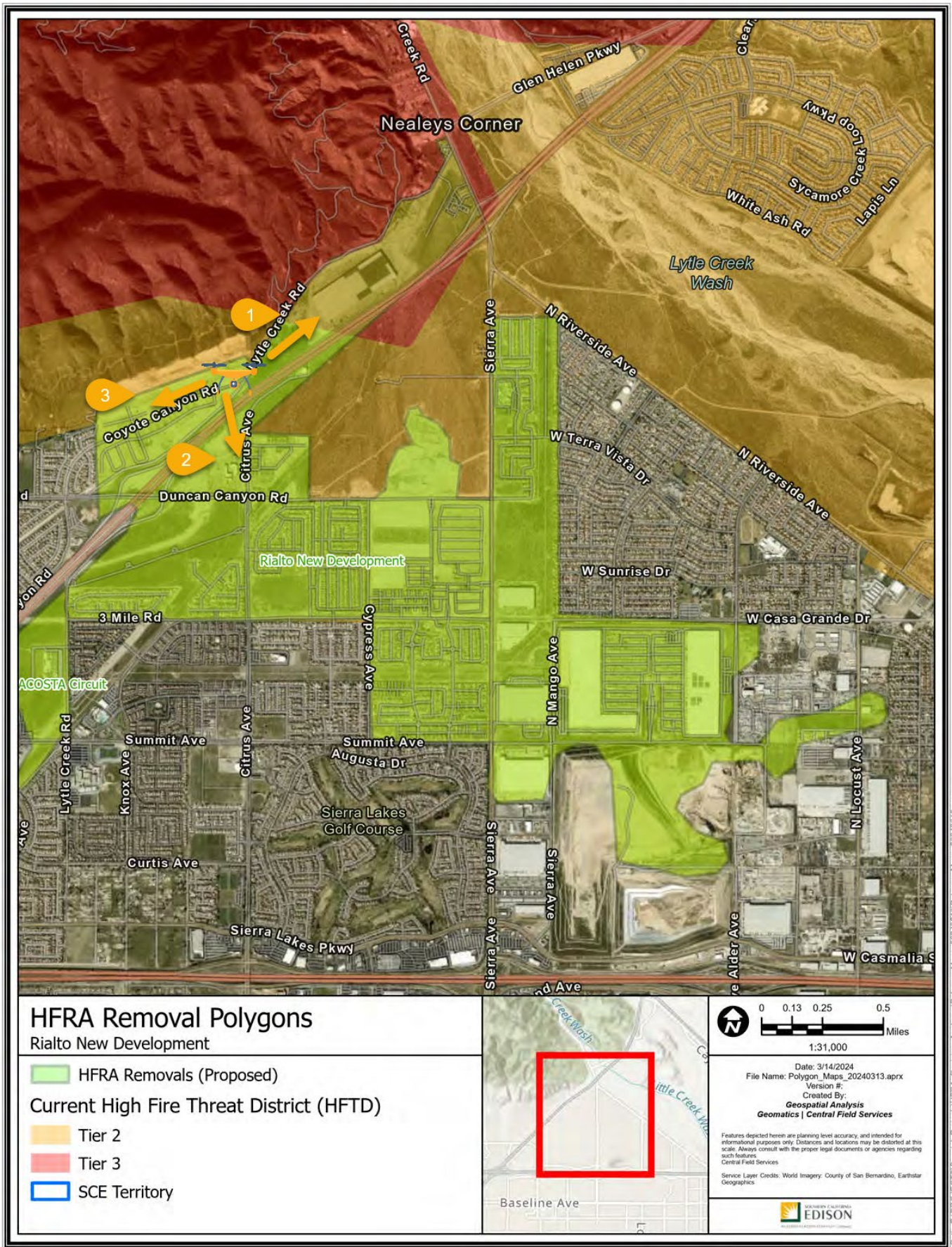
- The polygon overlaps with regions that have a high ratio of population to roadways.
- The polygon overlaps with regions that met burn-in buffer criteria.
- The polygon overlaps with regions that have high wind exposure.

Recommendation:

SCE proposes to remove the Rialto New Development polygon from HFTD. While the northern edge of this polygon is adjacent to Tier 2 HFTD, it is within an urbanized area that continues to be developed and shares similar characteristics of an urbanized area with minimal burnable fuels. Supplemental photos below show the most recent land use in the polygon with ongoing development.



Figure 1 - Rialto New Development - Google Street View 3/2023



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



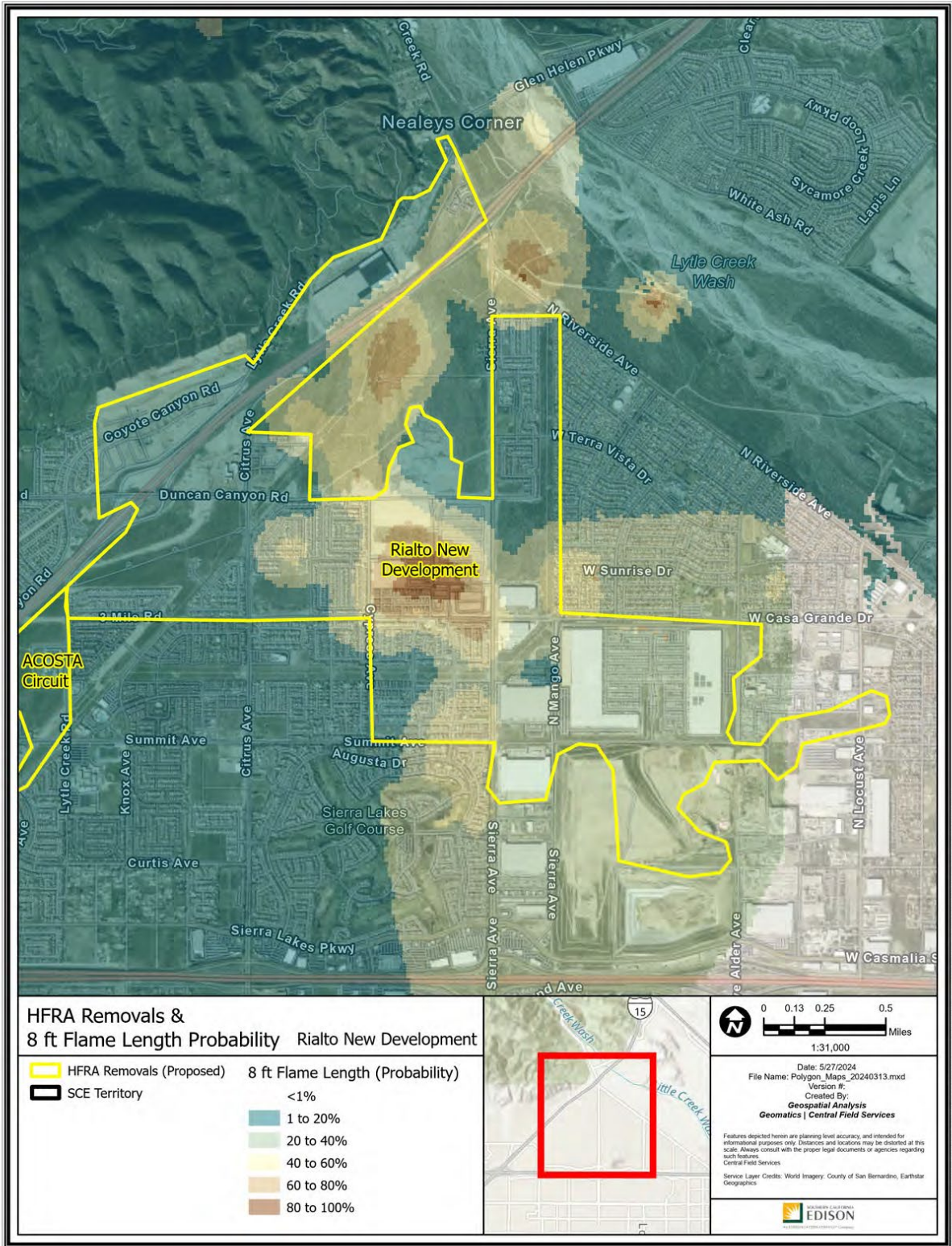
Figure 2 - Rialto 1 NE via Drone 11/2024



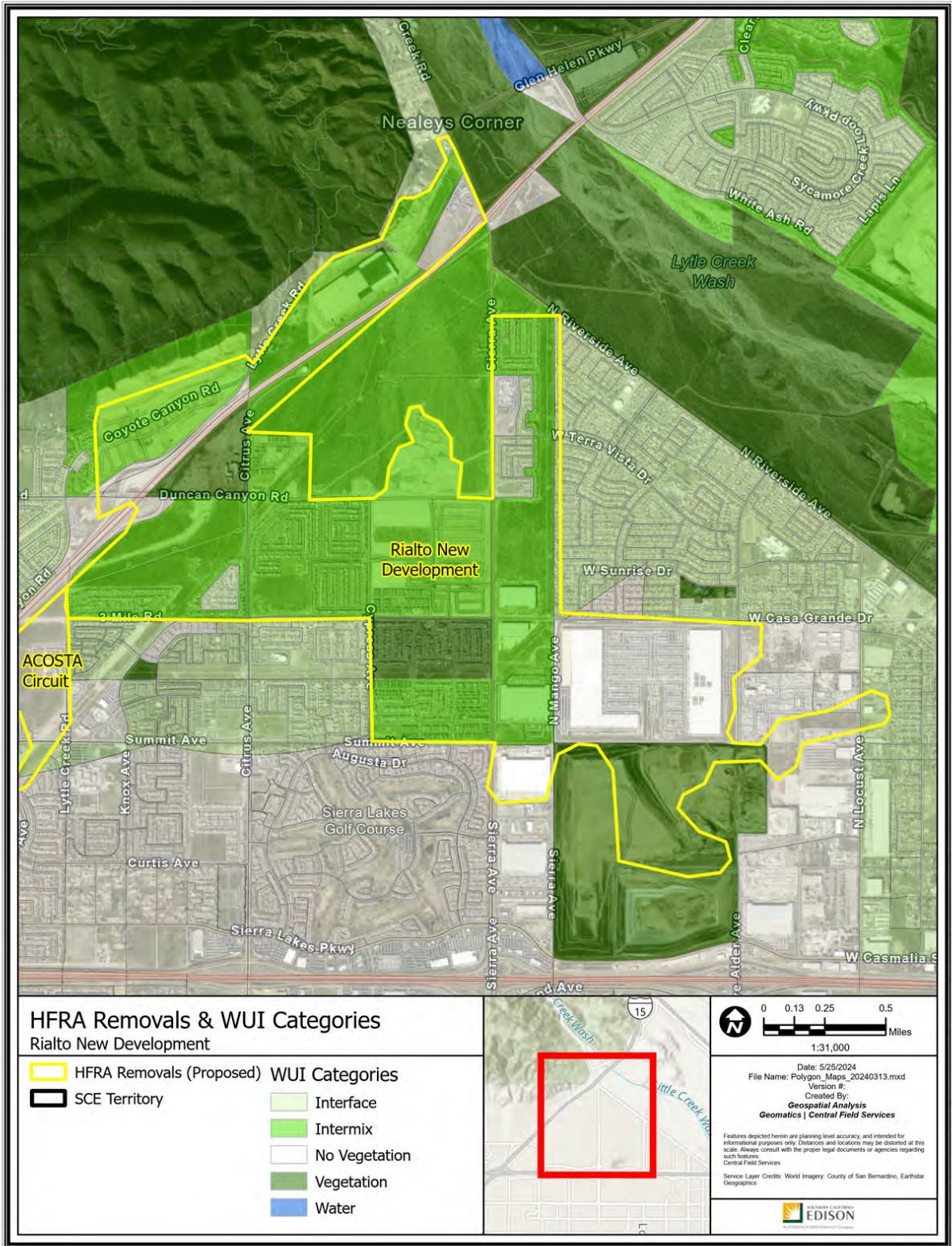
Figure 3 - Rialto 2 South via Drone 11/2024



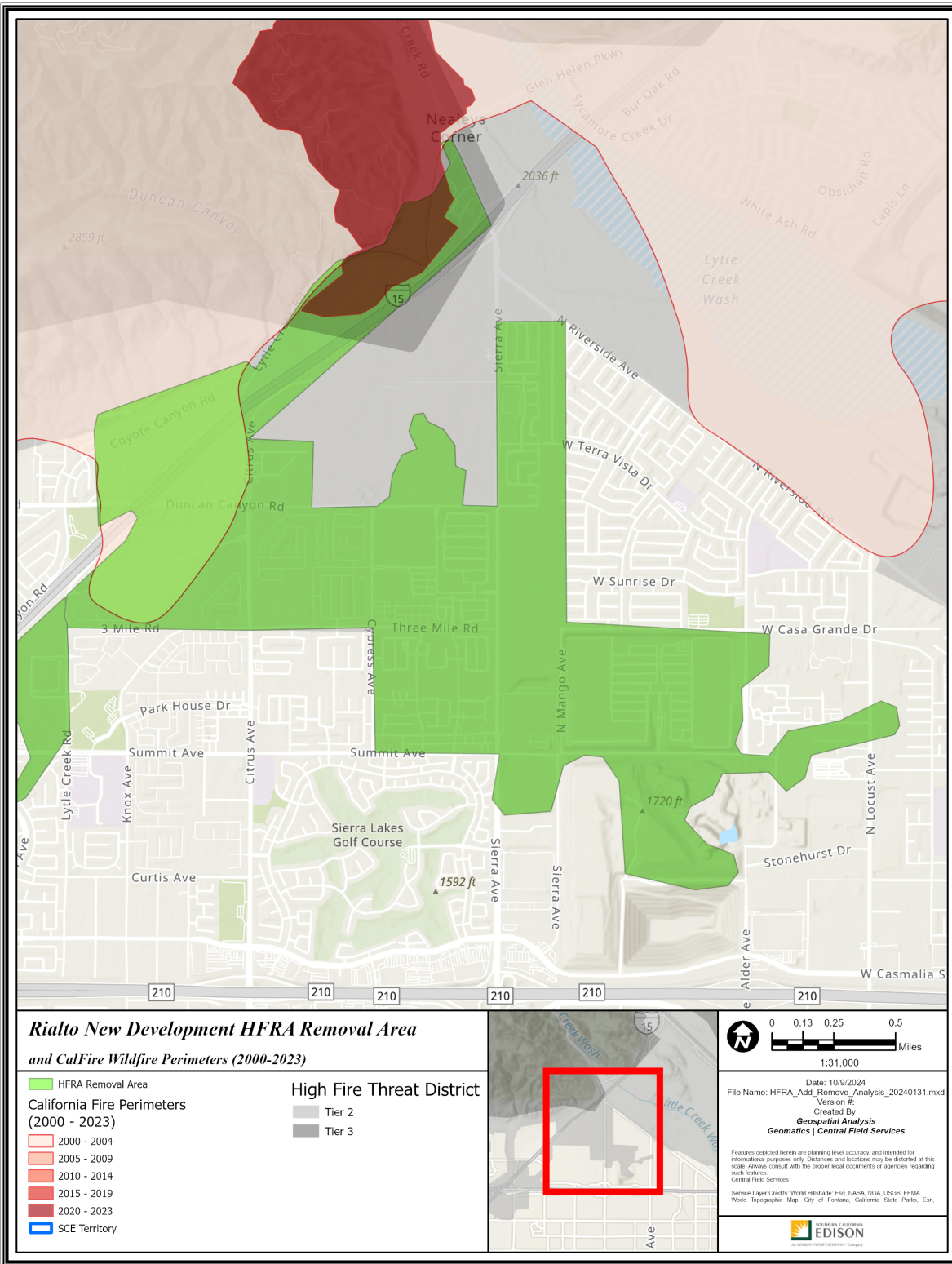
Figure 4 - Rialto 3 SW via Drone 11/2024



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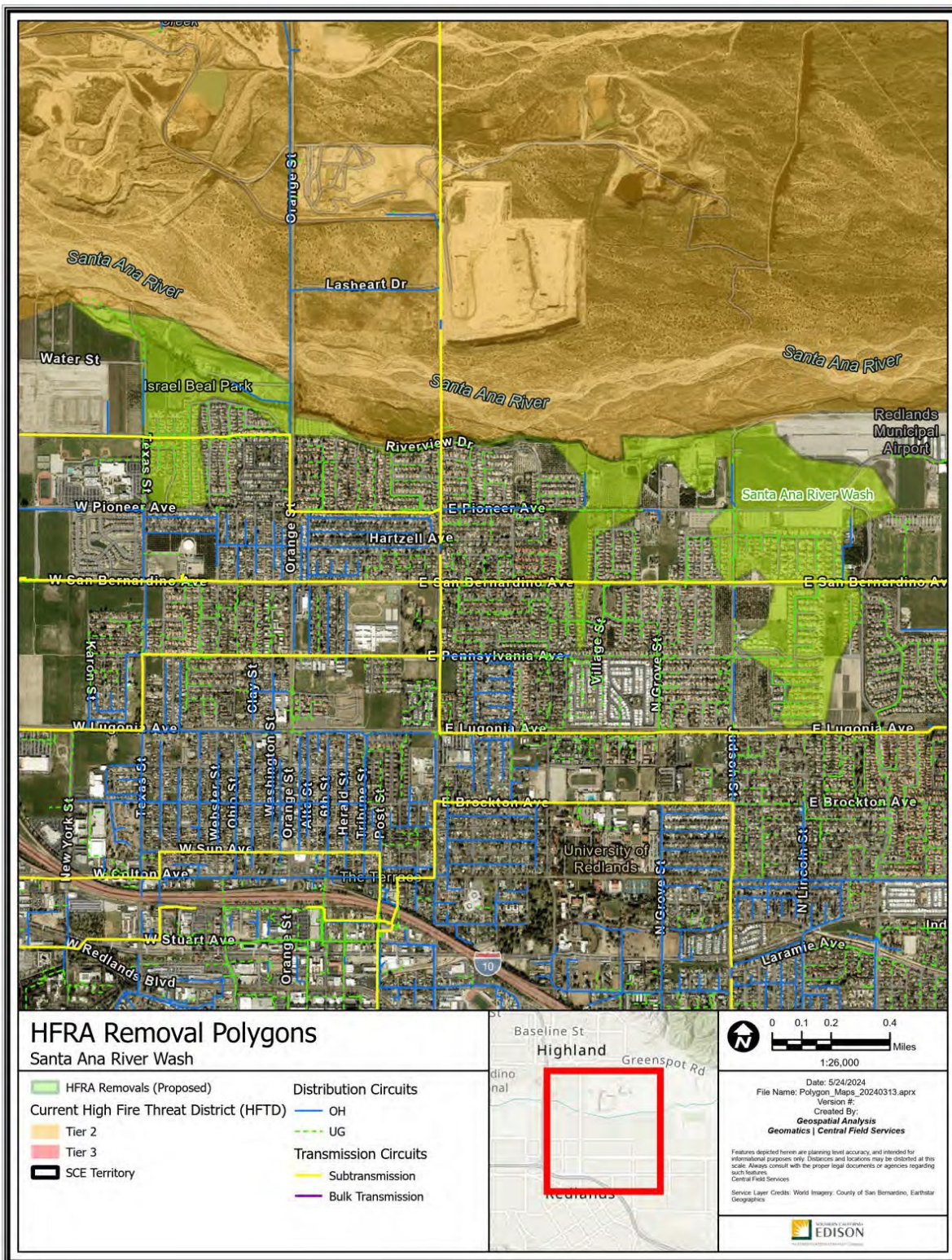
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R11 – Santa Ana River Wash

San Bernardino County

-117.165332, 34.08155

442 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
54.4%	Moderate Load Dry Climate Grass Shrub
10.2%	Low Load Dry Climate Shrub
9.1%	Low Load Dry Climate Grass
8.7%	Short Sparse Dry Climate Grass

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.5%	77.9%	14.8%	4.3%	2.6%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
1.19	5.64	0.6	0	0	7.43

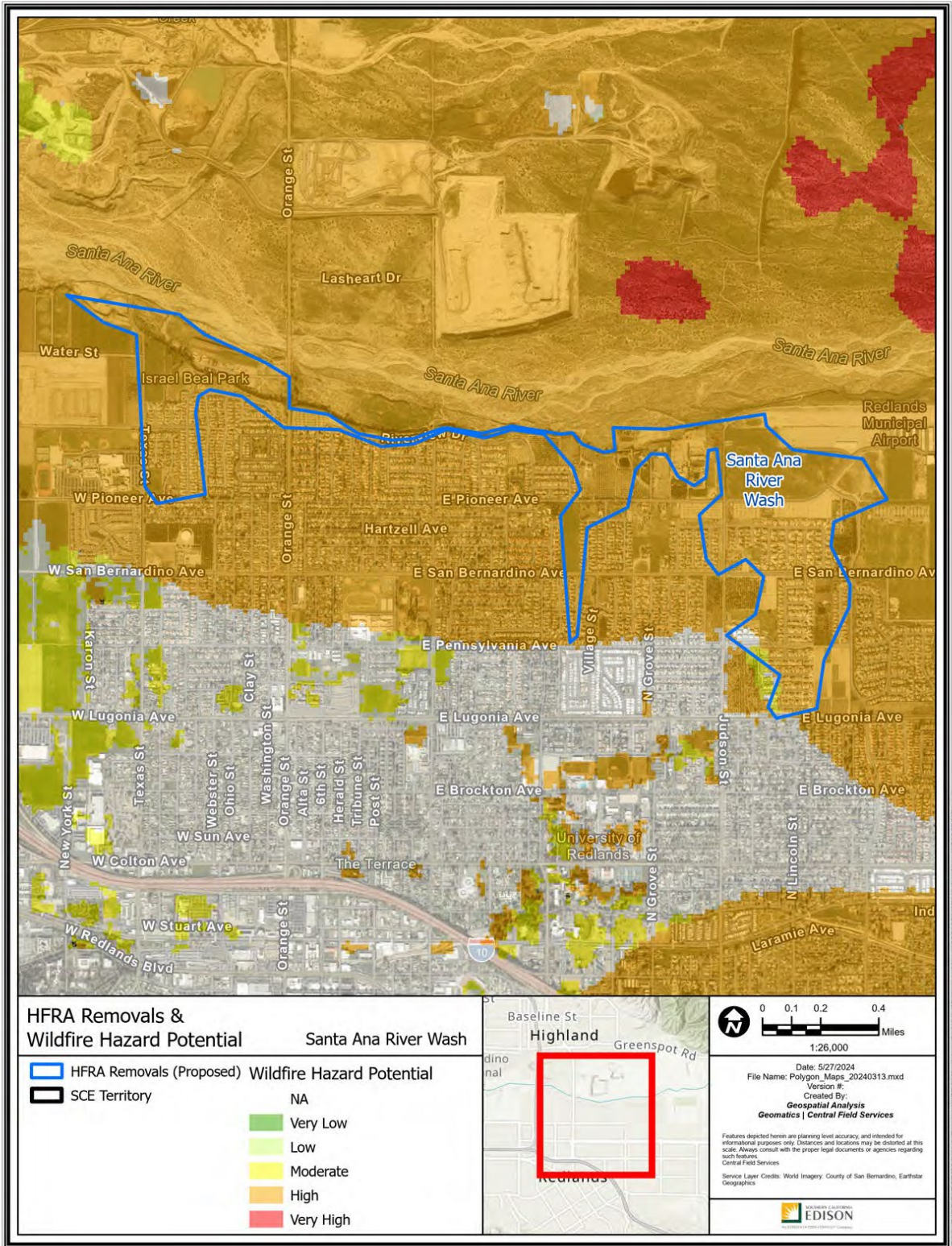
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
503	1.53°	4: High	14%

Recommendation:

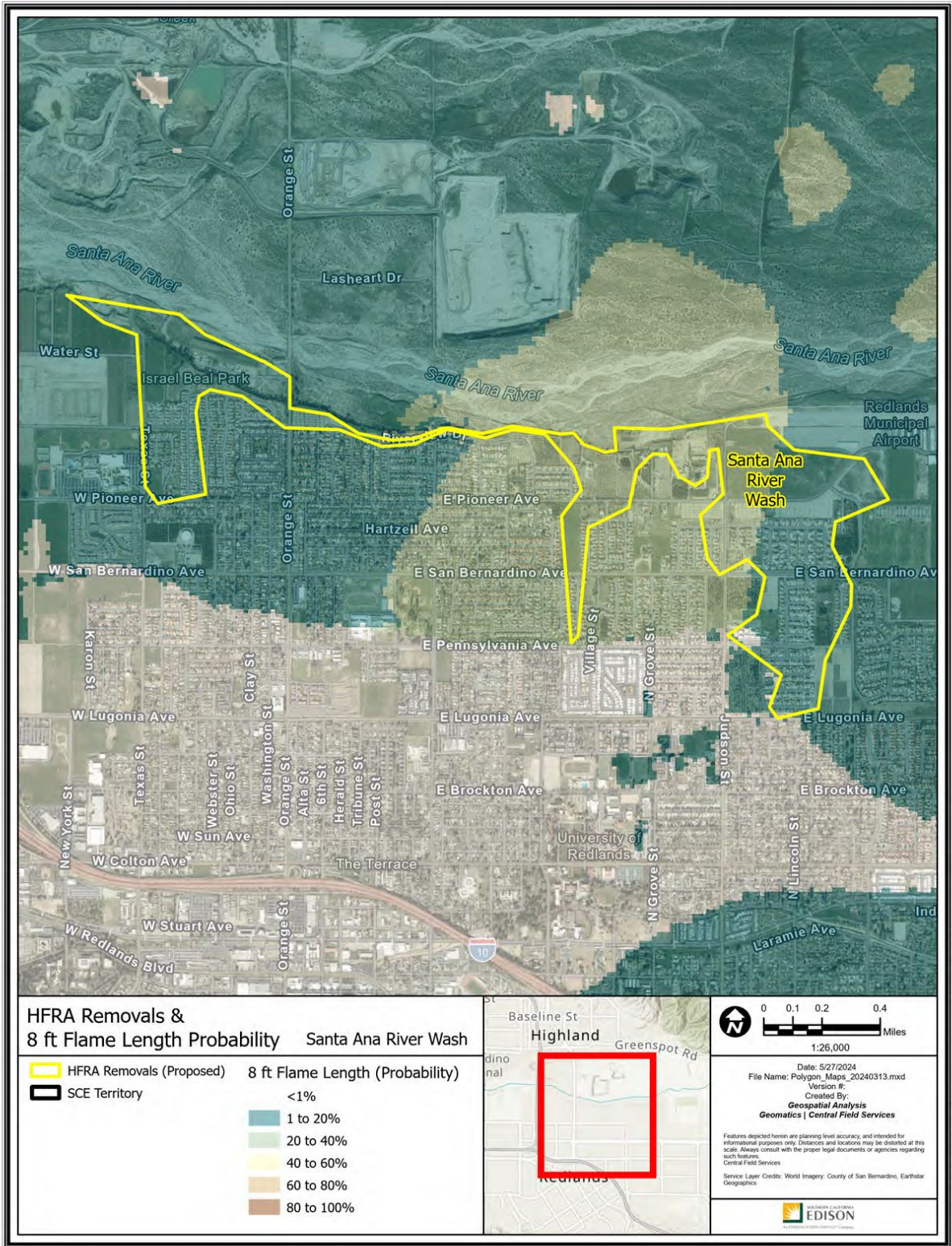
SCE proposes to remove the Santa Ana River Wash polygon from HFTD. This removal creates a more appropriate HFTD boundary along the northern edge of the polygon by removing areas that include orchard farms, parks, urban housing, and part of an airport.



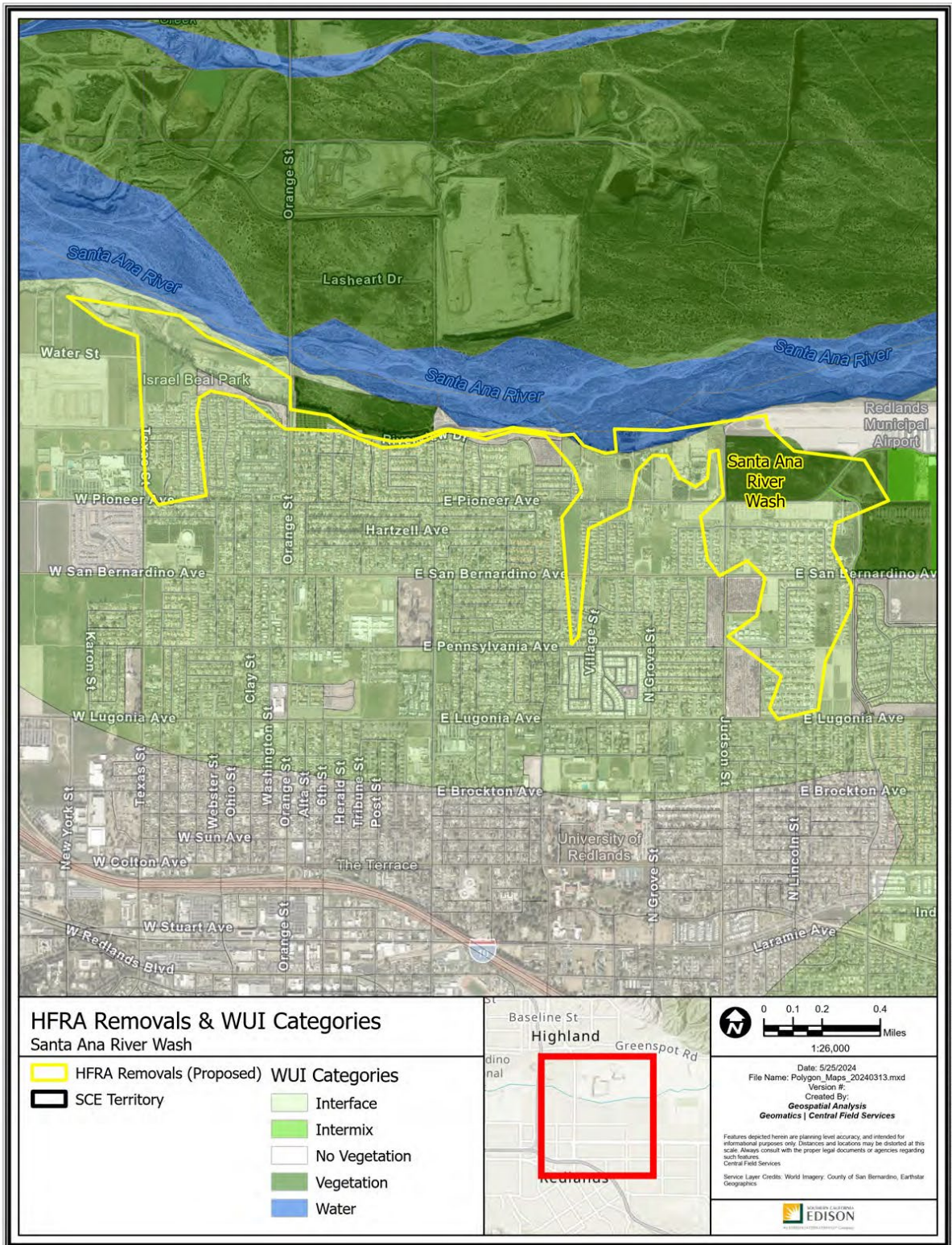
Figure 5 - Orchards Google Images March 2023



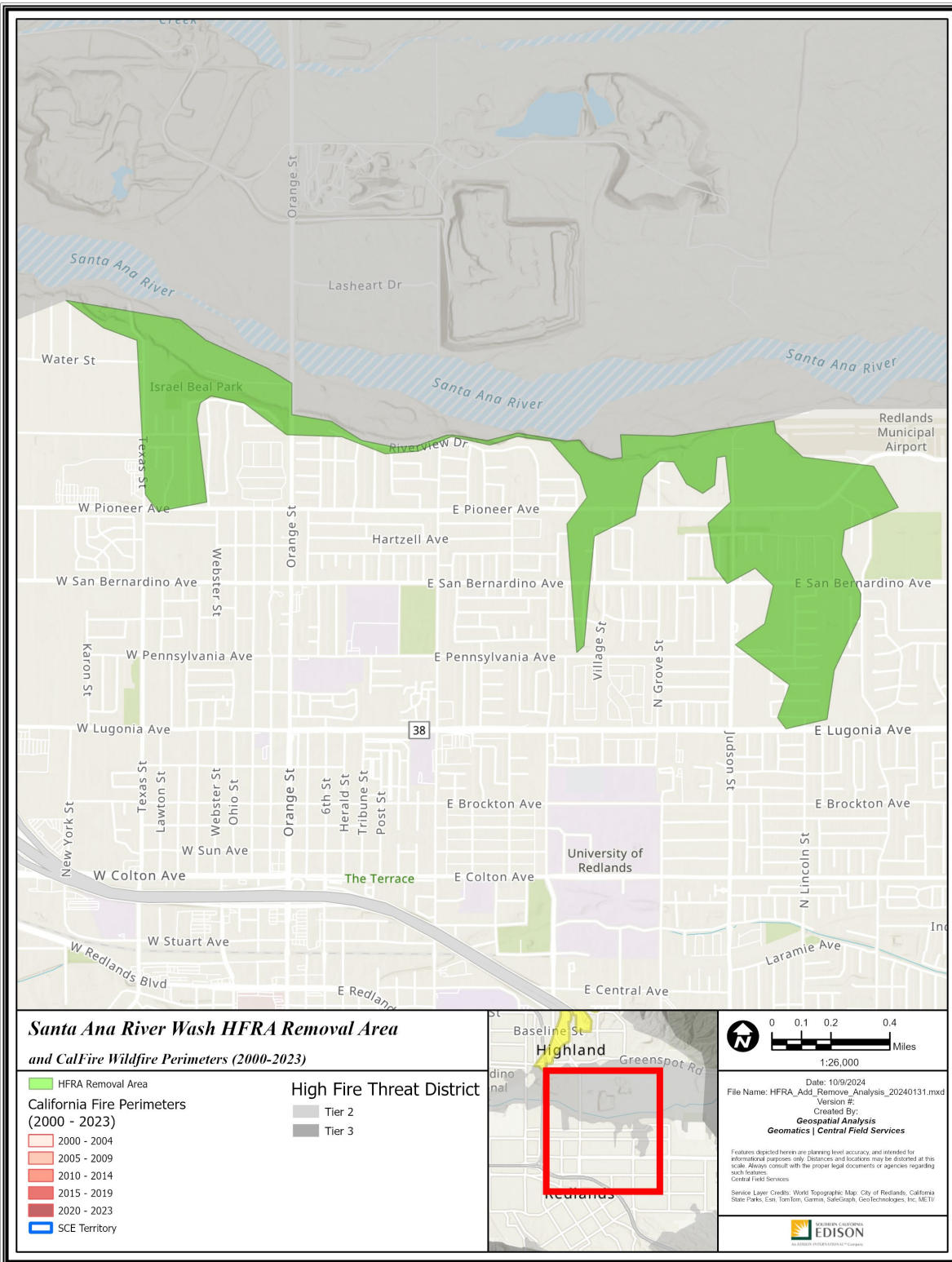
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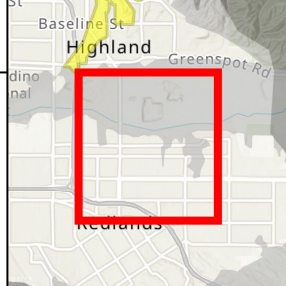


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**Santa Ana River Wash HFRA Removal Area
and CalFire Wildfire Perimeters (2000-2023)**

- 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

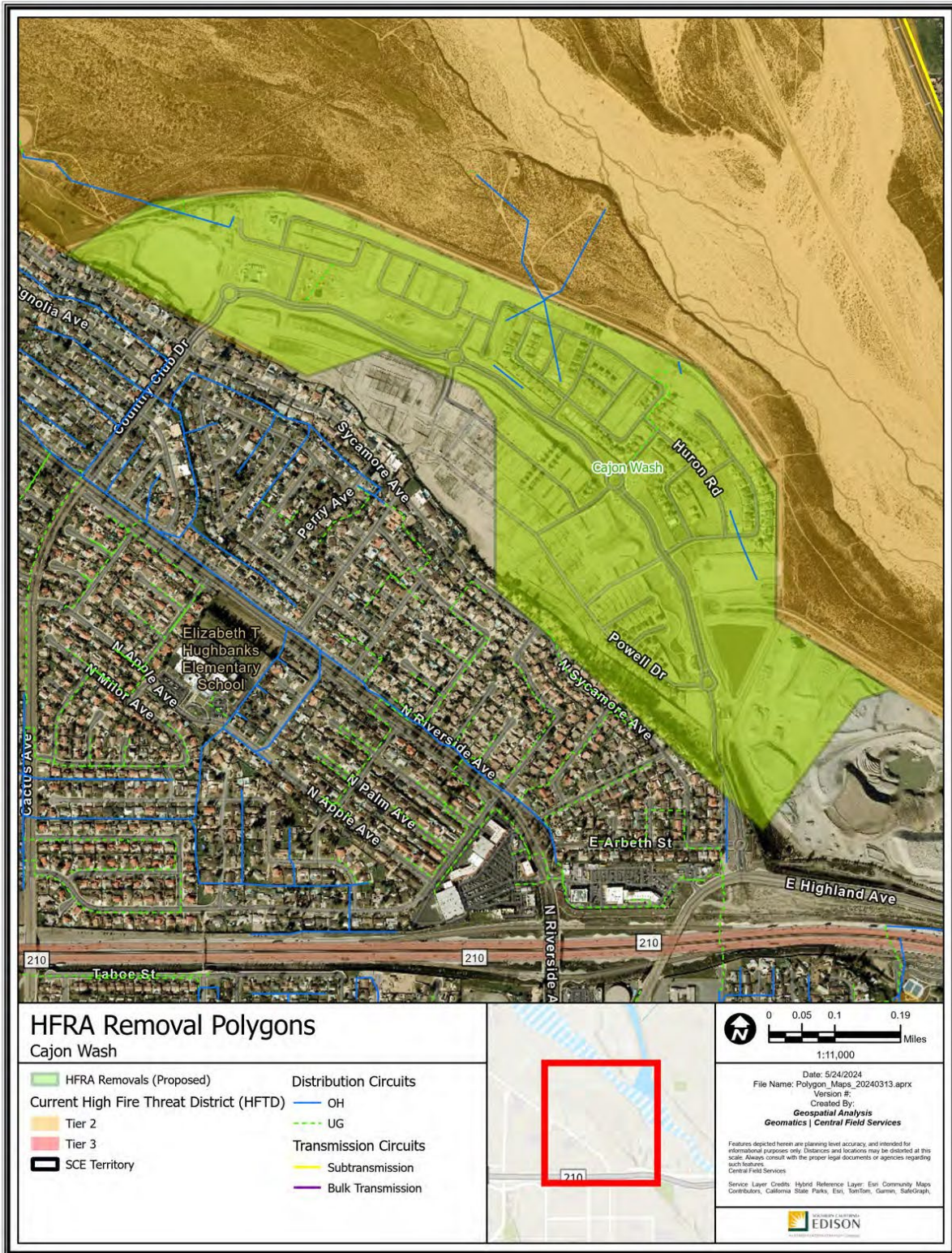
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 Central Field Services

Service Layer Credits: World Topographic Map: City of Redlands, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI

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

R12 – Cajon Wash

San Bernardino County
 -117.370624, 34.146029
 219 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
76.4%	Moderate Load Dry Climate Grass Shrub
10.4%	Bare Ground
2.9%	Minor Roads Surrounded by Low Fire Behavior Fuel
2.6%	Scattered Surrounded by Low Fire Behavior Fuel

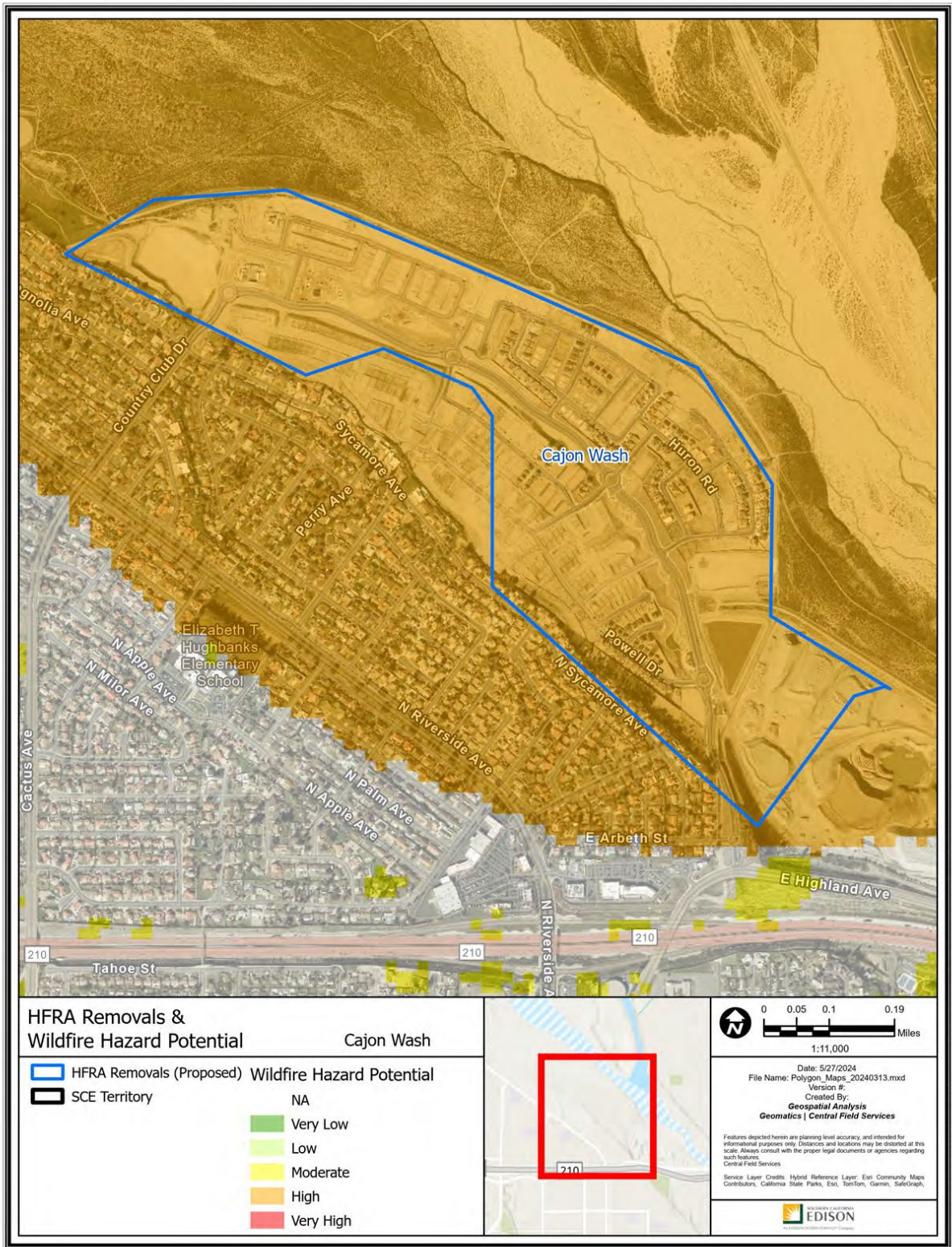
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	89.9%	10.1%	0.0%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
2.01	0.16	0	0	0	2.17

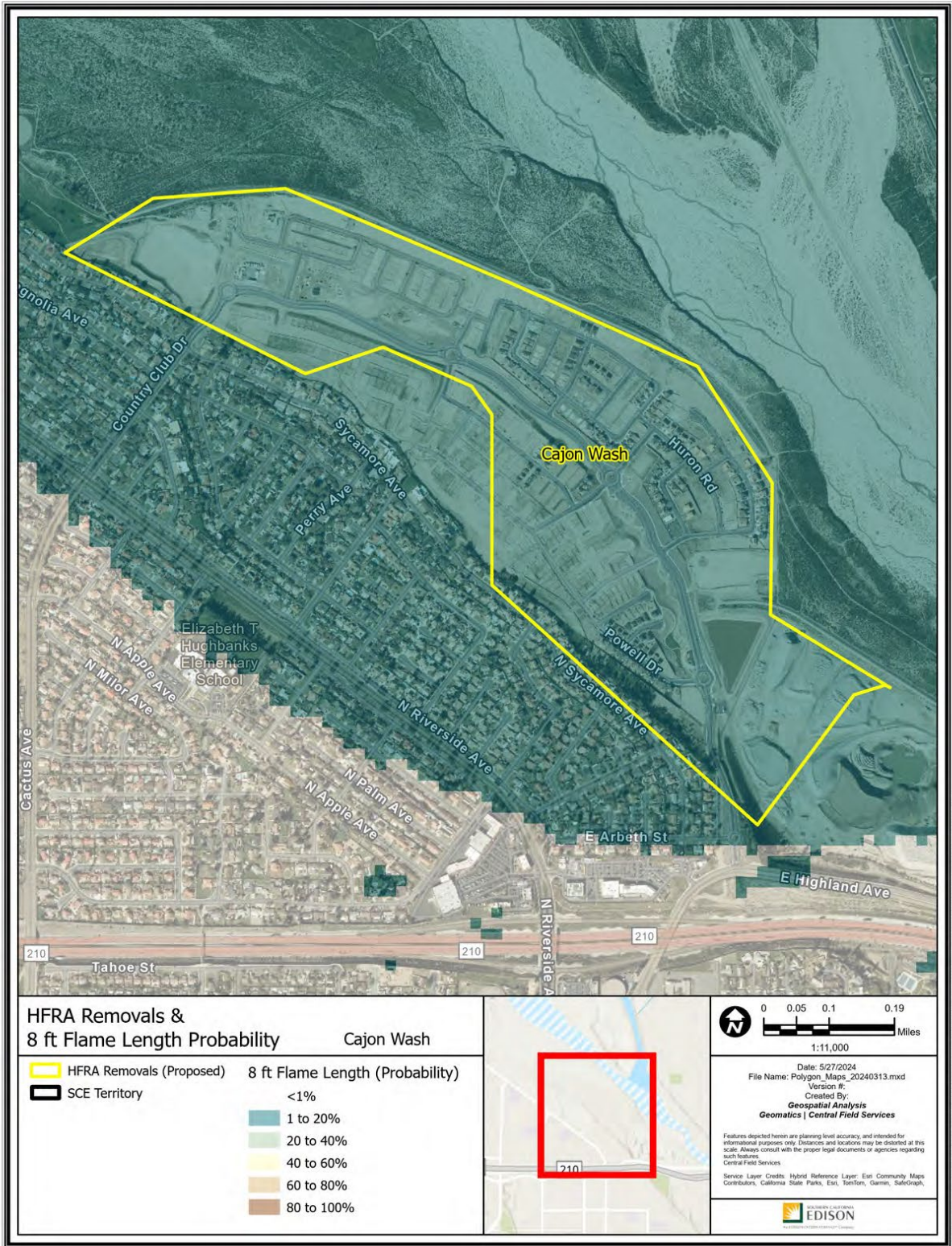
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
6	1.58°	4: High	5%

Recommendation:

SCE proposes to remove the Cajon Wash polygon from HFTD. This area is under development into a dense urbanized neighborhood, and the development is approximately 86% bare ground/urban as of early 2024. Although the adjacent areas will continue as HFTD Tier 2, the polygon itself no longer presents elevated wildfire risk because of the lack of fuels in the polygon proposed to be removed.

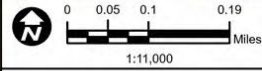


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HFRA Removals & 8 ft Flame Length Probability Cajon Wash

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%

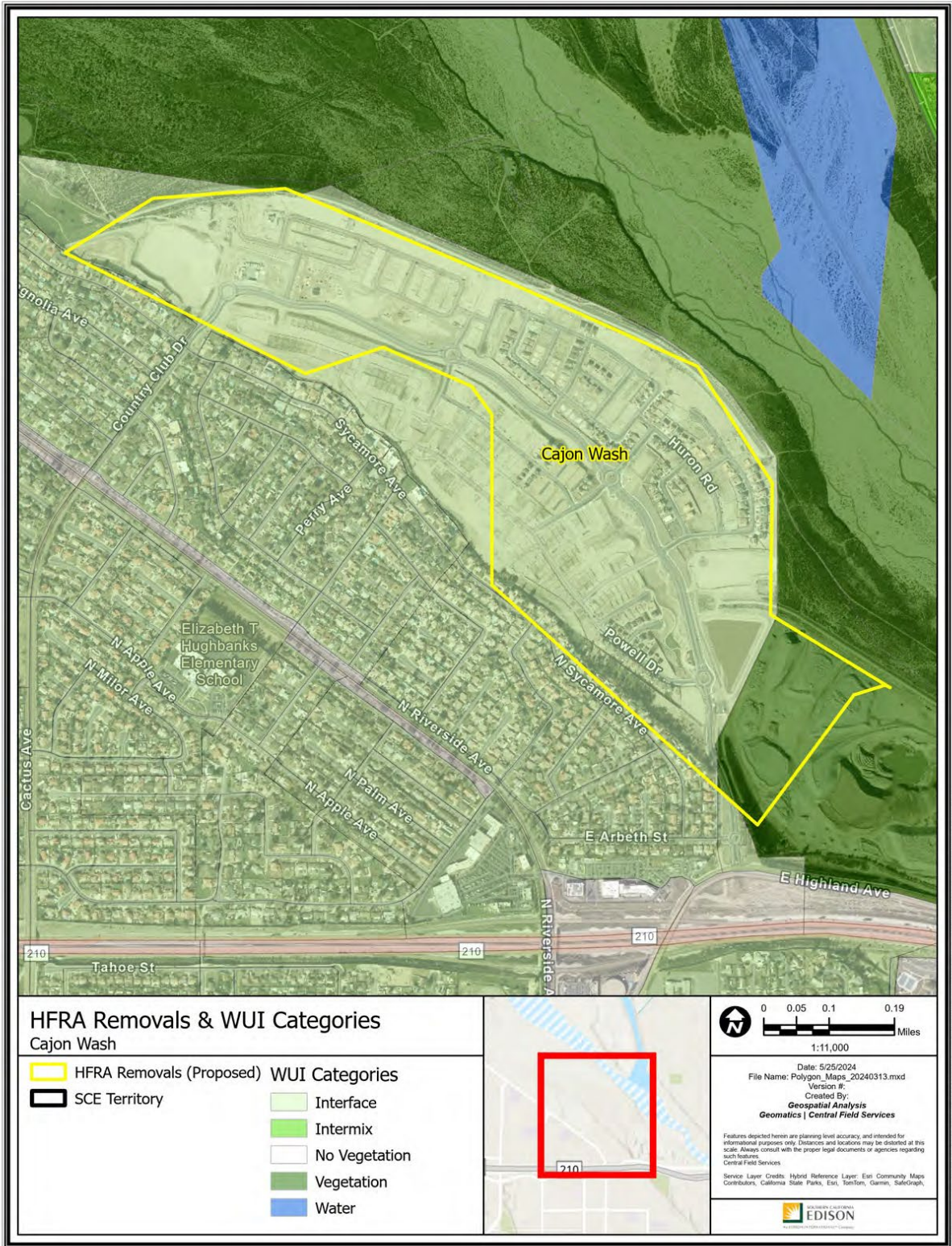


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Geospatial Analysis
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Service Layer Credits: Hybrid Reference Layer: Esri, Community Maps Contributors, California State Parks, Esri, TomTom, Garmin, SafeGraph.

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



HFRA Removals & WUI Categories
Cajon Wash

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



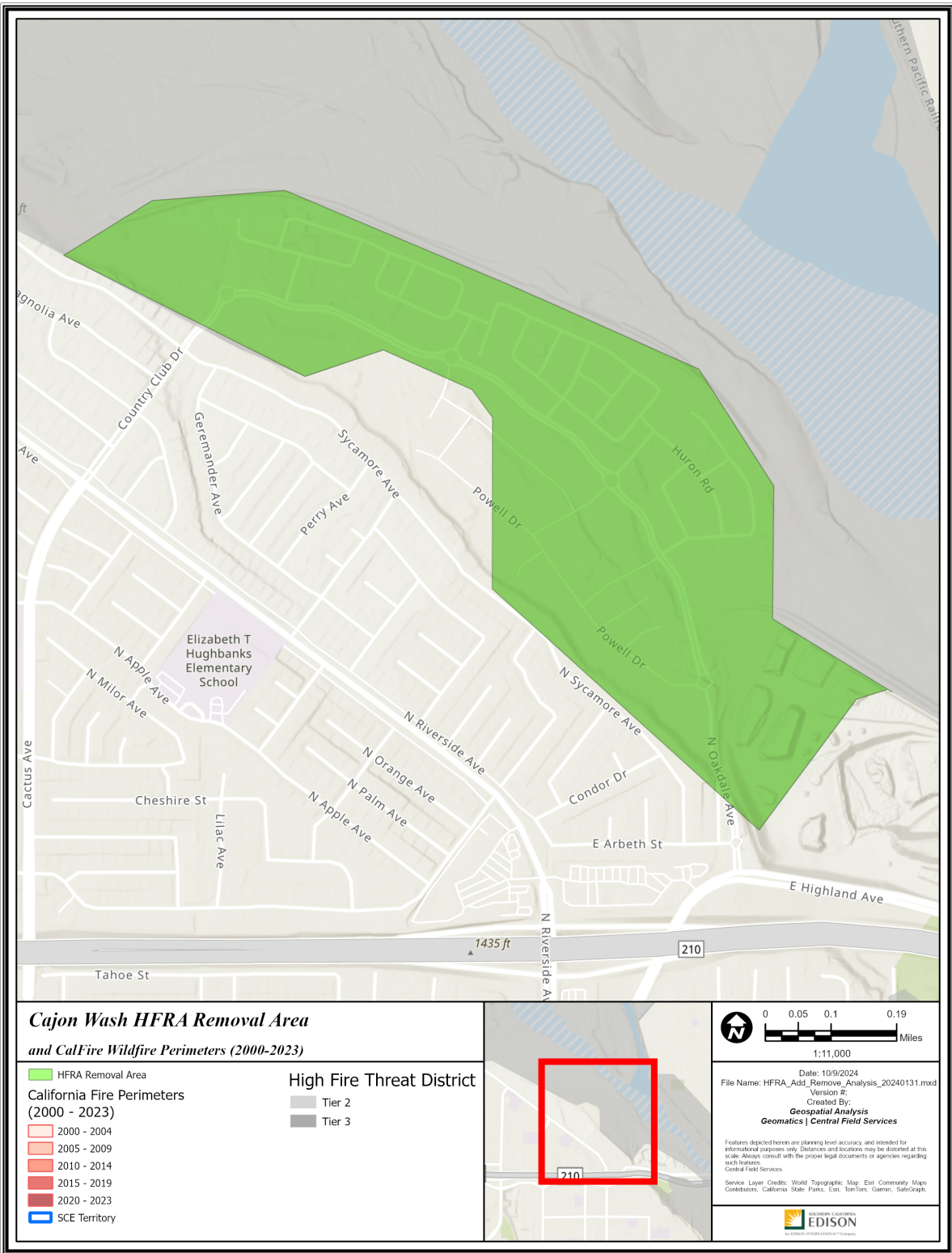
0 0.05 0.1 0.19 Miles
1:11,000

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

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Central Field Services

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, California State Parks, Esri, TomTom, Garmin, SafeGraph,

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



**Cajon Wash 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

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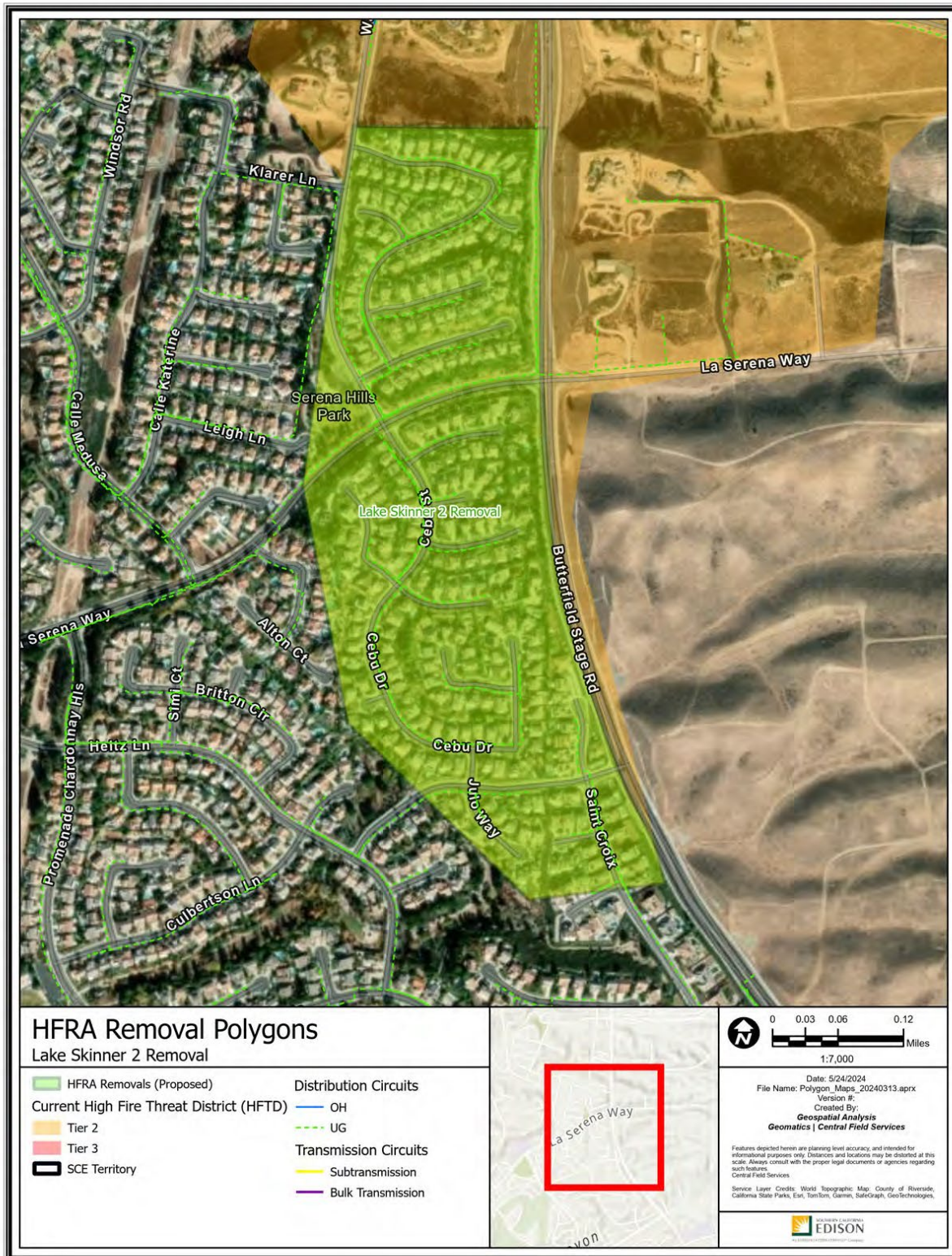
Path: P:\PROJECTS\Special_P\Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R13 – Lake Skinner 2 Removal

Riverside County

-117.102529, 33.528895

91 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
25.8%	Non Burnable Urban Areas
22.2%	Urban Core Surrounded by Low Fire Behavior Fuel
21.9%	Roads Surrounded by Non Burnable Fuels
11.3%	Minor Roads Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.1%	99.4%	0.5%	0.0%	0.0%	100%

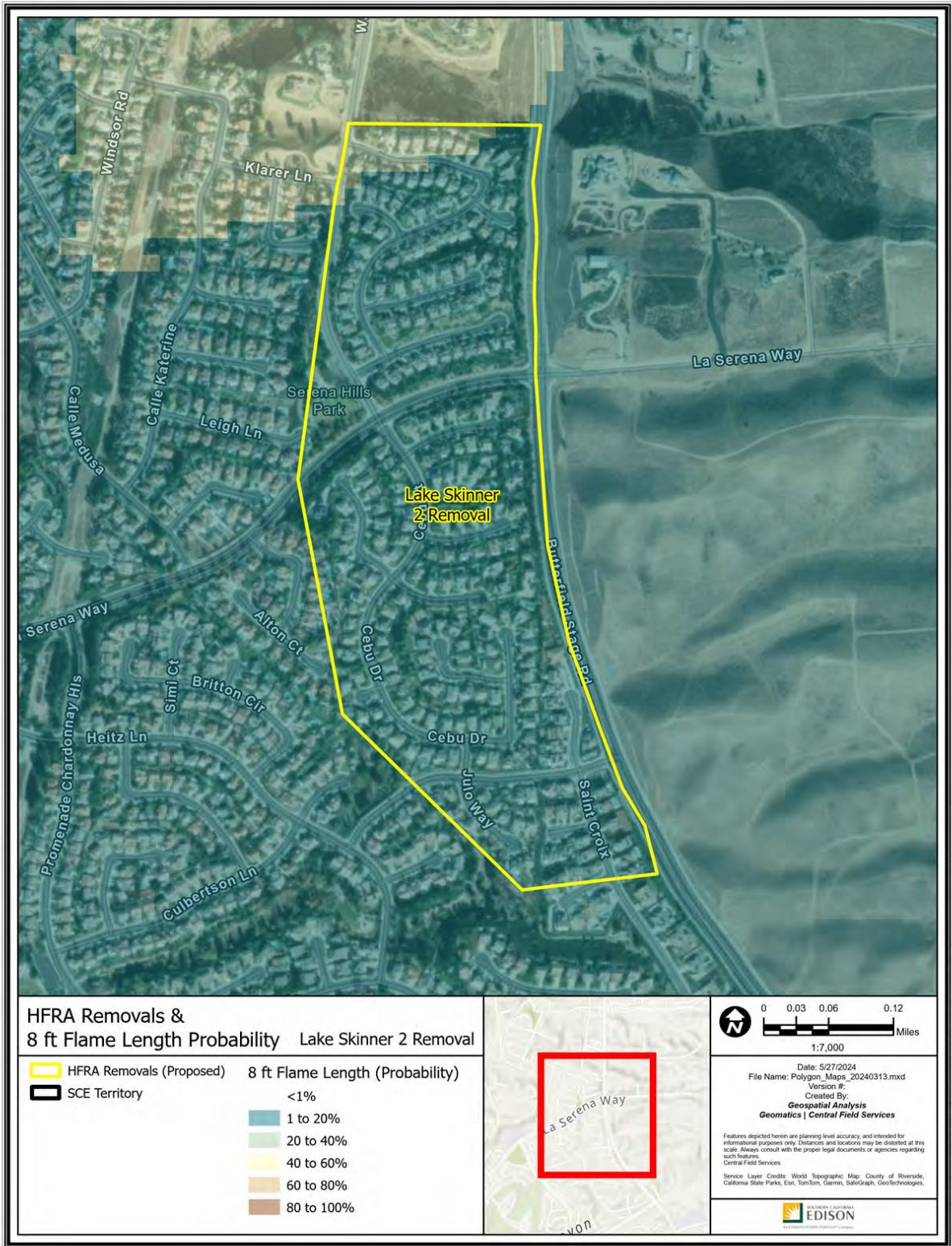
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	3.02	0	0	0	3.02

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%)
265	2.56°	4: High	6%

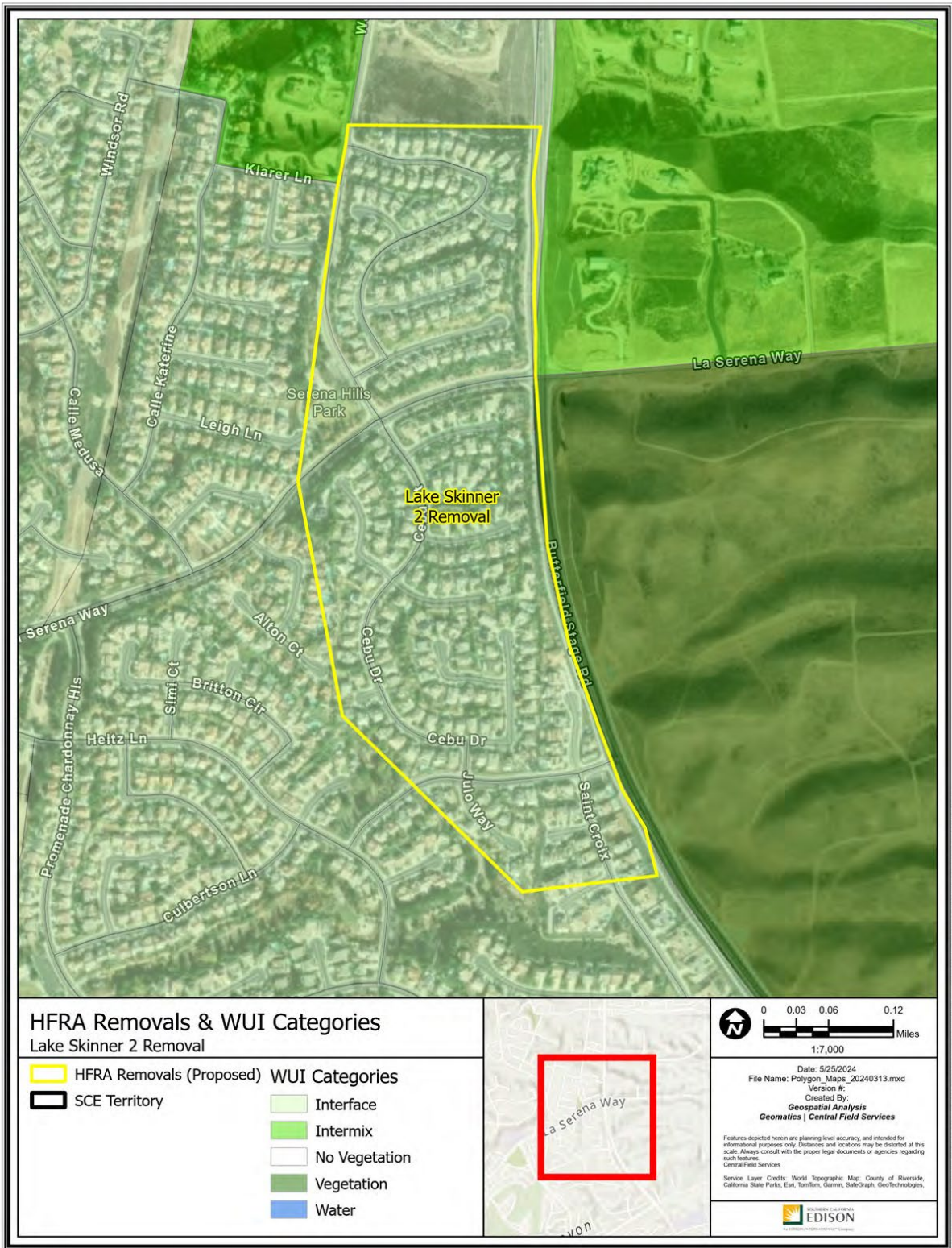
Recommendation:

SCE proposes to remove the Lake Skinner 2 Removal polygon from HFTD. While the northern portion of the polygon is adjacent to HFTD Tier 2, the polygon is an urbanized area consistent with the immediately surrounding non-HFTD areas. In particular:

1. This polygon does not match typical Wildland-Urban Interface characteristics and instead aligns with urban characteristics with 48% being non-burnable fuels and 33% low fire behavior fuels.
2. The boundary was drawn along Butterfield Road for it to serve as a firebreak between this removal polygon and the proposed addition of the Lake Skinner 2 polygon to the east.

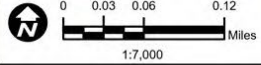


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HFRA Removals & WUI Categories
 Lake Skinner 2 Removal

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



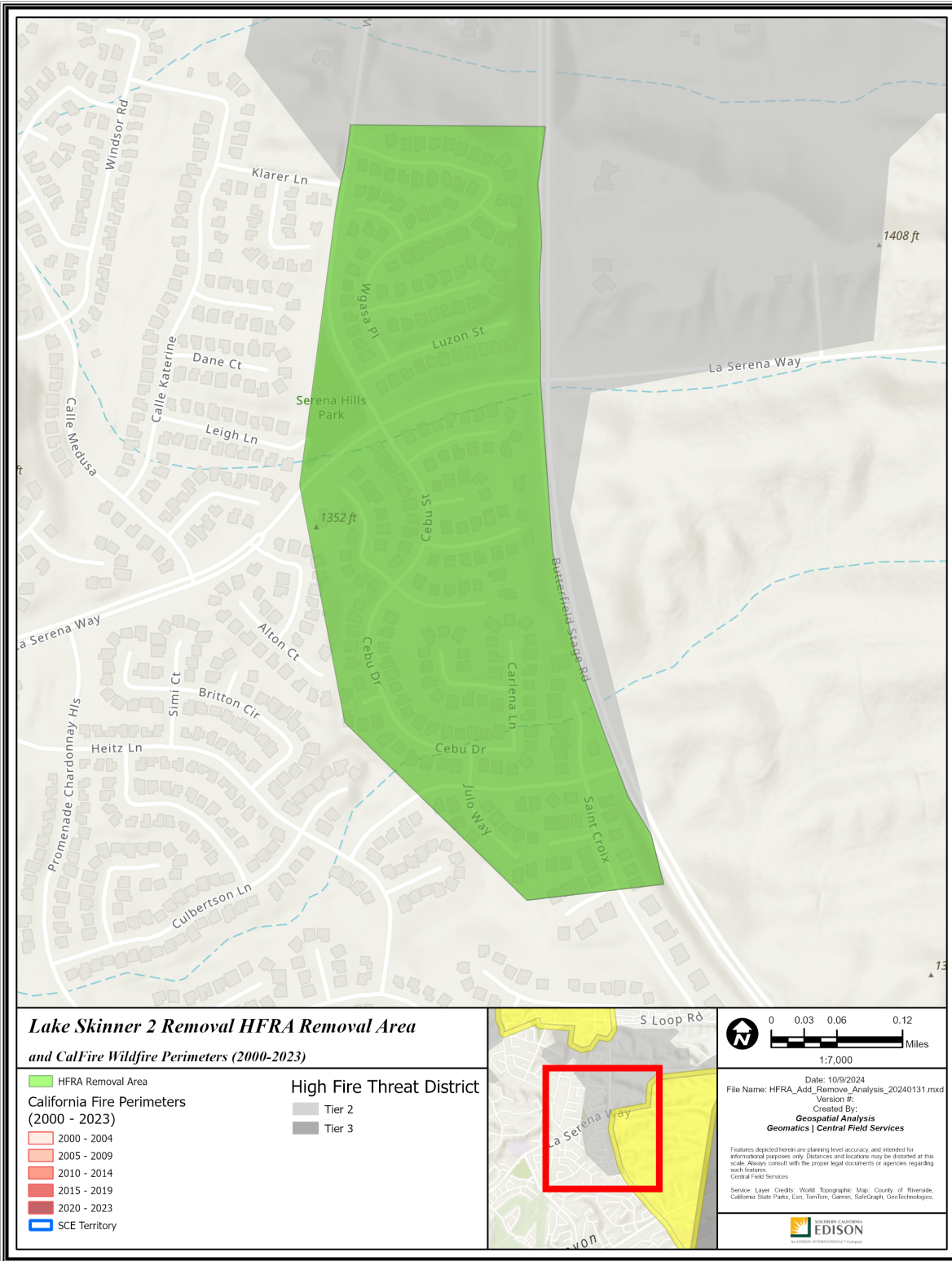
Date: 5/25/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

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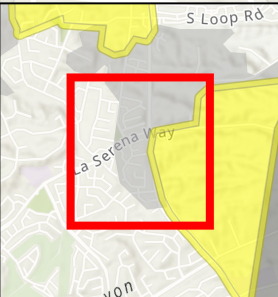


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



**Lake Skinner 2 Removal 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:
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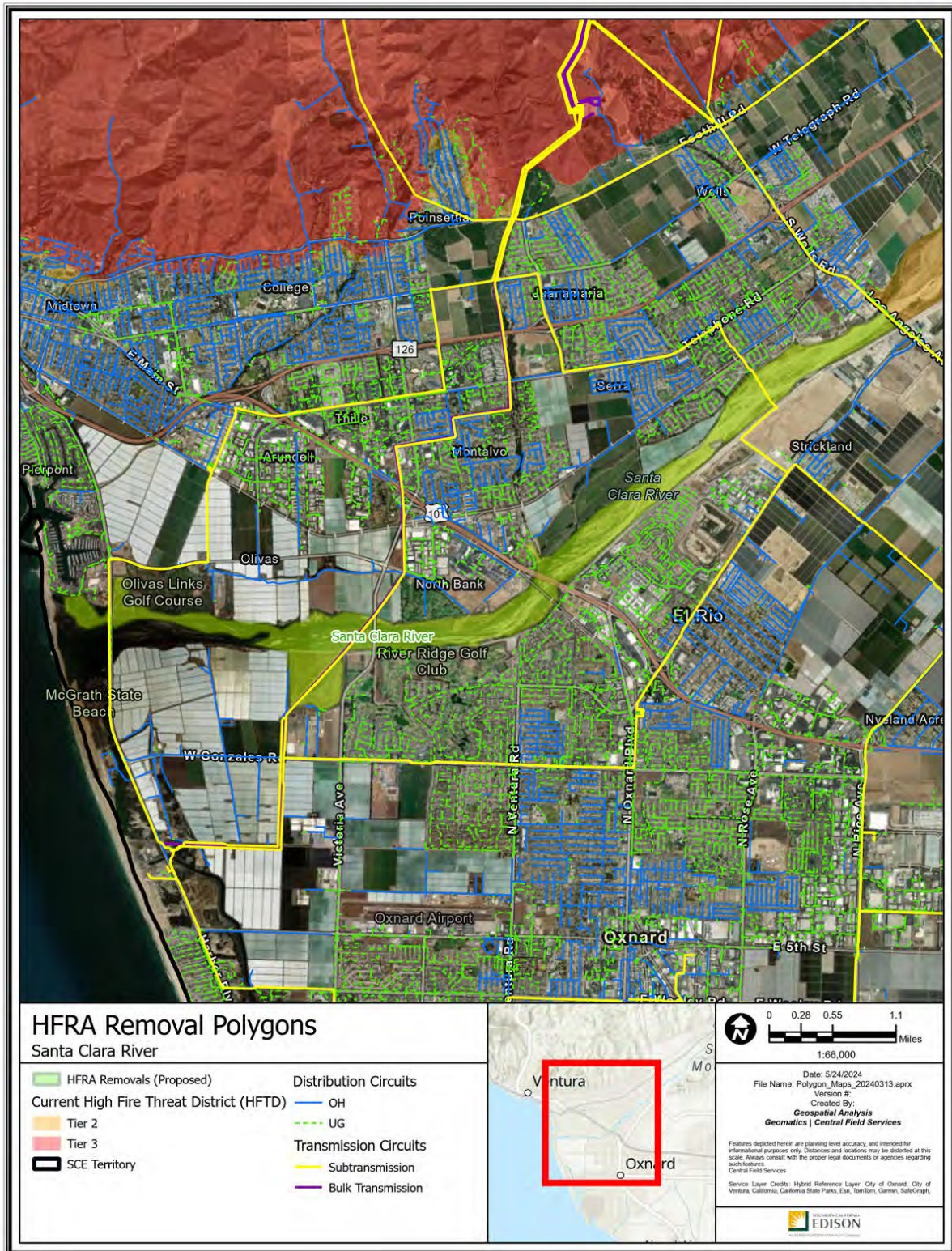
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R14 – Santa Clara River

Ventura County

-119.198701, 34.245942

1,377 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
39.8%	Moderate Load Dry Climate Grass Shrub
16.0%	Bare Ground
11.4%	Timber Litter
8.4%	Low Load Humid Climate Timber Shrub

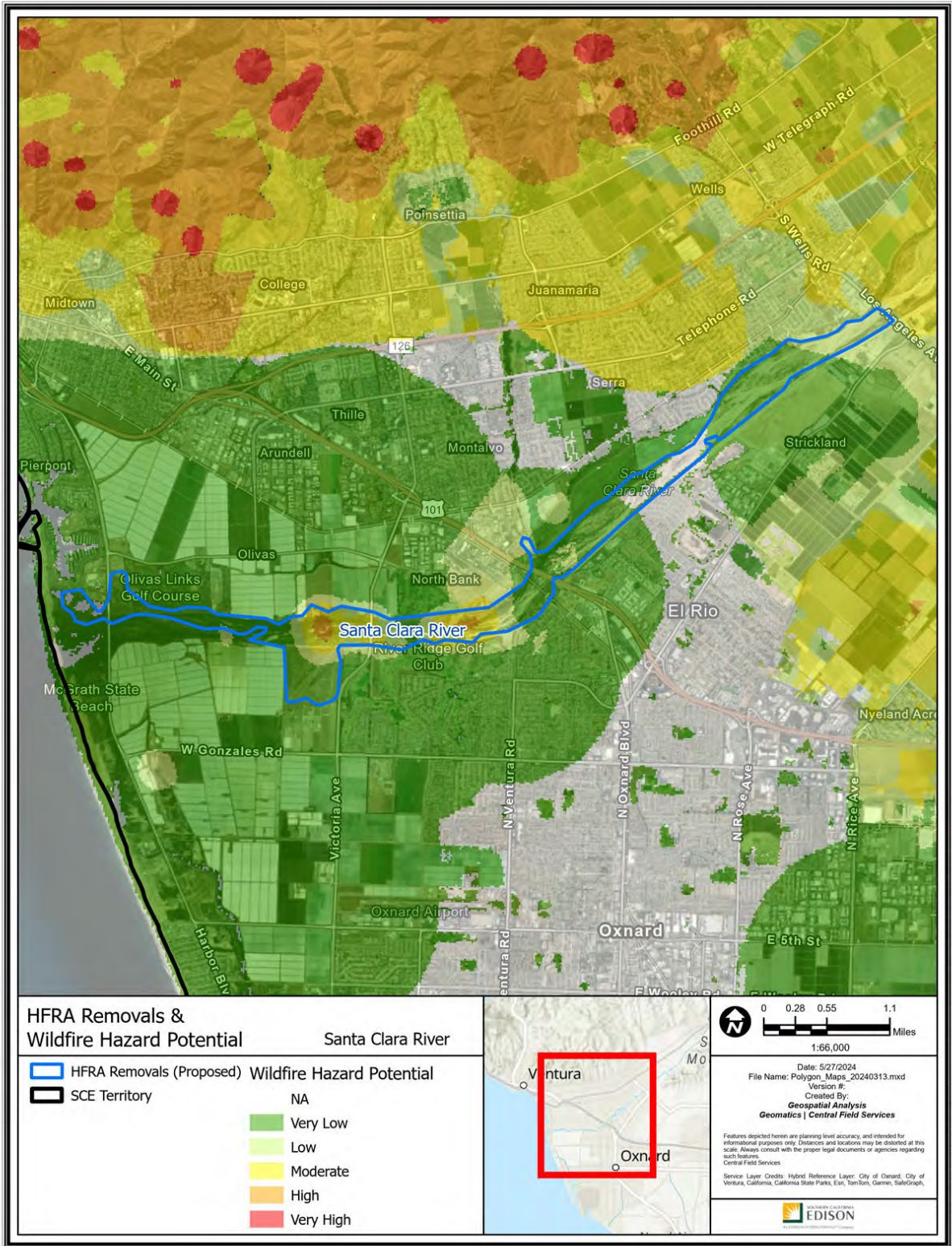
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	0.4%	12.1%	45.5%	42.1%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.12	0.96	3.15	0	2	6.23

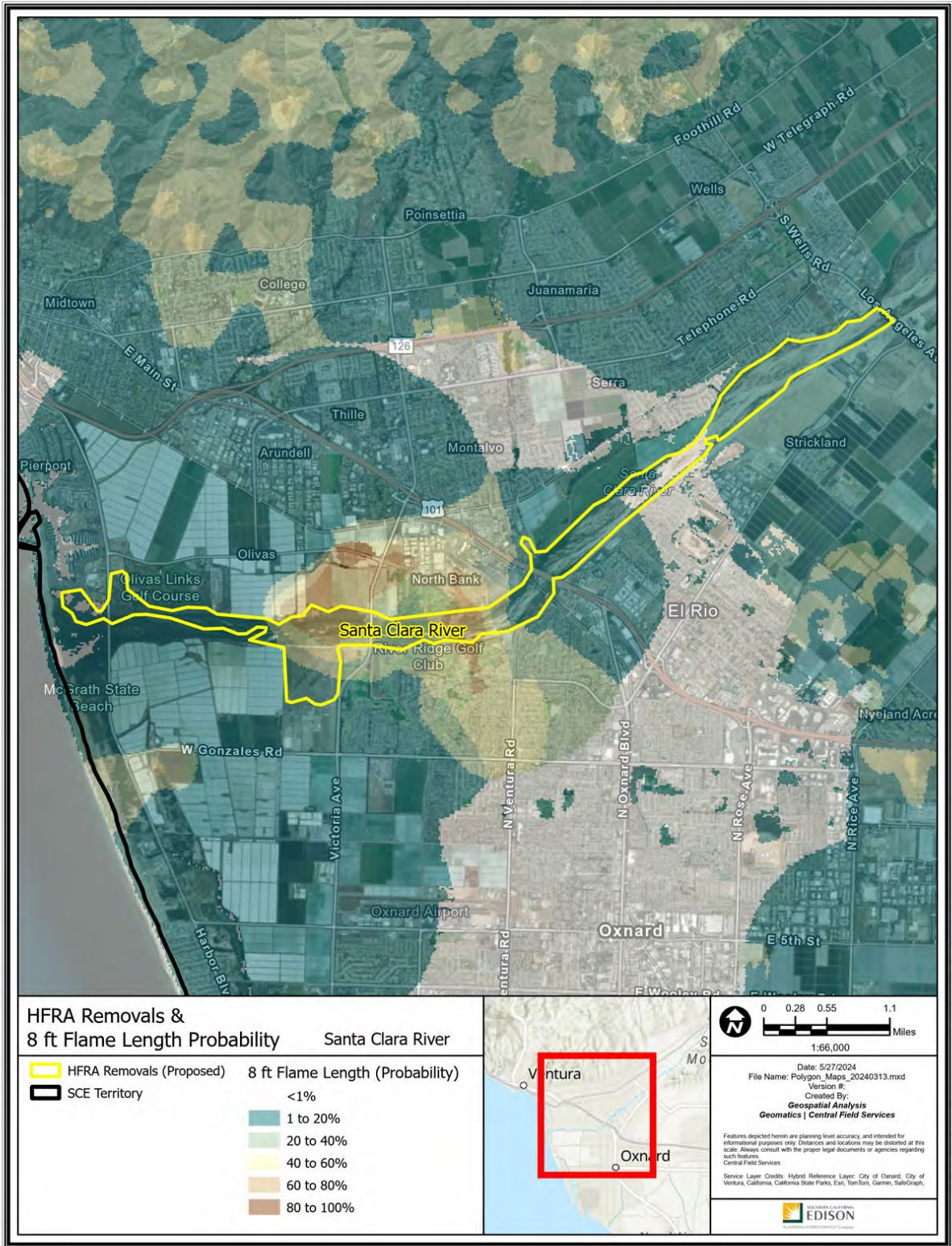
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
1	0.93°	2: Low	20%

Recommendation:

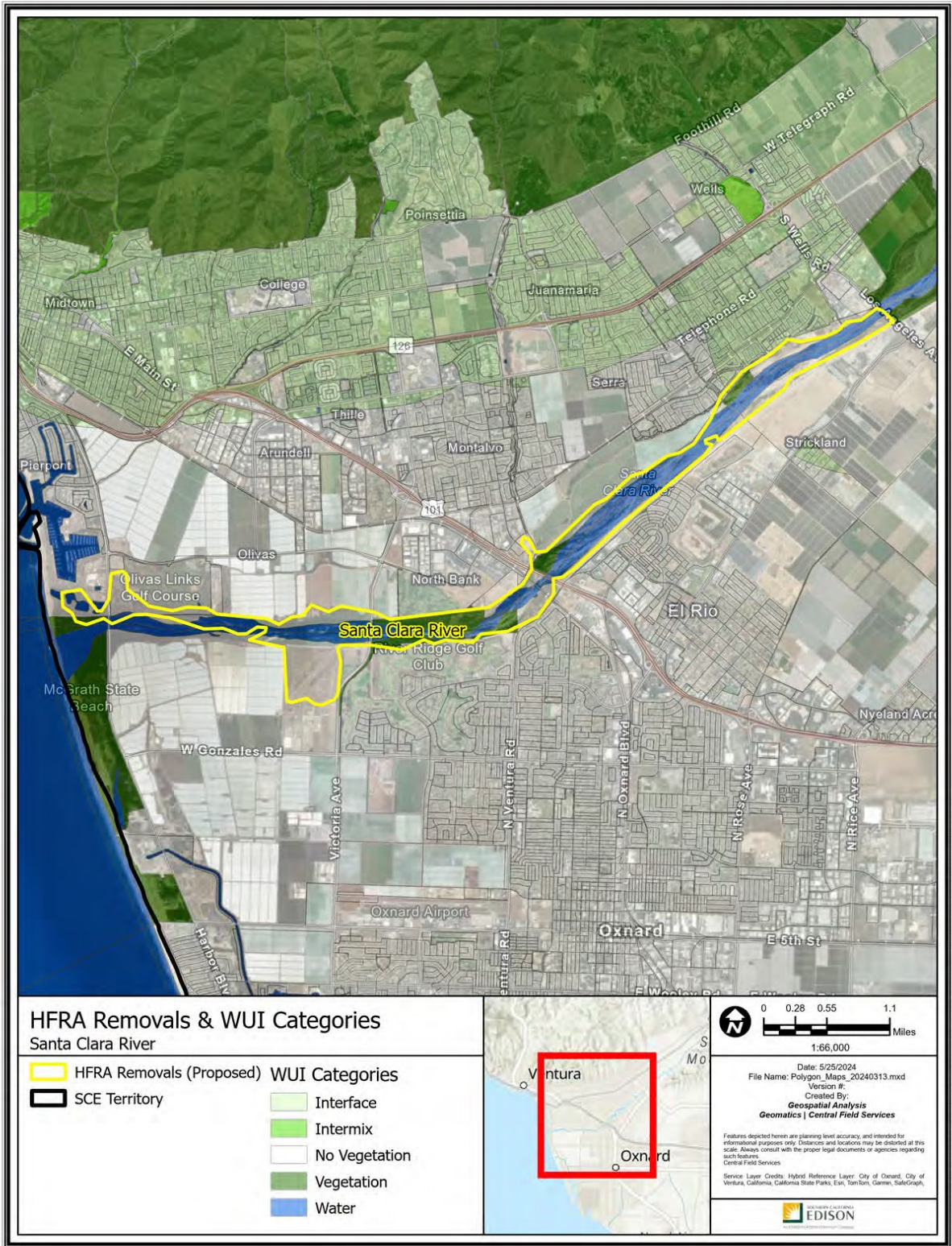
SCE proposes to remove the Santa Clara River polygon from HFTD. This polygon consists of a riverbed running through urban areas to the ocean, and benefits from higher soil moisture levels and humidity, reducing the potential for ignitions.



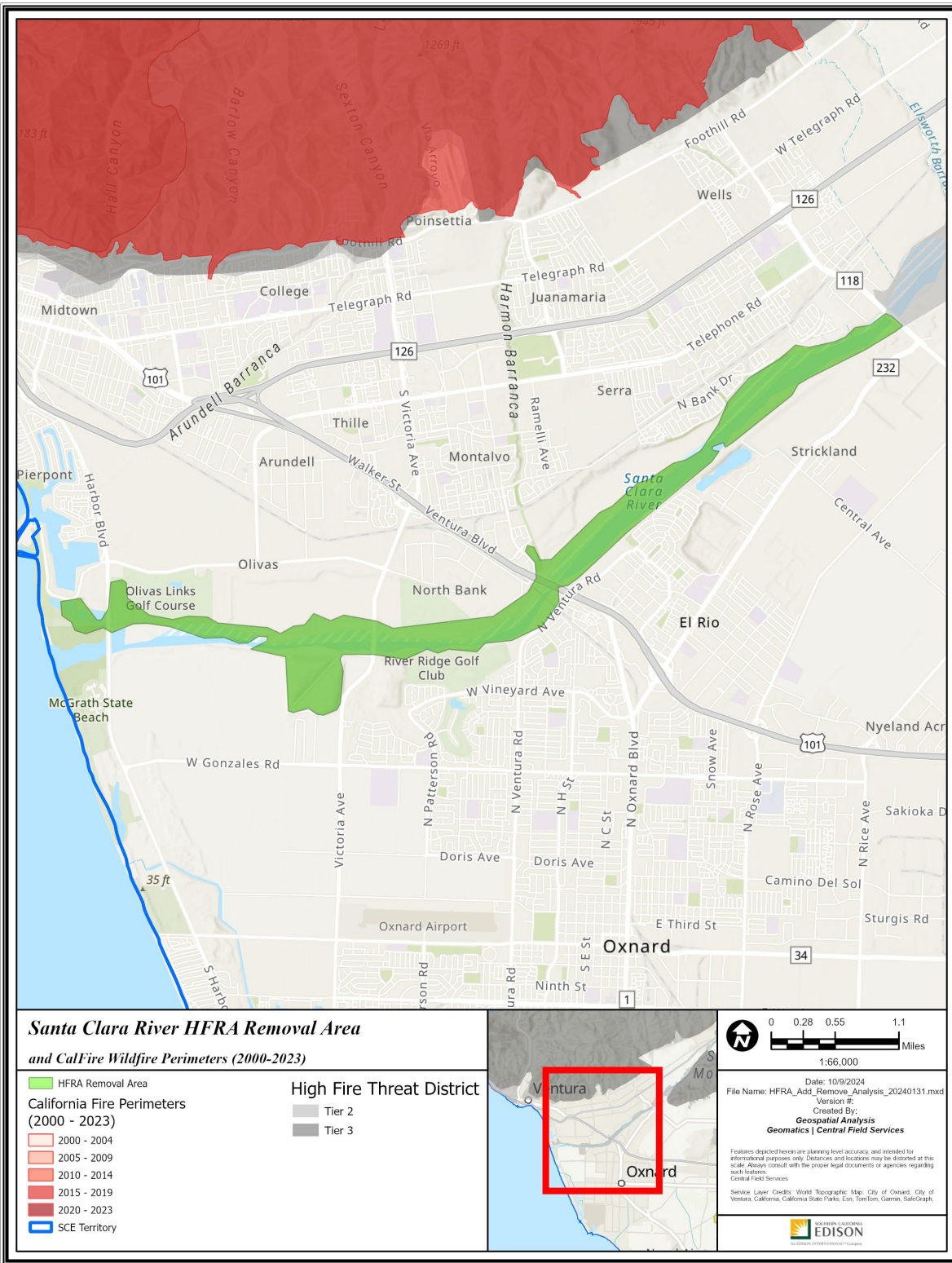
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Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313.aprx



Path: P:\PROJECTS\Special_Productions\Projects\HFRA_Herndon_Analysis\Polygon_Map_20240313.aprx



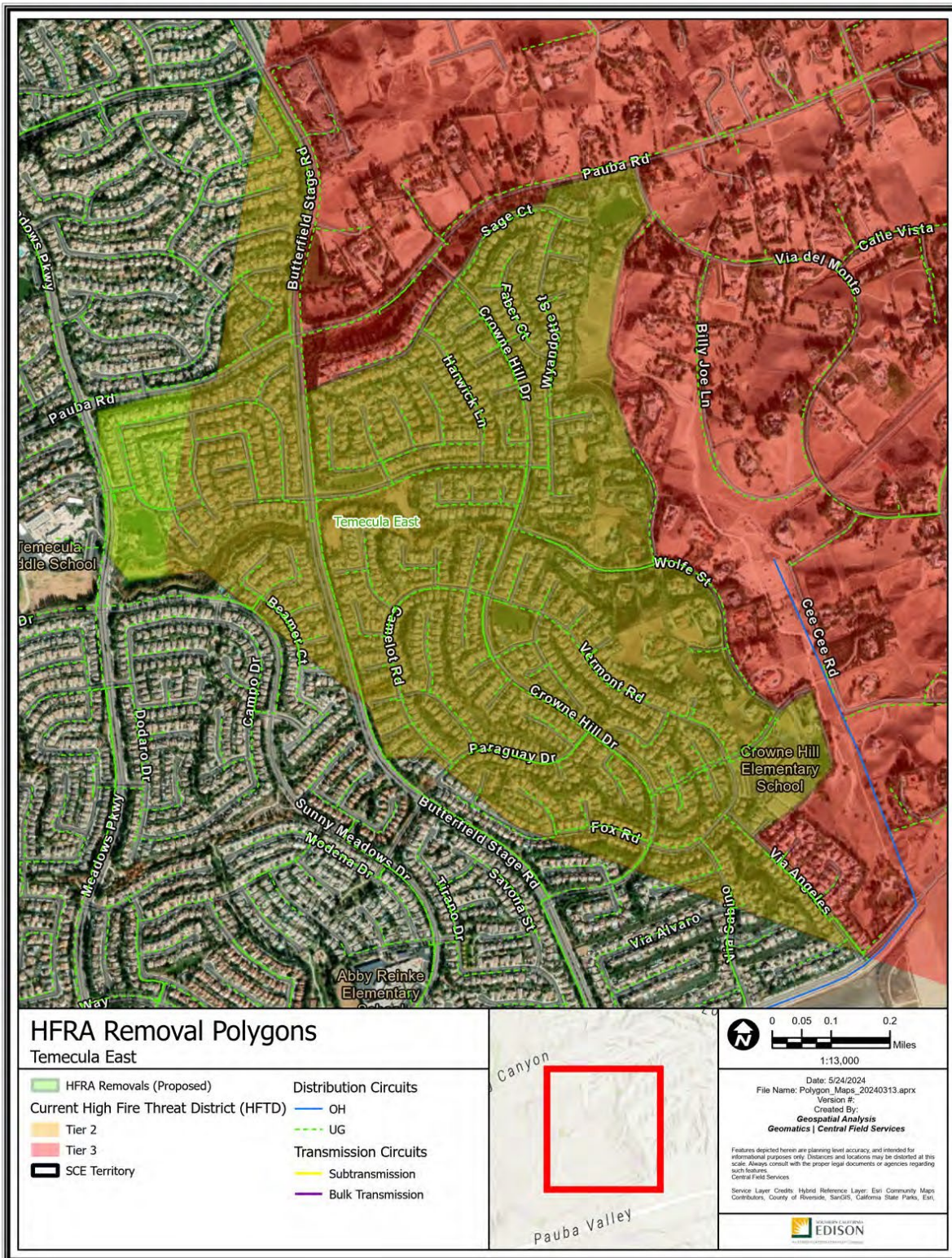
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Adi_Remove_Analysis_20240131.aprx

R15 – Temecula East

Riverside County

-117.08458, 33.502973

511 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
33.4%	Non Burnable Urban Areas
21.0%	Moderate Load Dry Climate Grass Shrub
19.3%	Roads Surrounded by Non Burnable Fuels
6.7%	Urban Core Surrounded by Low Fire Behavior Fuel

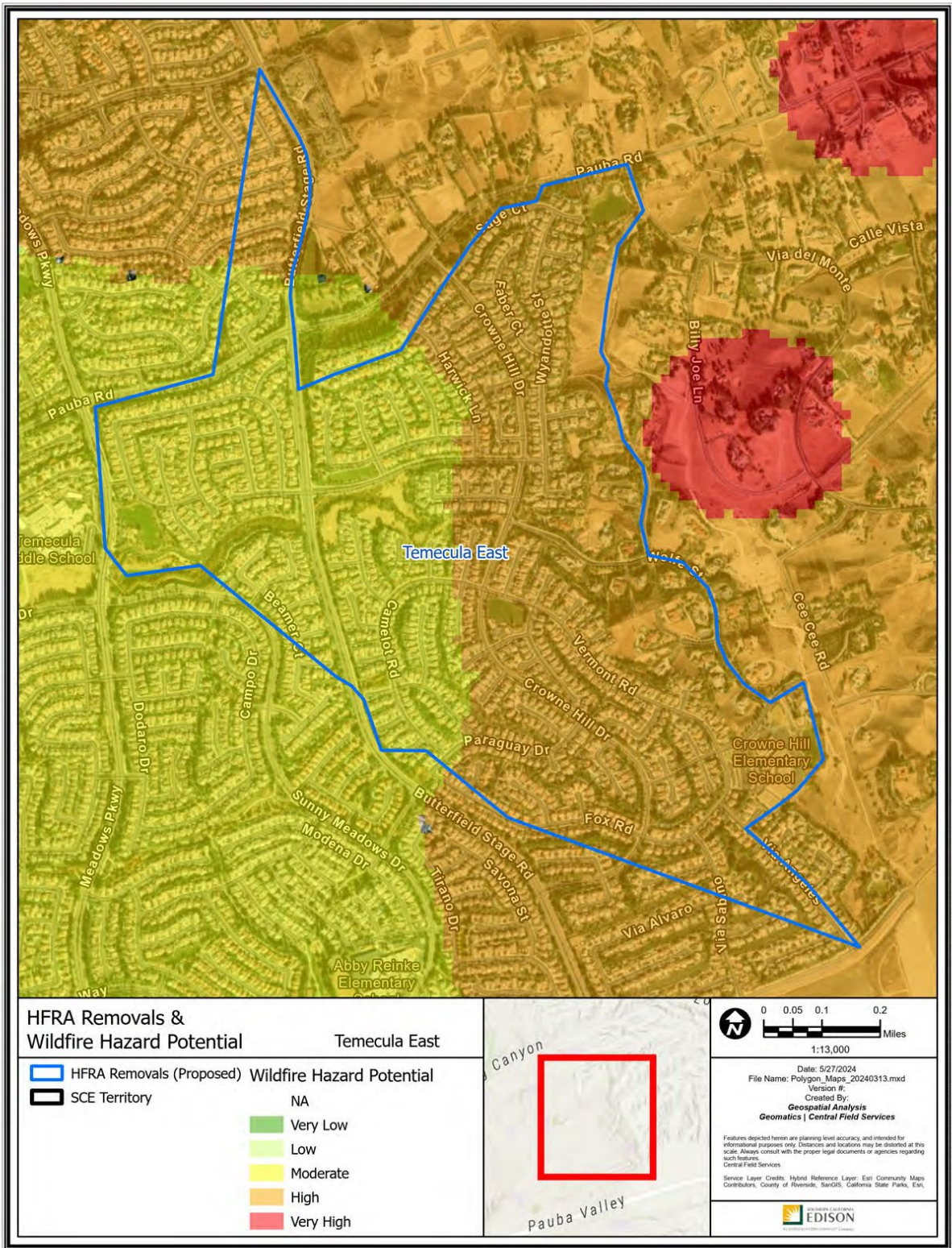
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	78.2%	0.0%	21.8%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	16.95	0	0	0	16.95

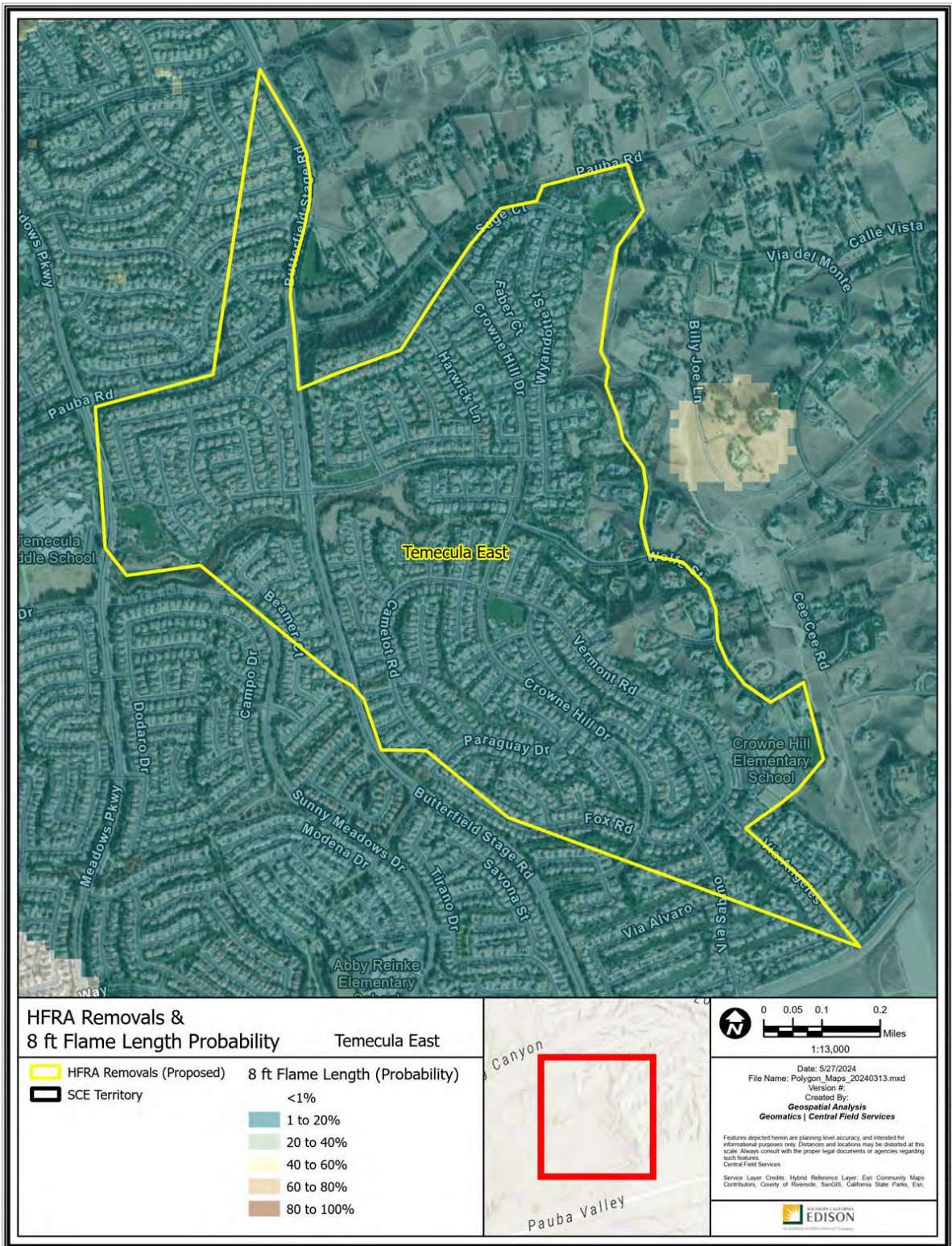
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
1,365	3.2°	4: High	9%

Recommendation:

SCE proposes to remove the Temecula East polygon from HFTD. This removal will better align the HFTD with local characteristics, as the polygon is consistent with the urbanized non-HFTD area to the east. This polygon does not match typical Wildland-Urban Interface characteristics and instead aligns with urban characteristics given that approximately 50% of fuels are non-burnable fuels.

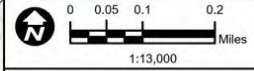


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Map_20240313.mxd



HFRA Removals & 8 ft Flame Length Probability Temecula East

- 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% |



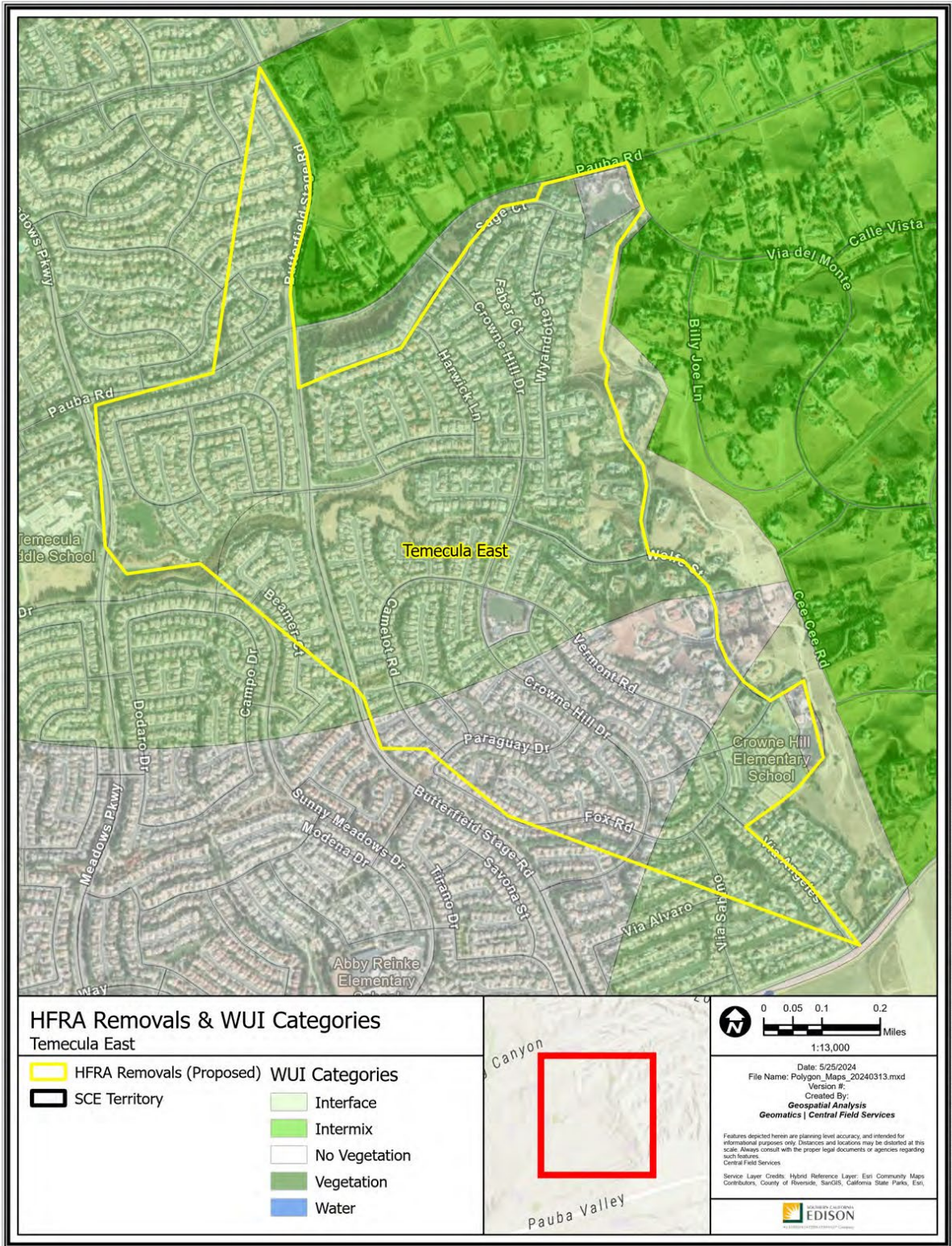
Date: 5/27/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

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Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, County of Riverside, SanGIS, California State Parks, Esri,

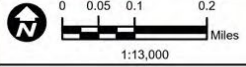


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HFRA Removals & WUI Categories
Temecula East

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



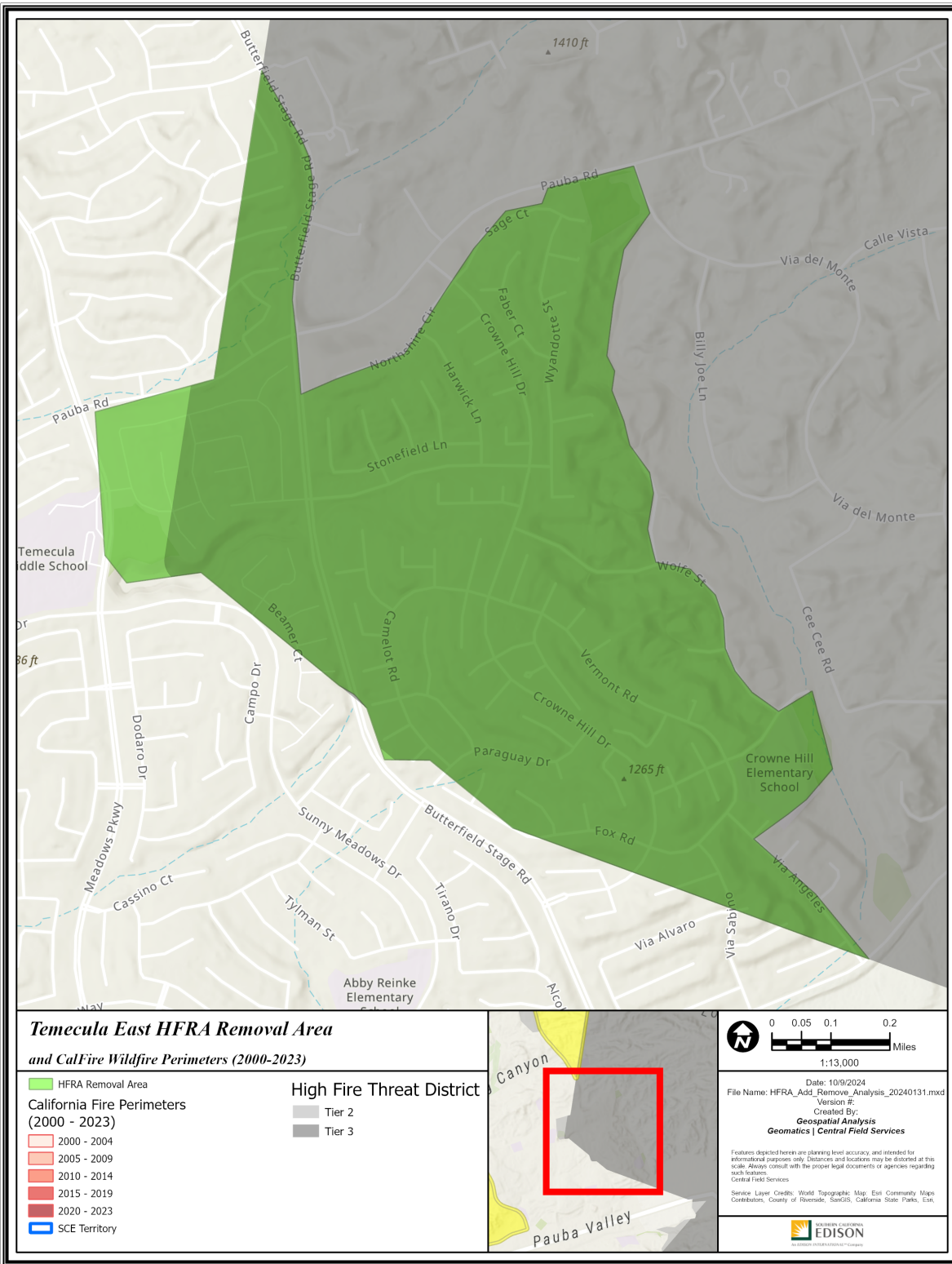
Date: 5/25/2024
 File Name: Polygon_Map_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

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



**Temecula East 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_Acct_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
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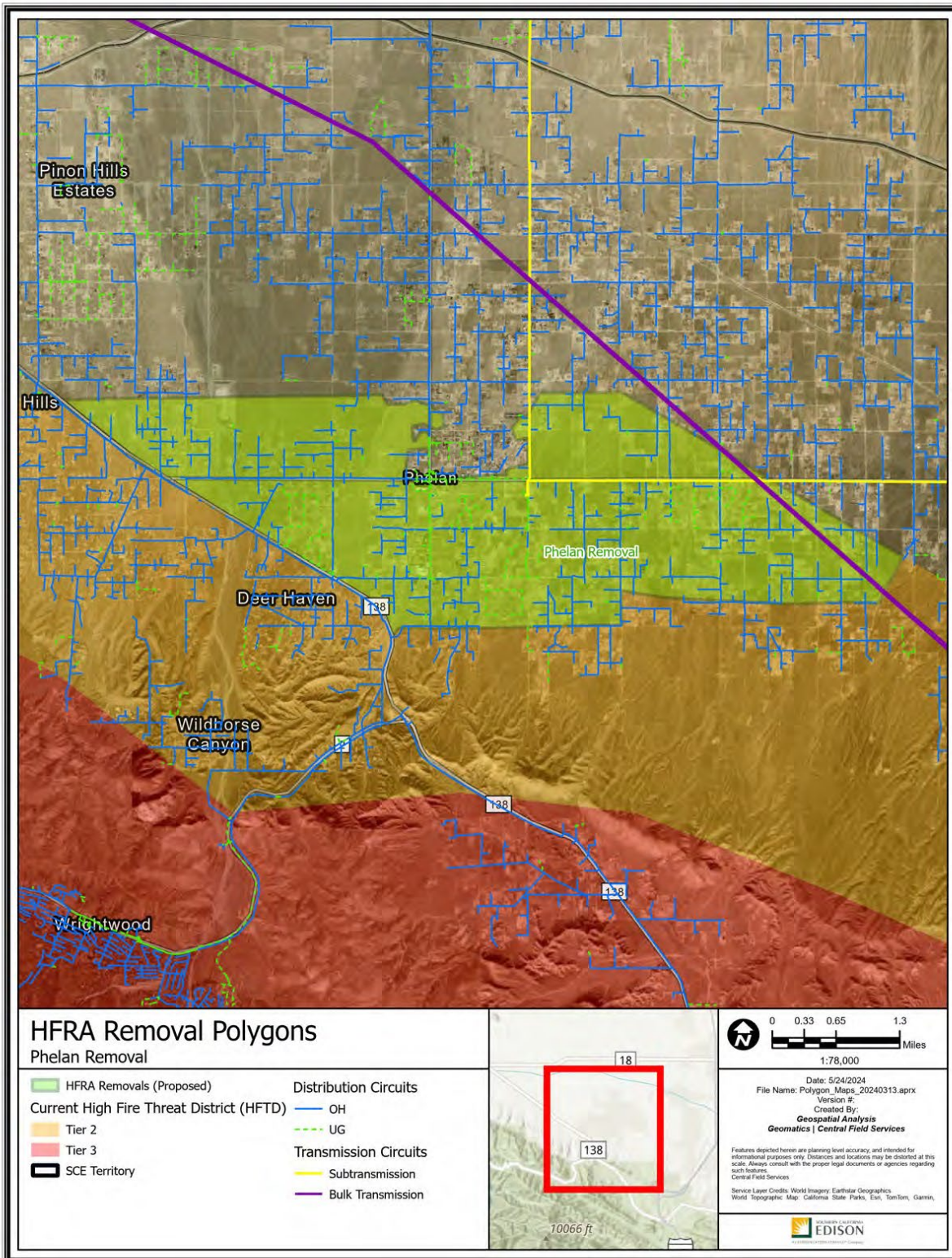
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Service Layer Credits: World Topographic Map, Esri Community Maps Contributors, County of Riverside, SanGIS, California State Parks, Esri.

Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Acct_Remove_Analysis_20240131.aprx

R16 – Phelan Removal

San Bernardino County
 -117.559649, 34.422137
 7,864 Acres



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

Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
81.5%	Moderate Load Dry Climate Grass Shrub
3.4%	Minor Roads Surrounded by Low Fire Behavior Fuel
3.0%	Bare Ground
3.0%	Scattered Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
69.3%	16.7%	11.2%	2.8%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
63.16	20.96	3.64	0	4.26	92.02

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%)
1,769	2.23°	4: High	34%

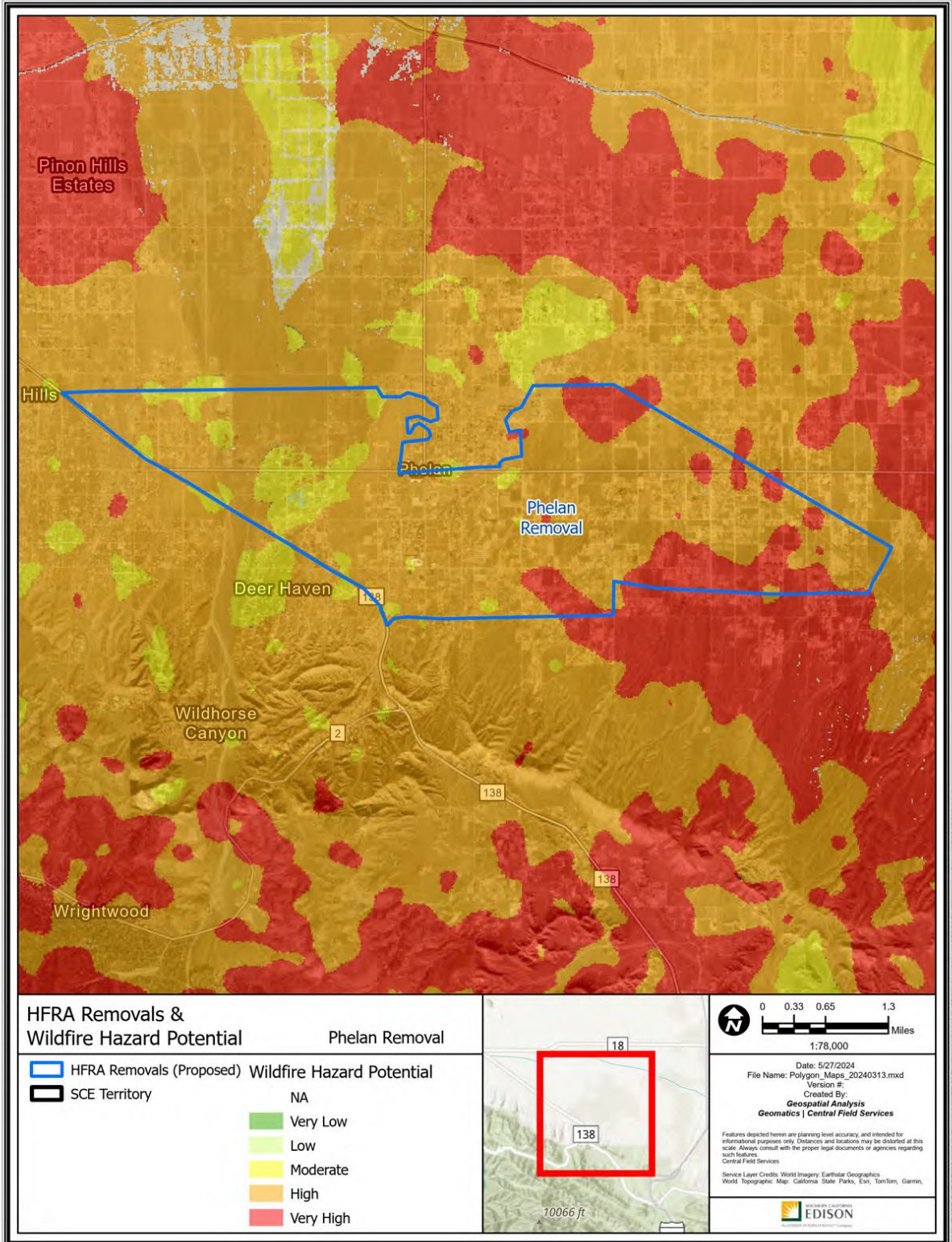
Recommendation:

SCE proposes to remove the Phelan Removal polygon from HFTD. The terrain in this polygon is flat, with numerous natural and man-made firebreaks. In particular:

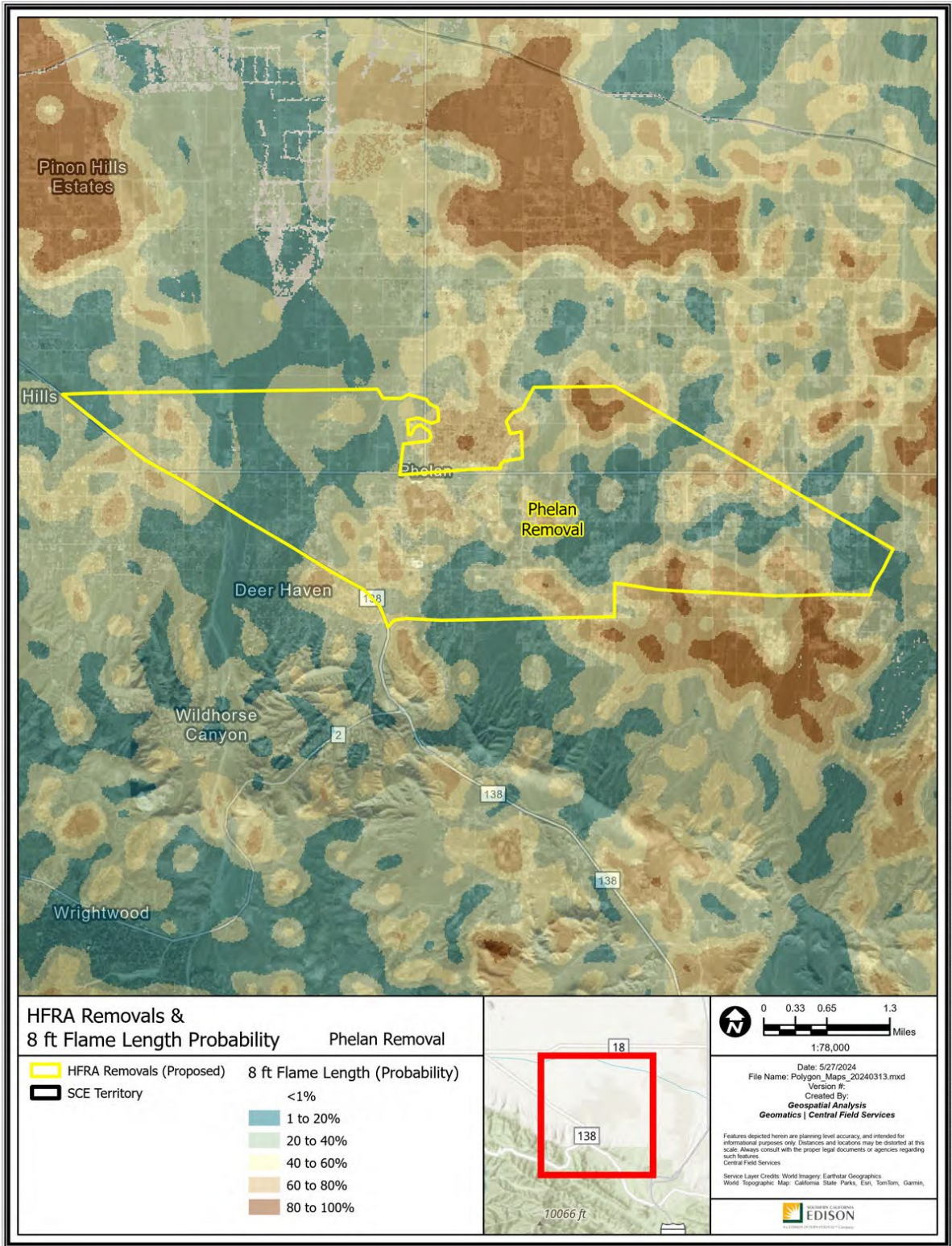
1. The boundary was drawn along roads to serve as firebreaks just before the terrain becomes more complex.
2. USFS classifies an area within this polygon as having High Wildfire Hazard Potential, but further analysis by SCE concluded that the combination of non-continuous vegetation, light grassy fuels, simple terrain, and numerous firebreaks more accurately aligns with a Low to Moderate Wildfire Hazard Potential.

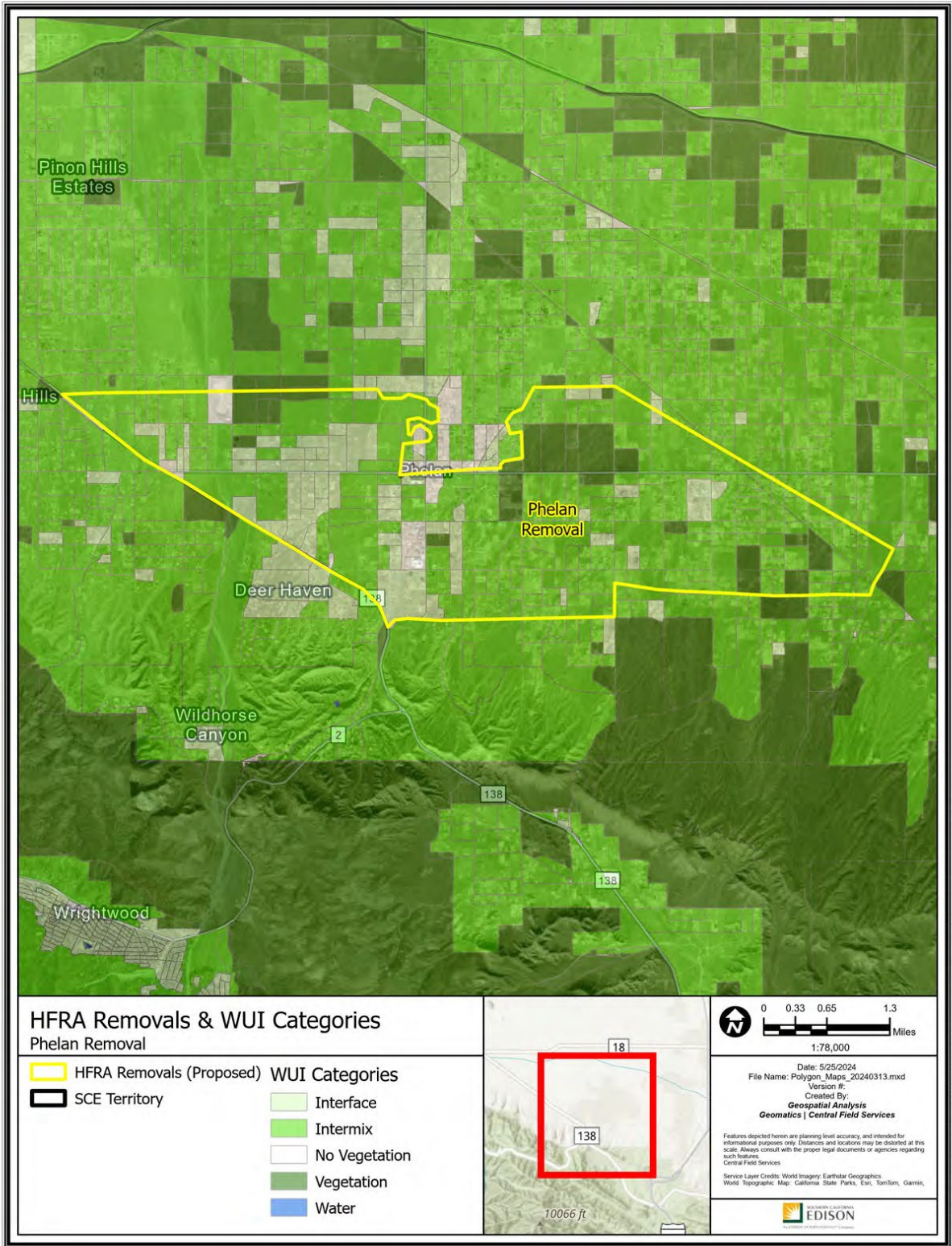


Figure 6 - Large firebreaks, non-continuous vegetation Google Street View 3/2023



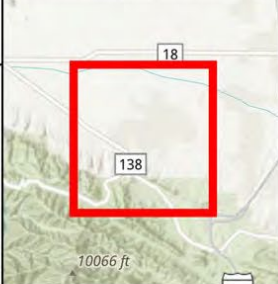
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HFRA Removals & WUI Categories
Phelan Removal

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



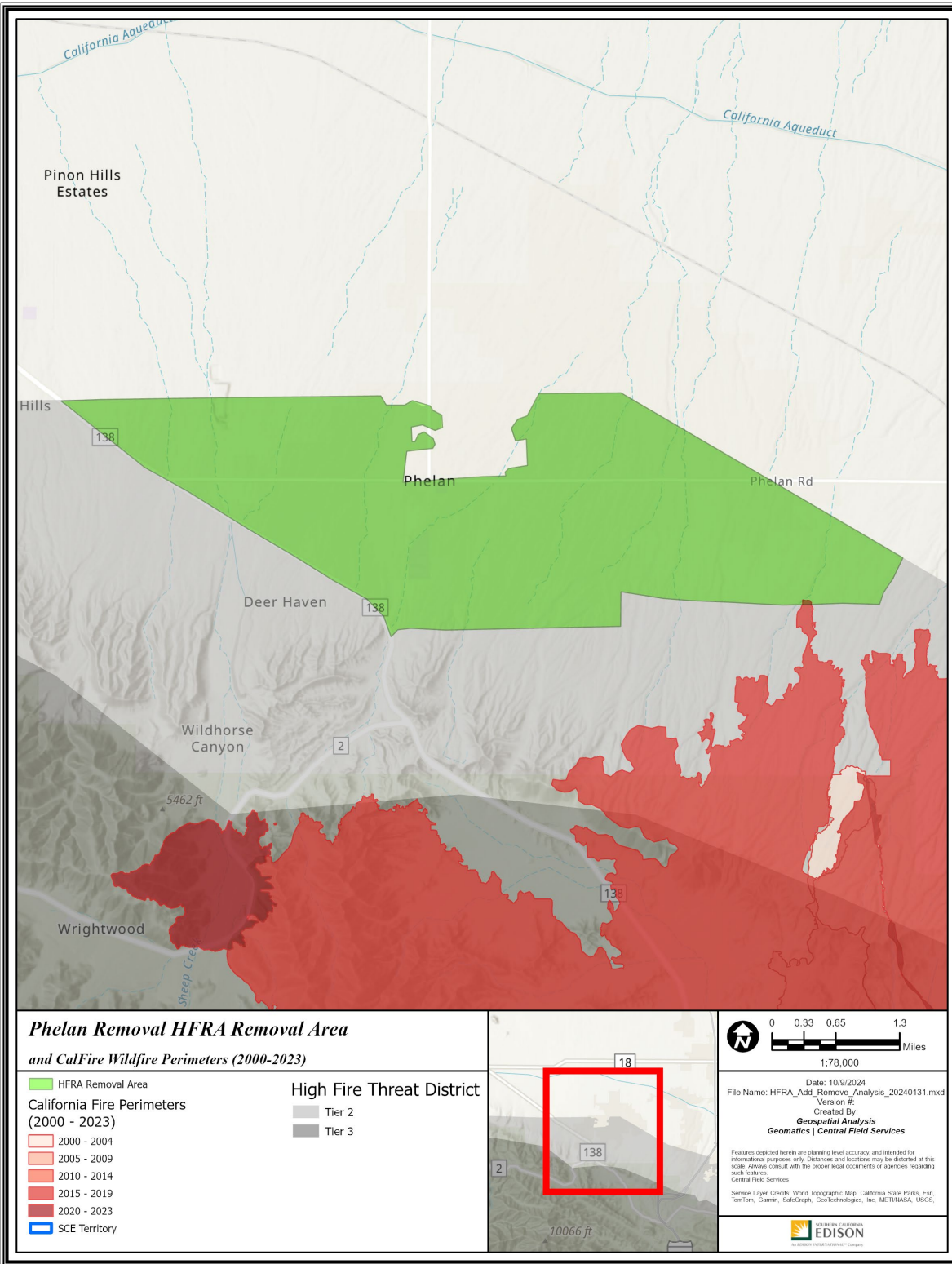
0 0.33 0.65 1.3
Miles
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Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
Created By:
Geospatial Analysis
Geomatics | Central Field Services

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Central Field Services

Service Layer Credits: World Imagery: Earthstar Geographics
World Topographic Map: California State Parks, Esri, TomTom, Garmin,

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

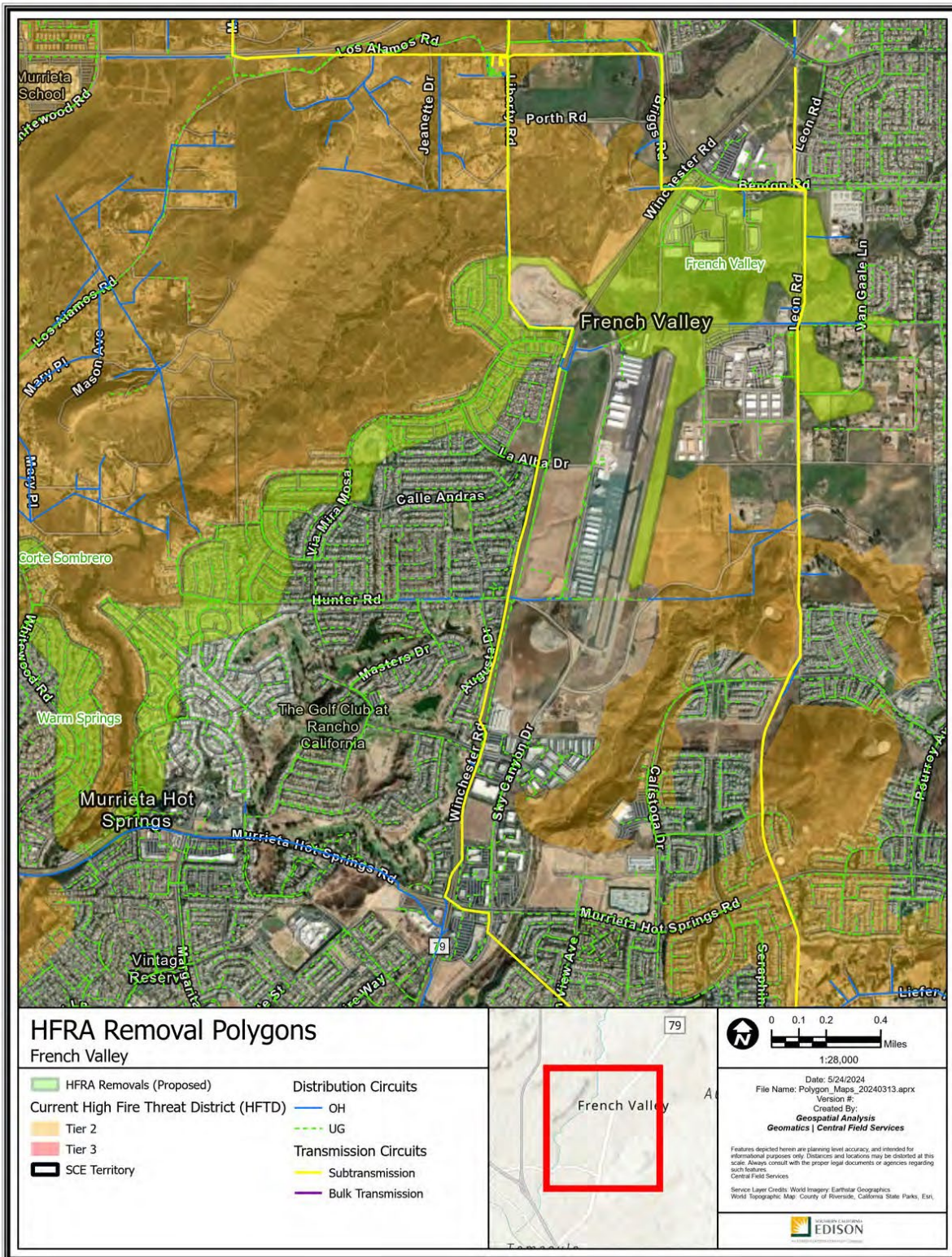


R17 – French Valley

Riverside County

-117.135621, 33.578914

675 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
28.6%	Moderate Load Dry Climate Grass Shrub
18.0%	Non Burnable Urban Areas
13.9%	Roads Surrounded by Non Burnable Fuels
10.5%	Agricultural High Load Fuels with Seasonal Changes of its Burnability

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
35.1%	39.1%	0.0%	25.8%	0.0%	100%

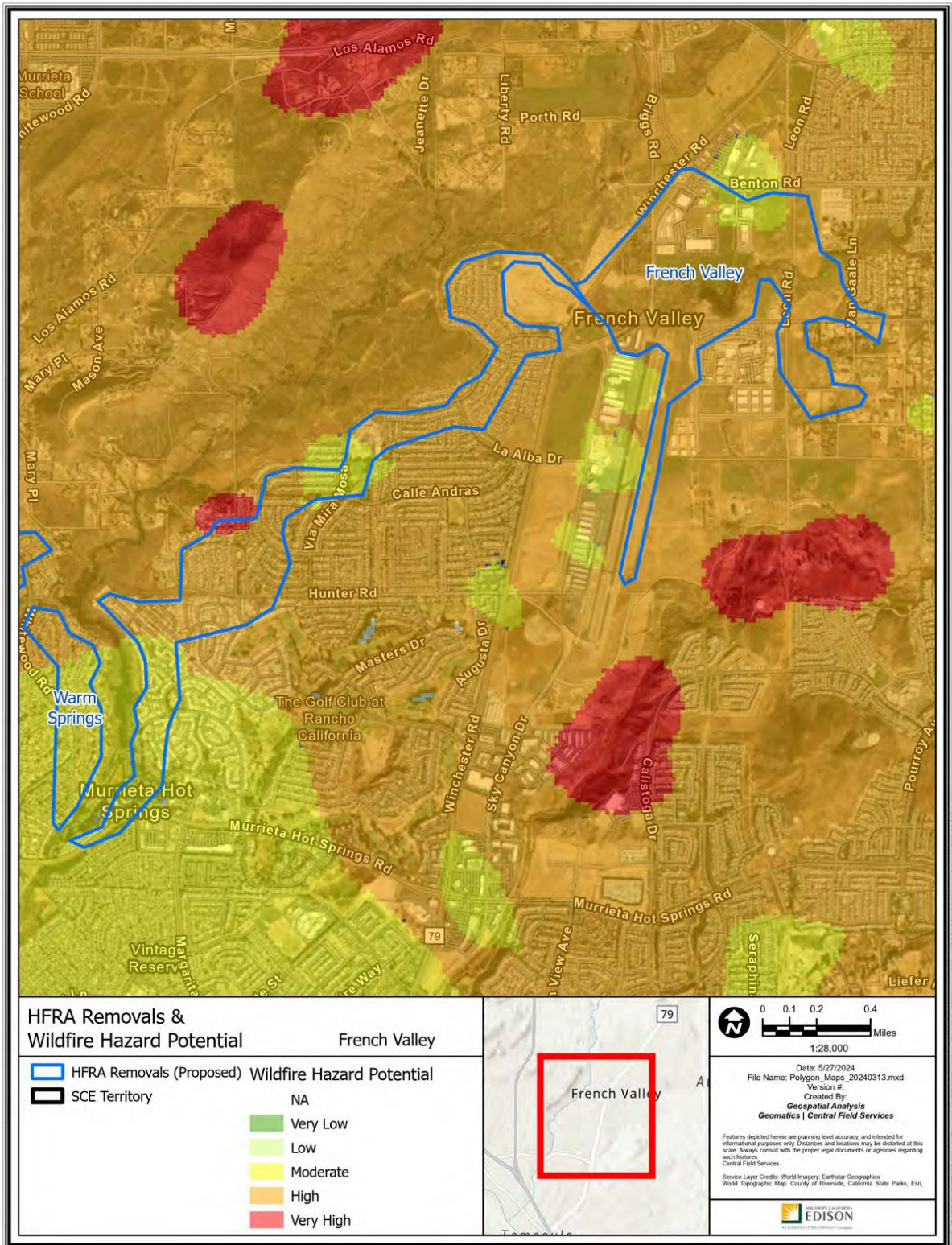
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
4.16	16.83	1.94	0	0	22.93

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%)
1,528	1.62°	4: High	7%

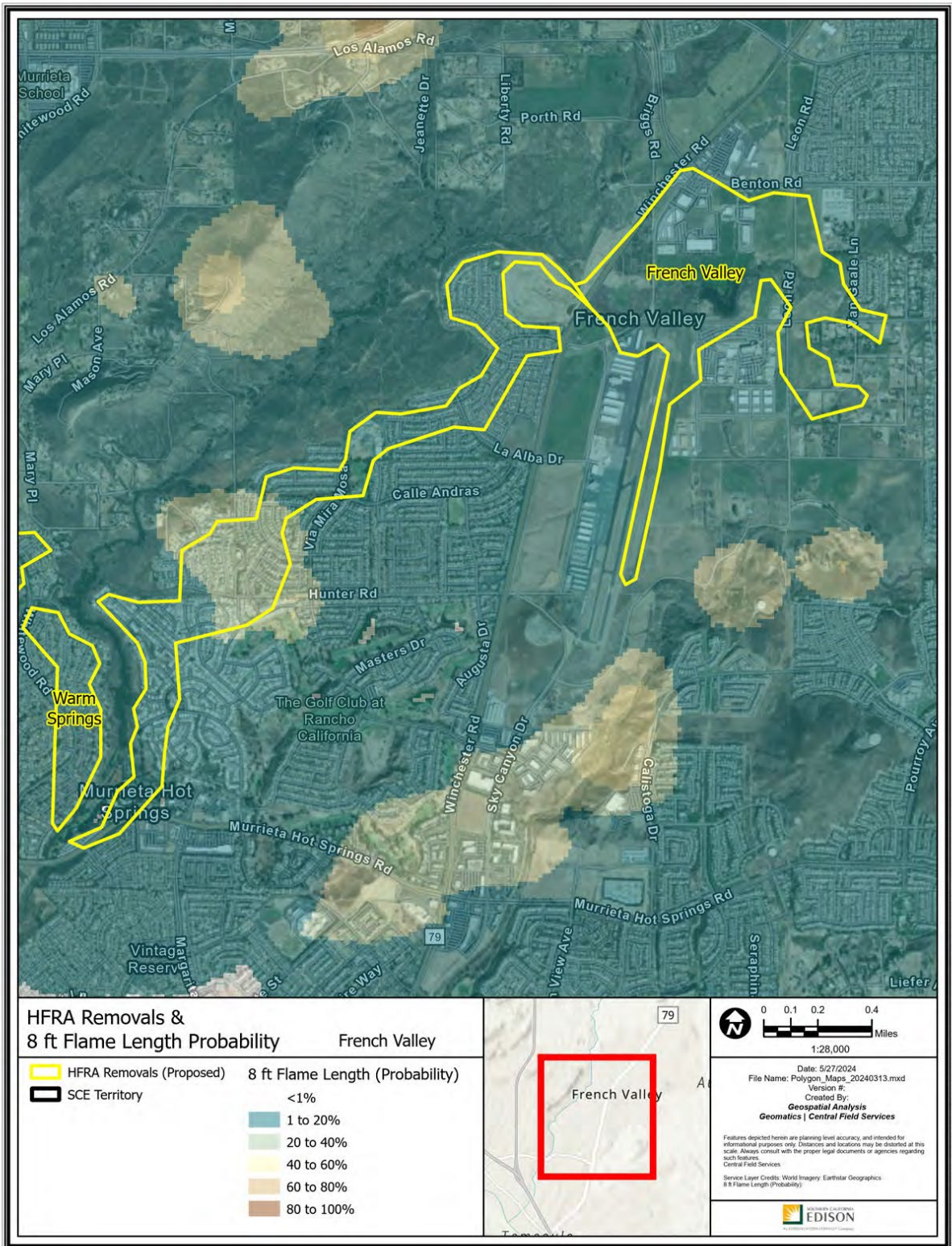
Recommendation:

SCE proposes to remove the French Valley polygon from HFTD. This removal will better align the HFTD with local characteristics because the polygon is consistent with adjacent urbanized non-HFTD. In particular:

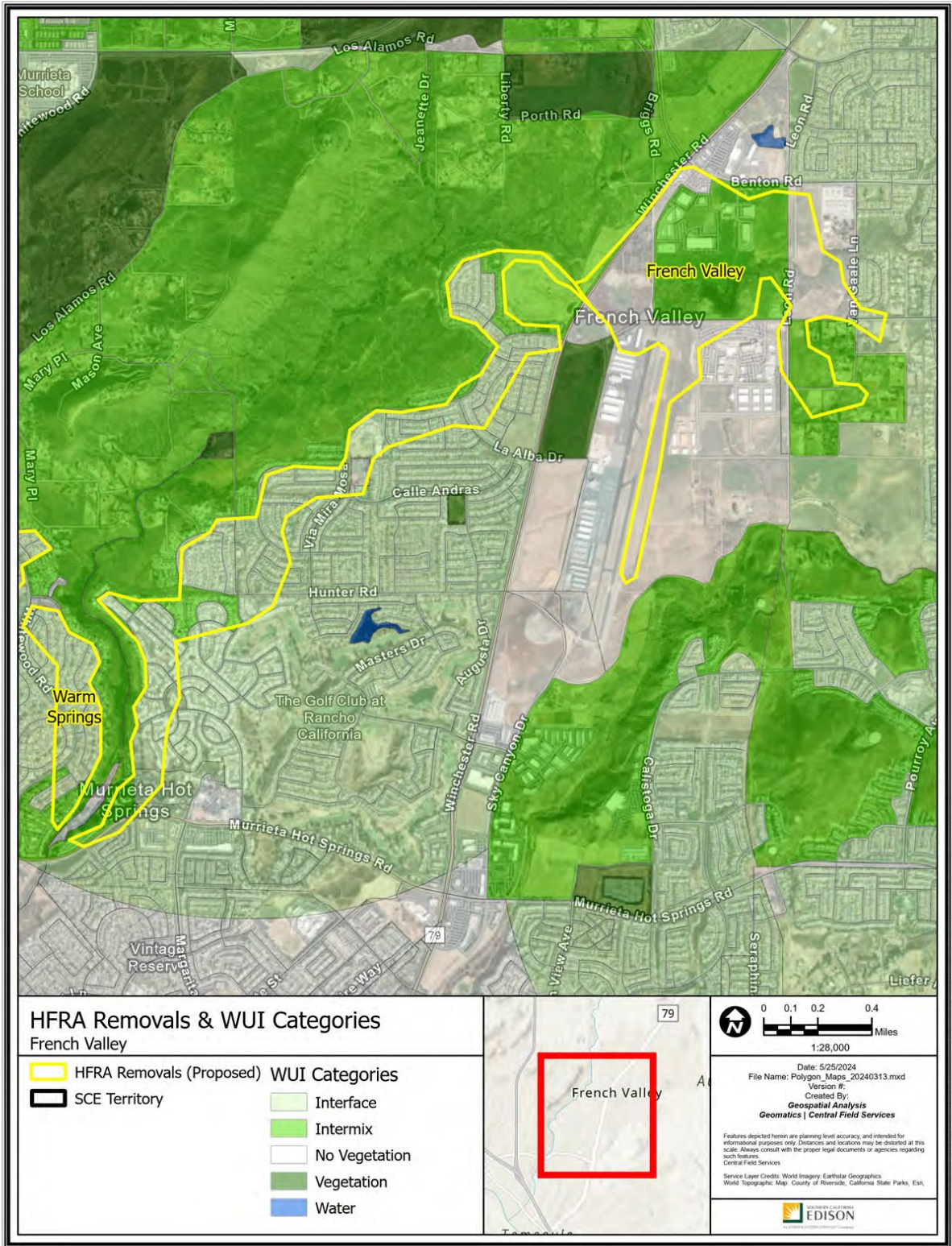
1. This polygon includes commercial properties such as a nursery and a regional airport.
2. The polygon does not match typical Wildland-Urban Interface characteristics and instead contains urban characteristics, including approximately 50% of fuels being non-burnable fuels.
3. The boundary was drawn along the nearest roads leading up to the ridge, removing dense urban areas.



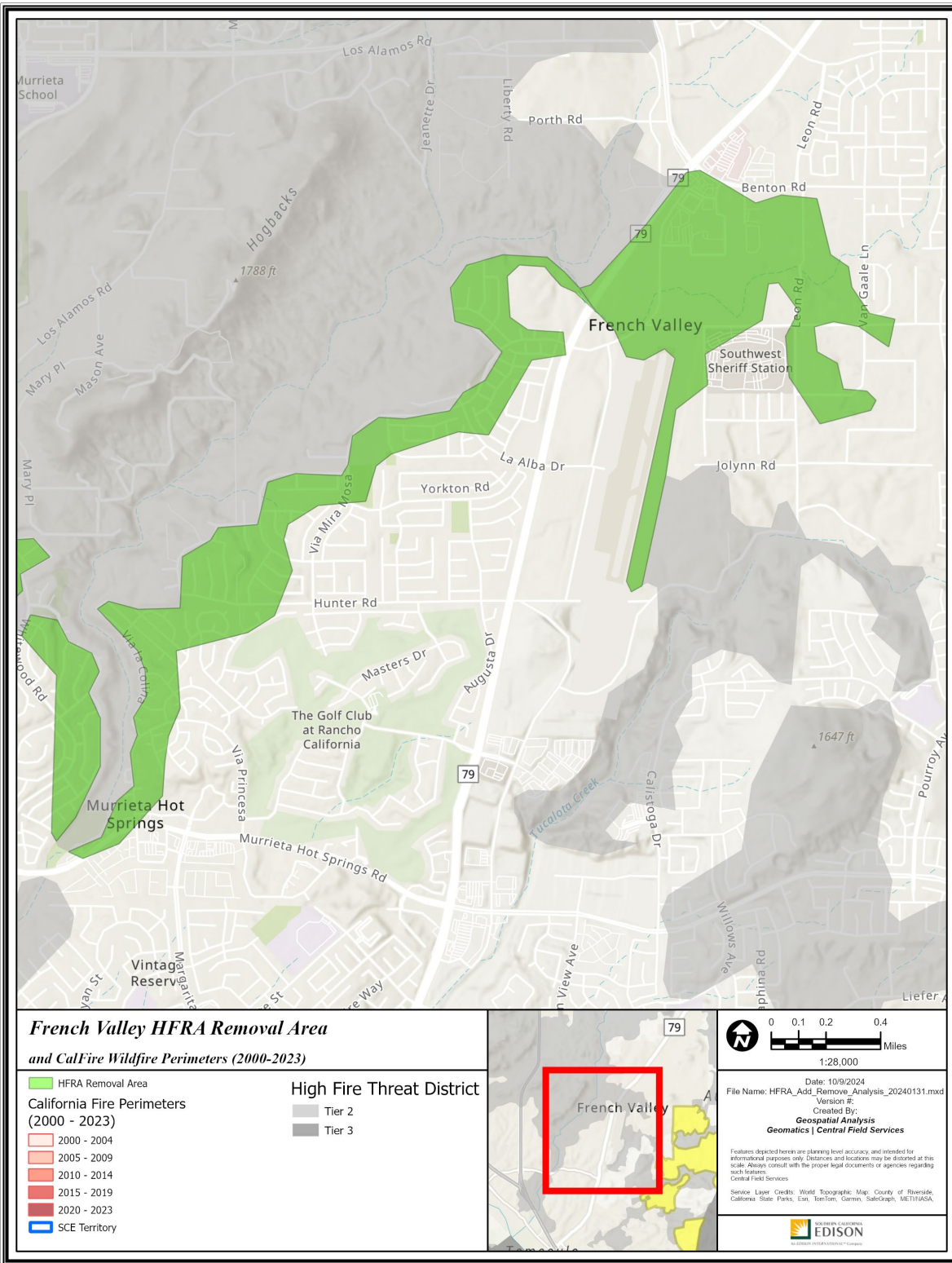
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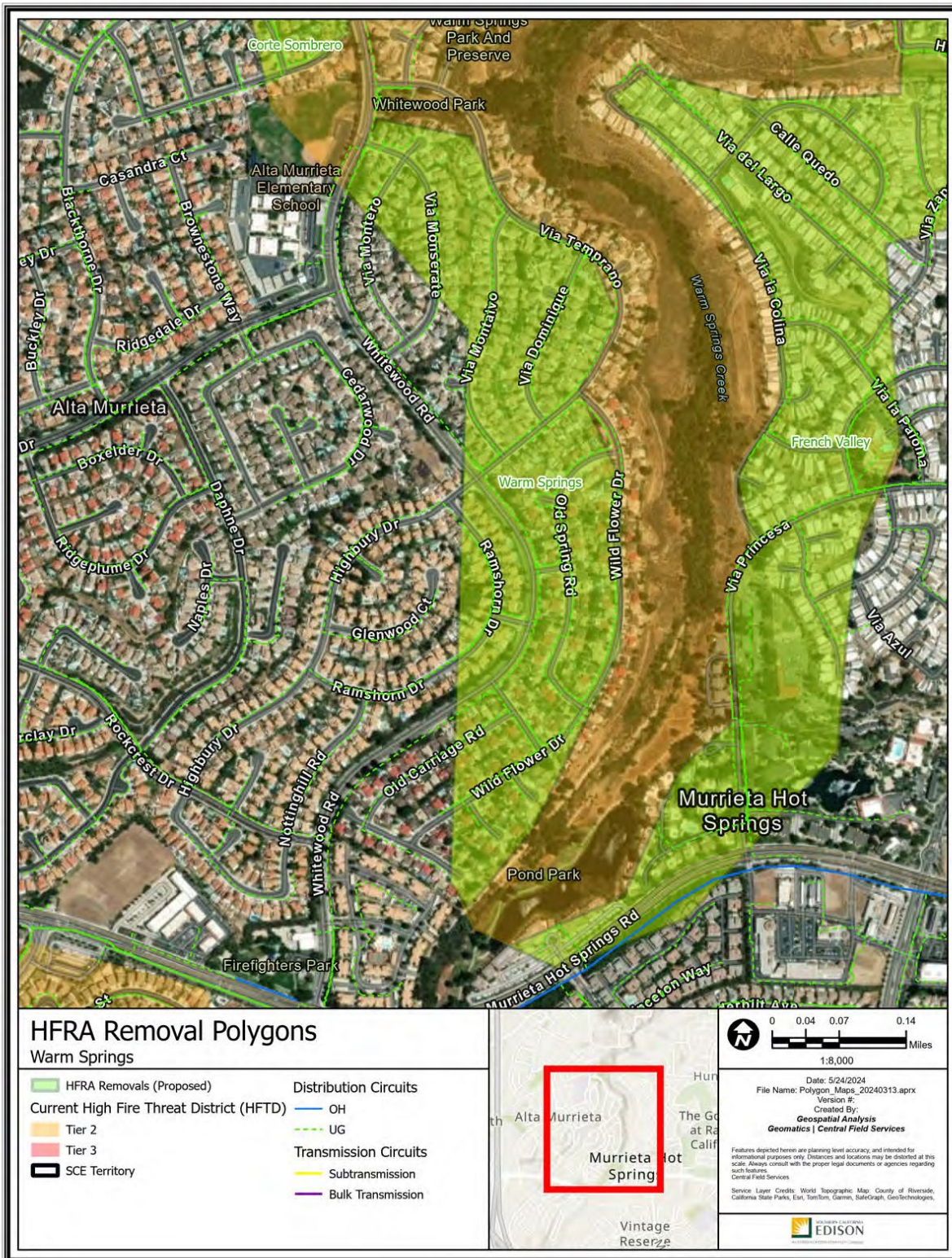
Path: P:\PROJECTS\Special_Projects\HFRA_Add_Remove_Analysis_20240131\HFRA_Add_Remove_Analysis_20240131.aprx

R18 – Warm Springs

Riverside County

-117.164516, 33.56256

73 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
54.5%	Non Burnable Urban Areas
31.1%	Roads Surrounded by Non Burnable Fuels
4.3%	Urban Core Surrounded by High FB Fuel
3.4%	Minor Roads Surrounded by Low Fire Behavior Fuel

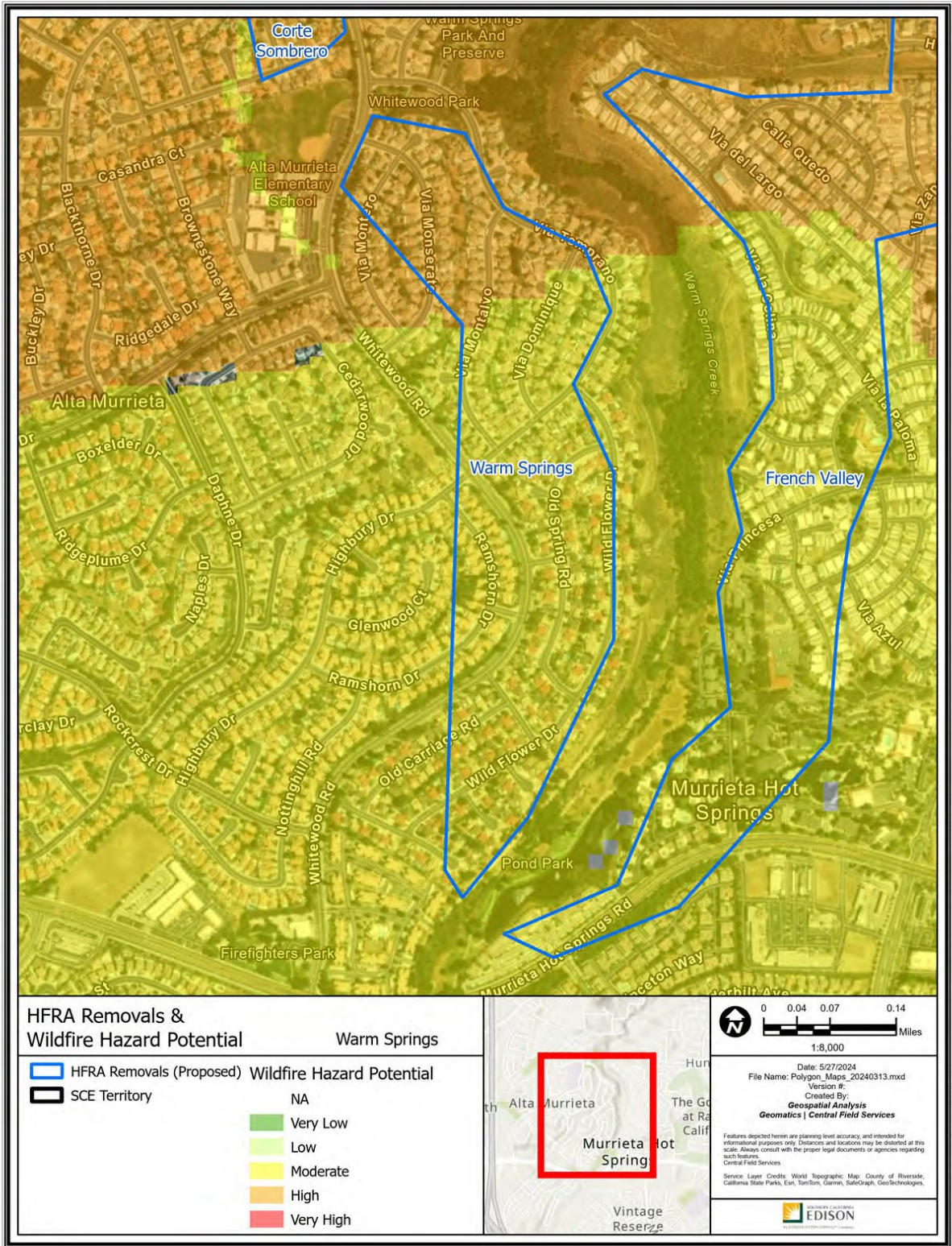
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
11.9%	87.6%	0.0%	0.5%	0.0%	100%

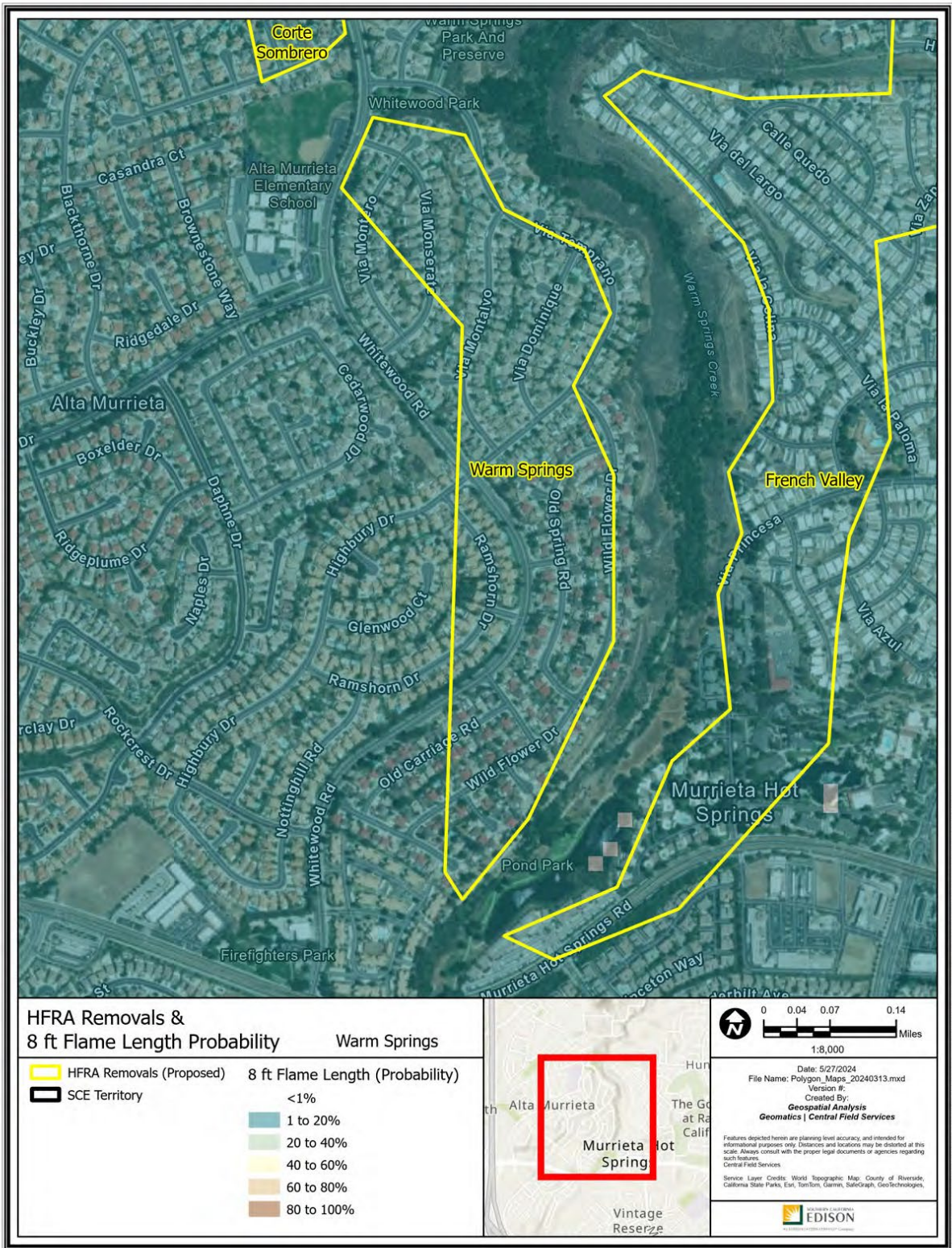
SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	3.33	0	0	0	3.33

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%)
280	4.09°	3: Moderate	4%

Recommendation:

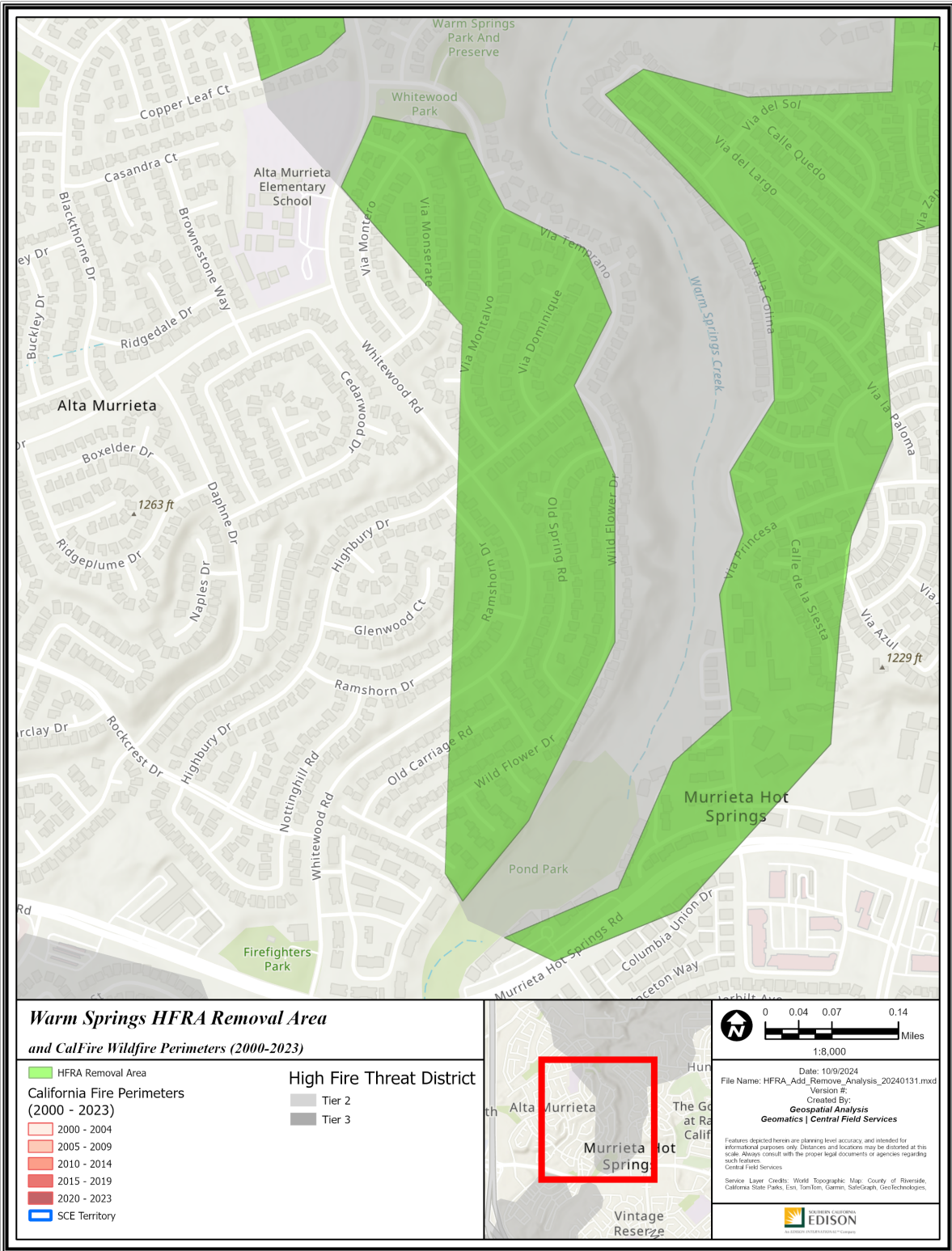
SCE proposes to remove the Warm Springs polygon from HFTD. While the central ravine and northern portion of the polygon is adjacent to HFTD Tier 2, the polygon is an urbanized area consistent with the immediately surrounding non-HFTD areas. SCE proposes to draw the HFTD boundary to the roads leading up to the ridge, using it as a firebreak.





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





**Warm 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

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 Central Field Services

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

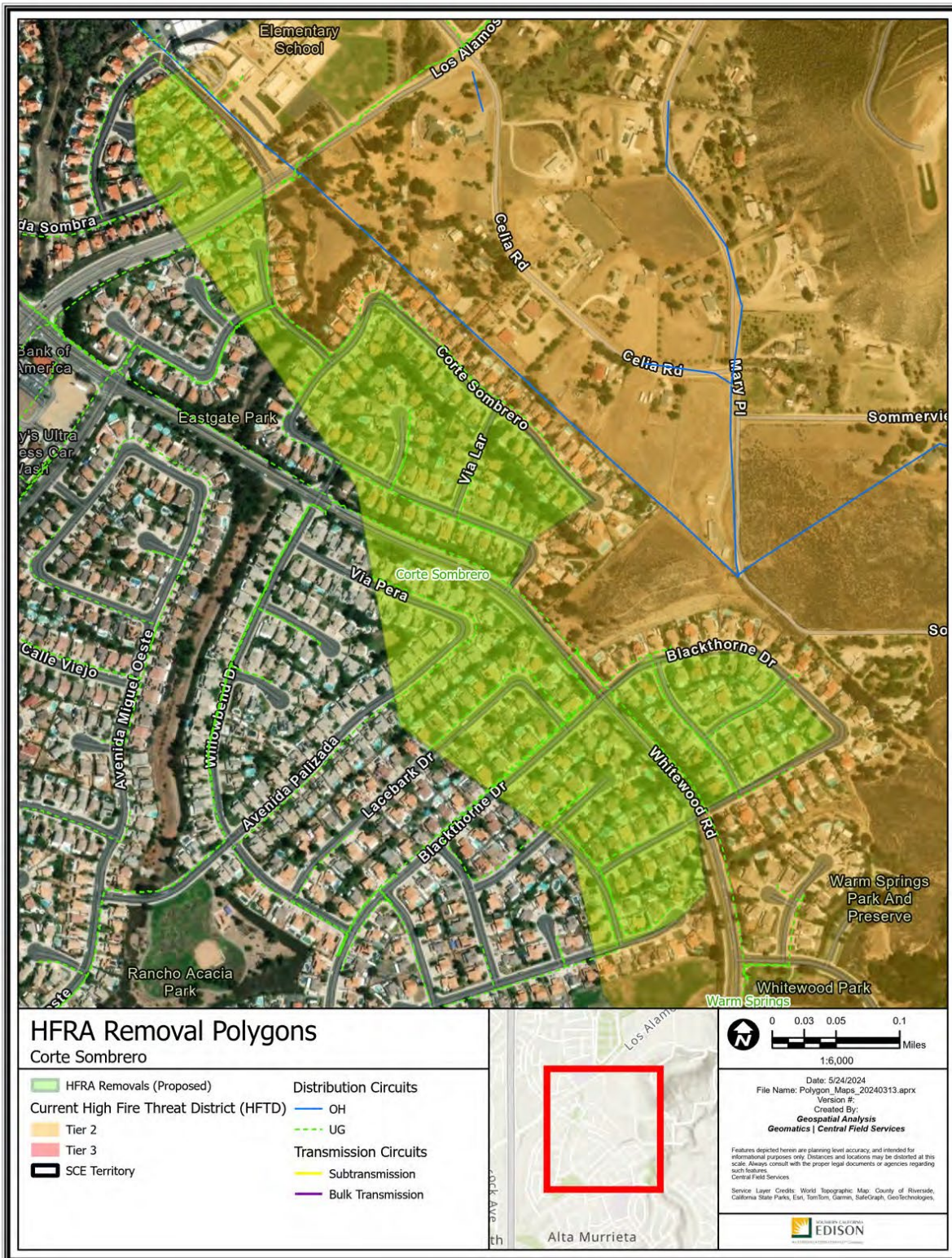
Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx

R19 – Corte Sombbrero

Riverside County

-117.170515, 33.572991

60 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
45.9%	Non Burnable Urban Areas
40.3%	Roads Surrounded by Non Burnable Fuels
5.1%	Minor Roads Surrounded by Low Fire Behavior Fuel
4.6%	Urban Core Surrounded by Low Fire Behavior Fuel

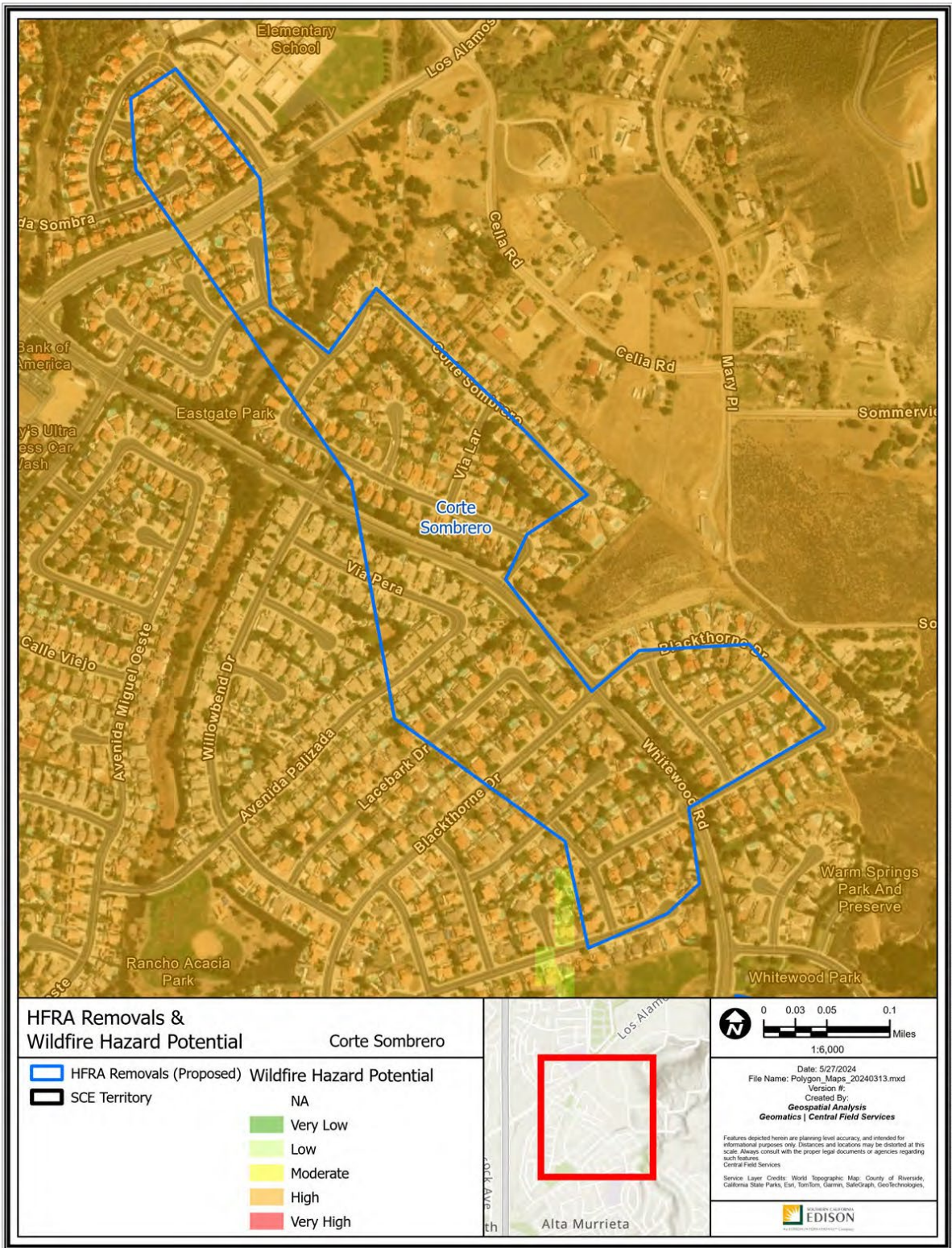
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
11.7%	88.3%	0.0%	0.0%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	2.5	0	0	0	2.5

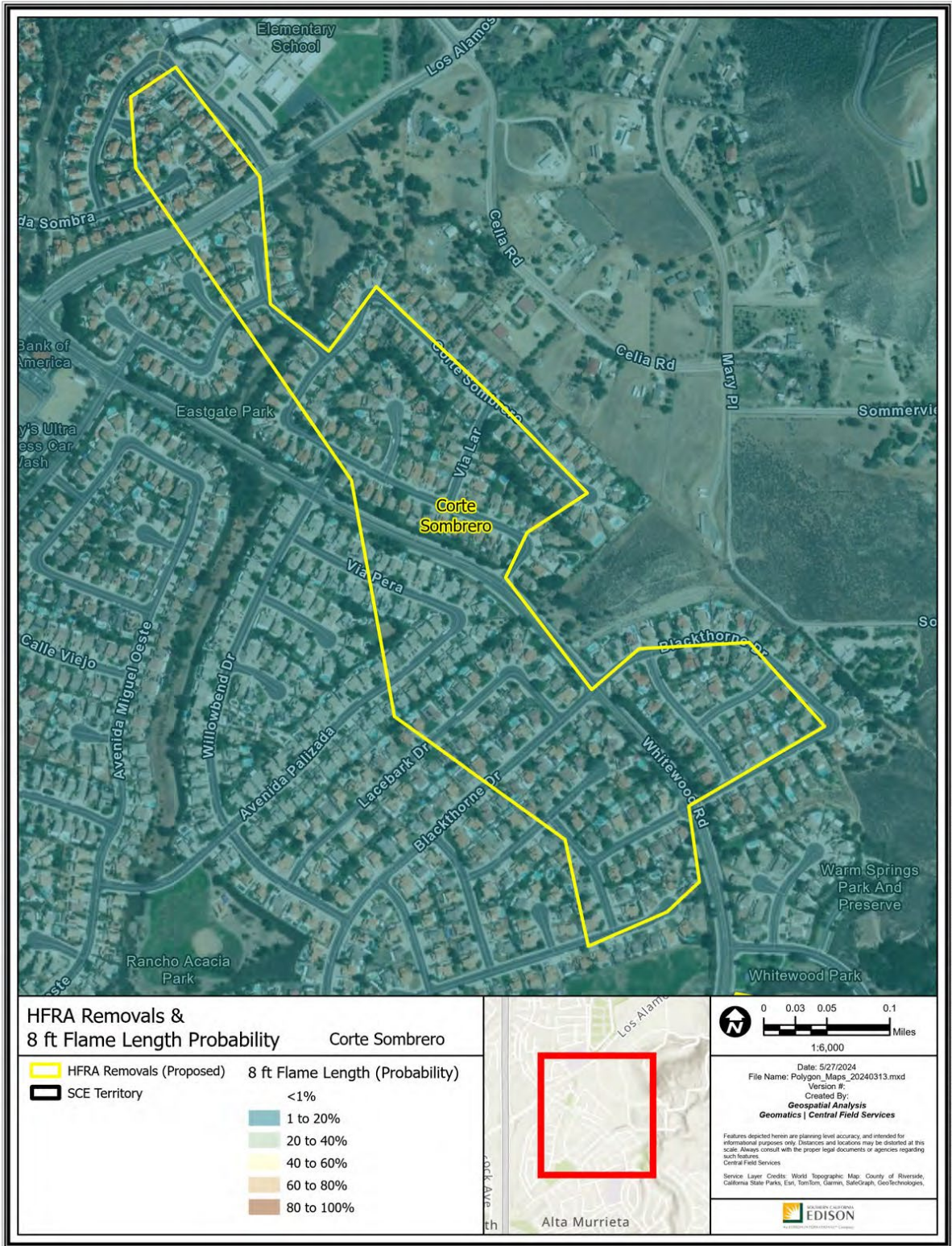
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
258	2.08°	4: High	9%

Recommendation:

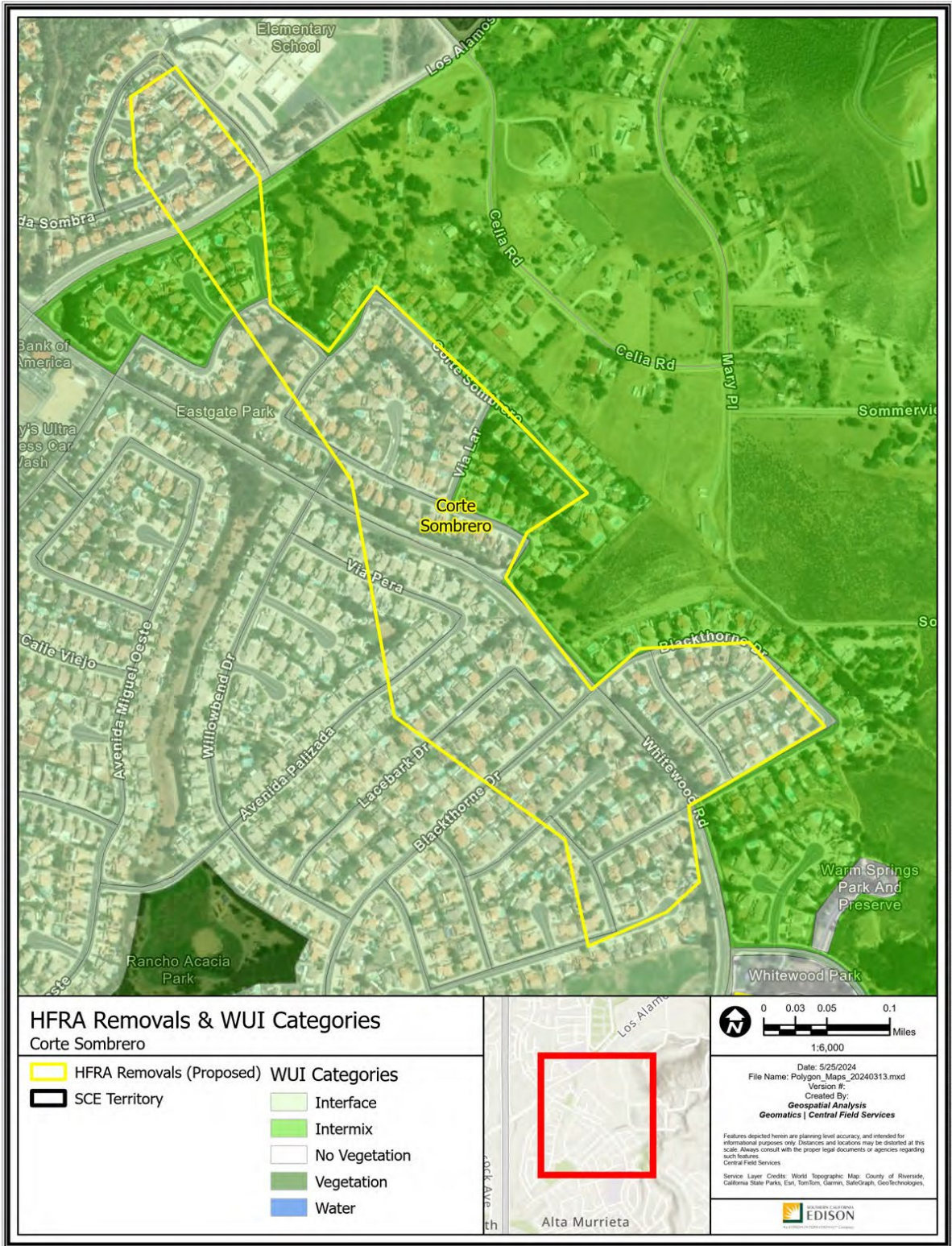
SCE proposes to remove the Corte Sombrero polygon from HFTD. While a portion of the polygon is adjacent to HFTD Tier 2, the polygon is an urbanized area consistent with the immediately surrounding non-HFTD areas. SCE proposes to draw the HFTD boundary to the roads leading up to the ridge, using it as a firebreak.



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

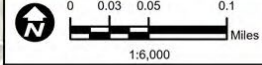


Path: P:\PROJECTS\Special_Projects\HFRA_Revision_Analysis\Polygon_Maps_20240313\Polygon_Maps_20240313.aprx



HFRA Removals & WUI Categories
Corte Sombbrero

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



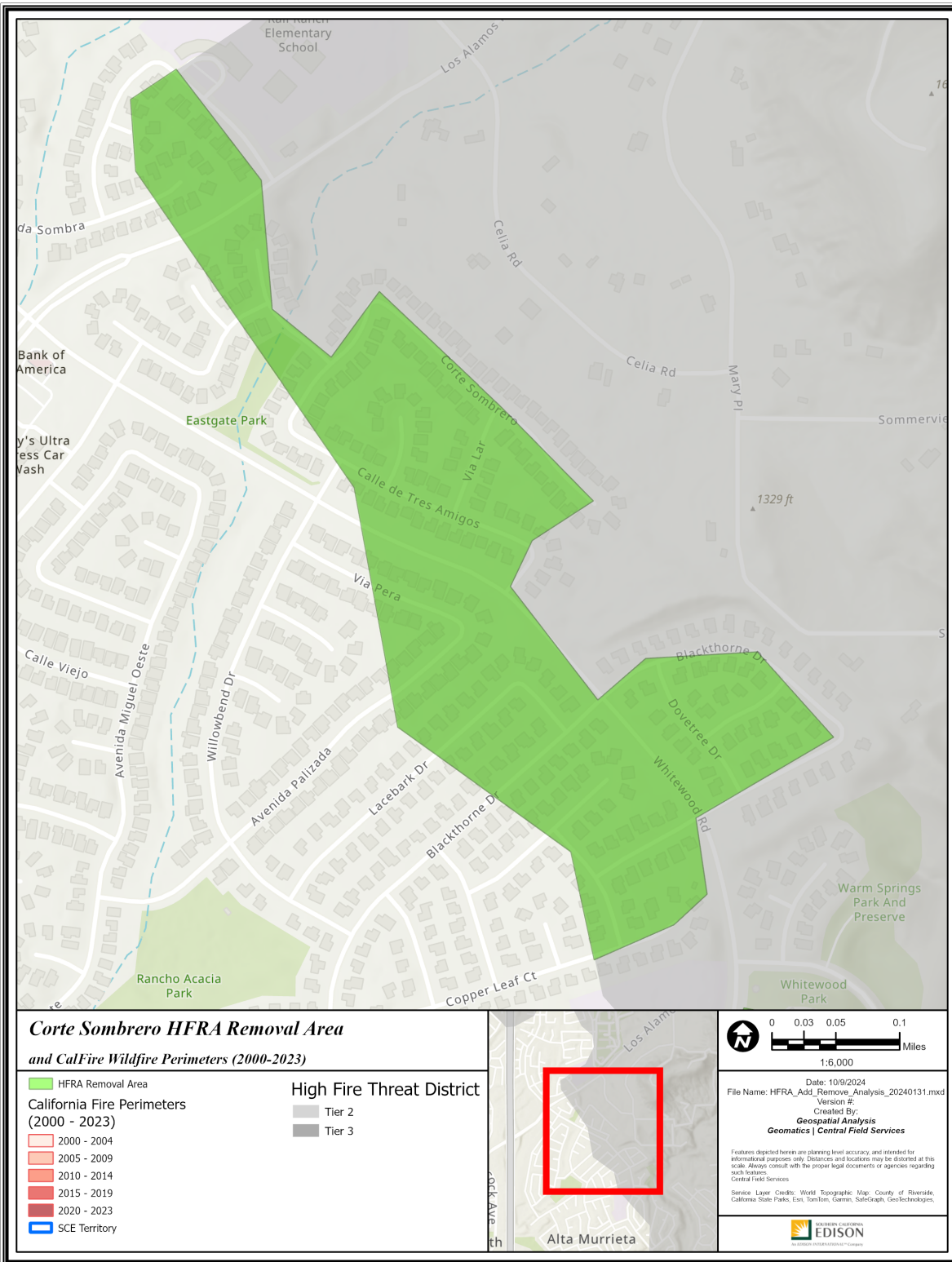
Date: 5/25/2024
 File Name: Polygon_Map_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

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

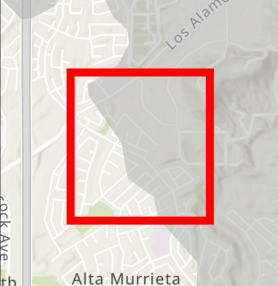


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



**Corte Sombbrero 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 | |



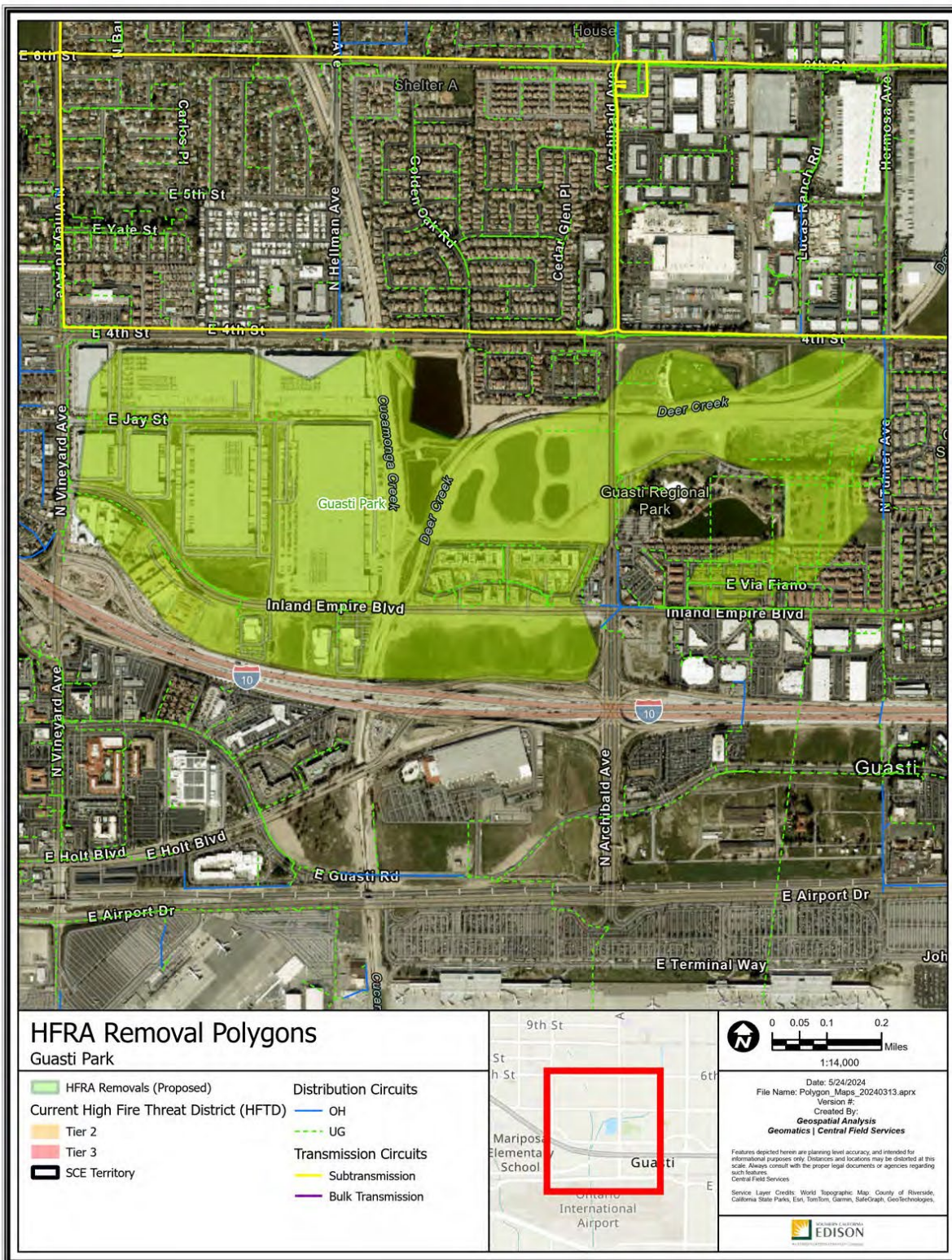
Date: 10/9/2024
 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #:
 Created By:
Geospatial Analysis
Geomatics | Central Field Services

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

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

R20 – Guasti Park

San Bernardino County
 -117.598822, 34.073093
 397 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
34.3%	Bare Ground
18.7%	Low Load Dry Climate Grass Shrub
16.3%	Moderate Load Dry Climate Grass Shrub
9.2%	Low Load Dry Climate Grass

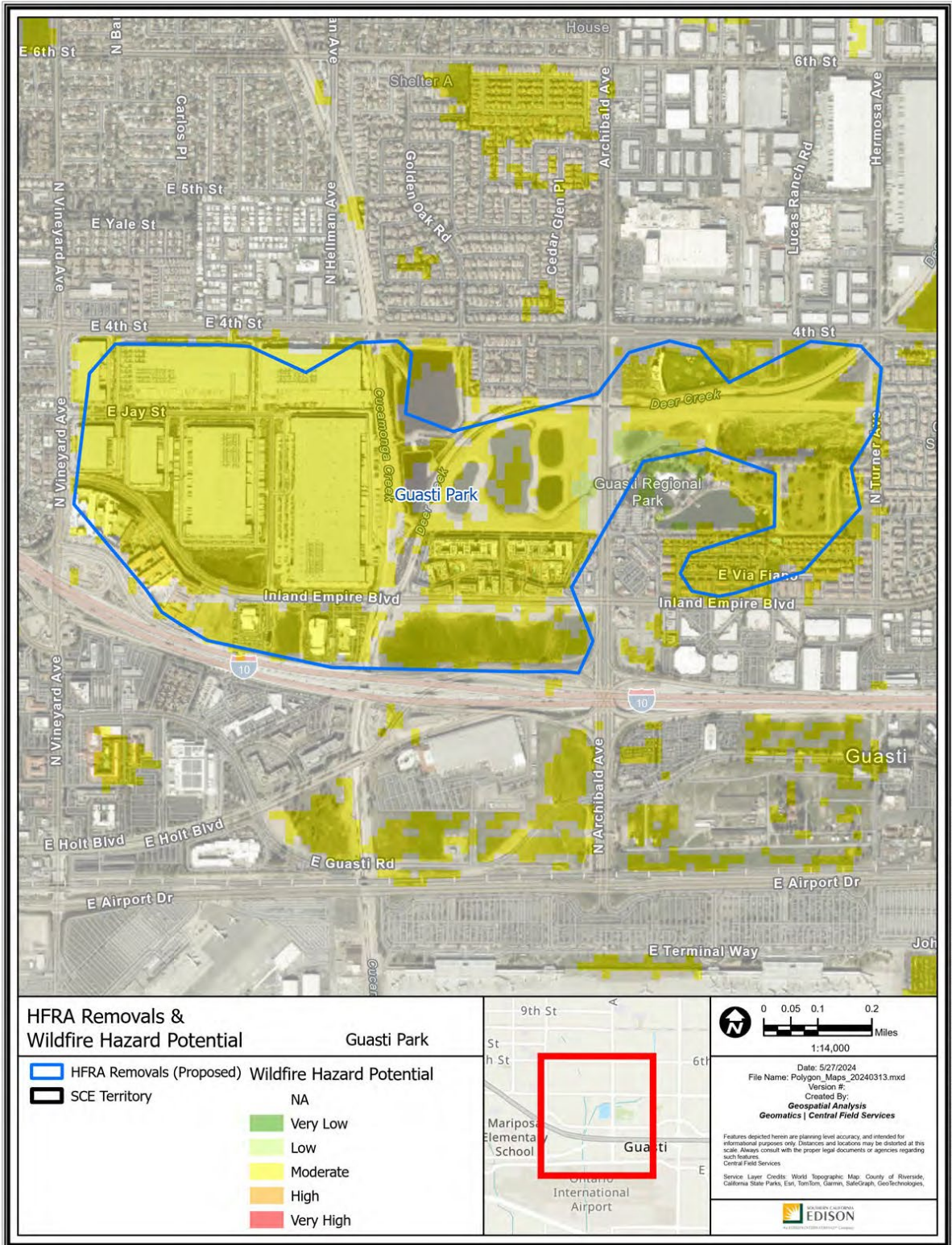
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	0.0%	0.0%	98.5%	1.5%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.39	5.5	0	0	0	5.89

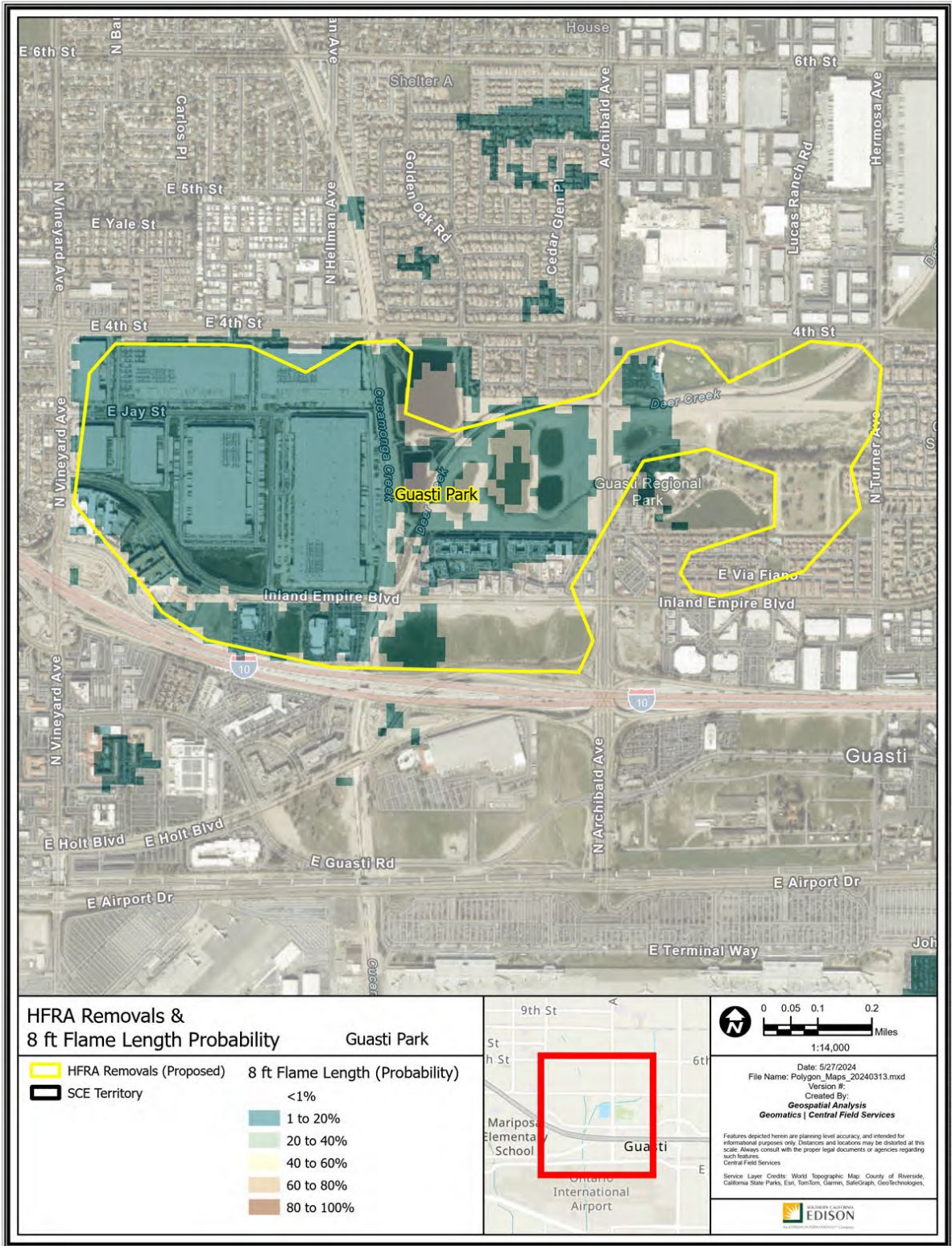
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
1,013	0.95°	3: Moderate	2%

Recommendation:

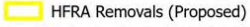
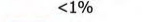

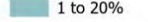
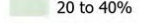
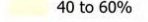
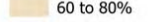
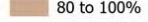

SCE proposes to remove the Guasti Park polygon from HFTD. The polygon is surrounded by similar non-HFTD areas and has been largely developed with commercial buildings and graded for new residential communities. The polygon also includes Guasti Regional Park, which is maintained and irrigated with fishing lakes.




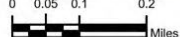
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HFRA Removals & 8 ft Flame Length Probability

 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%







 1:14,000

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

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 Central Field Services

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HFRA Removals & WUI Categories
Guasti Park

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



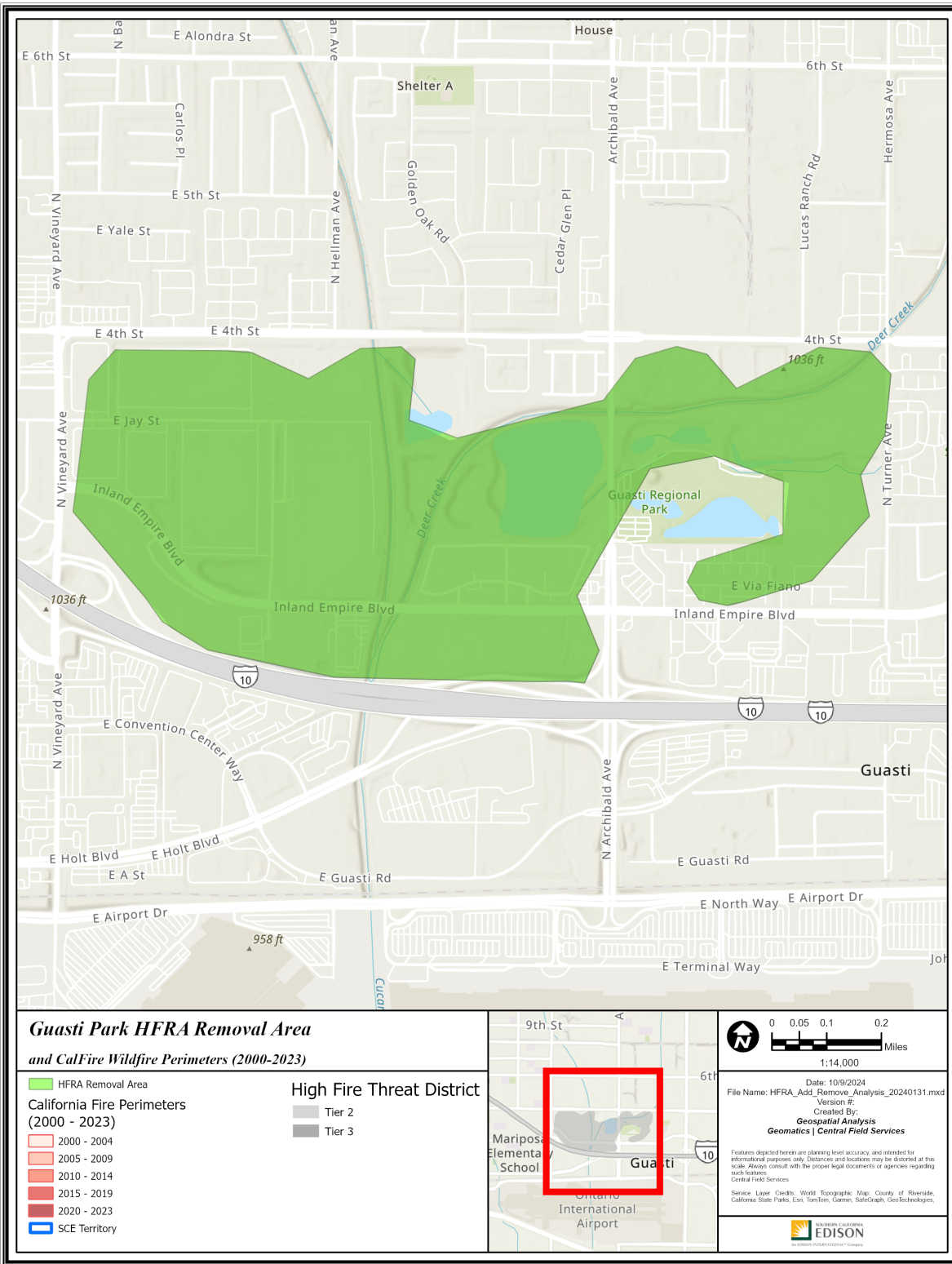
0 0.05 0.1 0.2 Miles
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Date: 5/25/2024
File Name: Polygon_Map_20240313.mxd
Version #:
Created By: **Geospatial Analysis**
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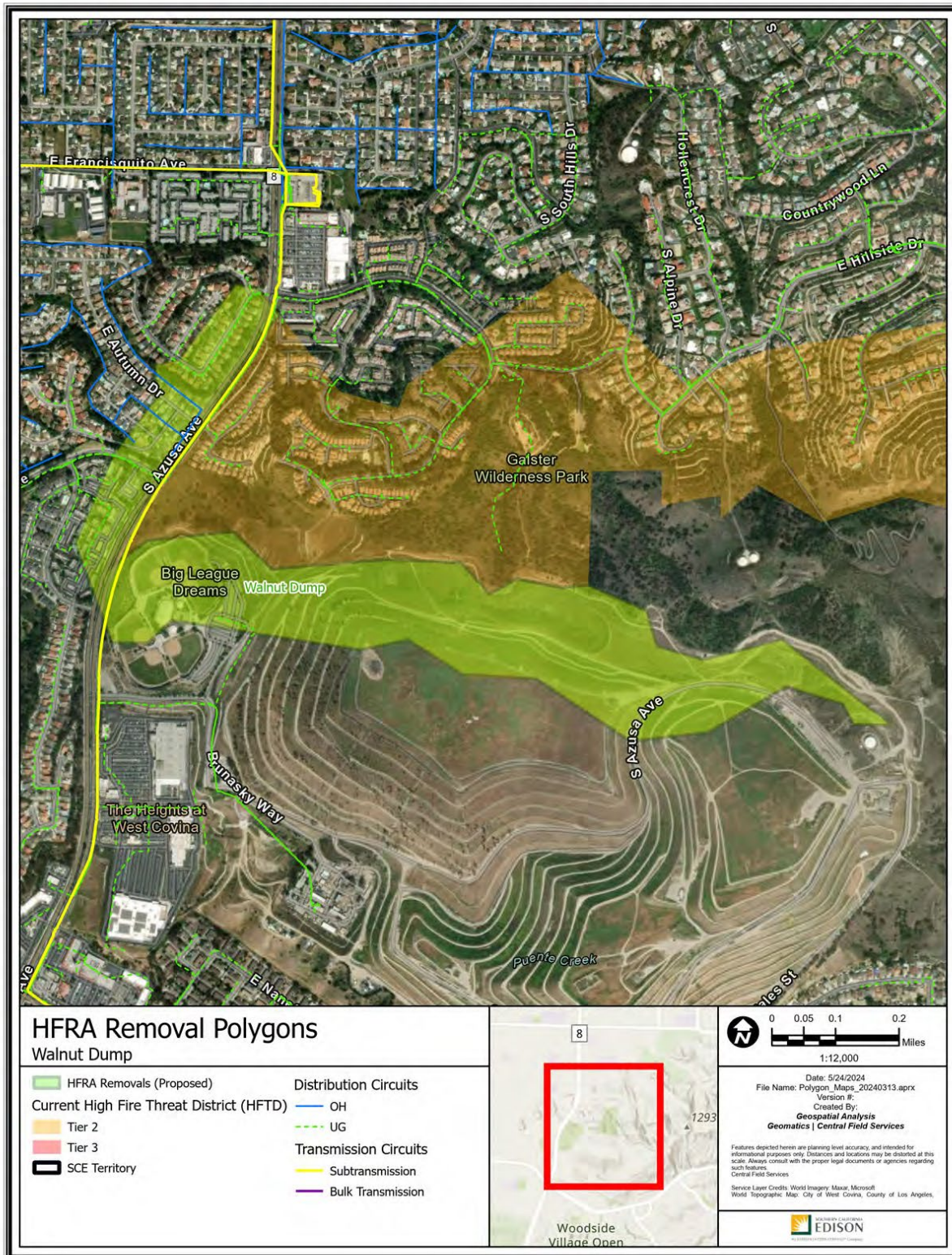
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Path: P:\PROJECTS\Special_Projects\HFRA_Remove_Analysis\HFRA_Add_Remove_Analysis_20240131.aprx
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 File Name: HFRA_Add_Remove_Analysis_20240131.mxd
 Version #: 1
 Created By: Geospatial Analysis
 Geomatics | Central Field Services
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 Service Layer Credits: World Topographic Map, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, Geotechnologies.

R21 – Walnut Dump

Los Angeles County
 -117.904536, 34.04067
 129 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
66.6%	Moderate Load Dry Climate Grass Shrub
8.5%	Urban Core Surrounded by Low Fire Behavior Fuel
8.3%	Minor Roads Surrounded by Low Fire Behavior Fuel
5.2%	Low Load Dry Climate Grass

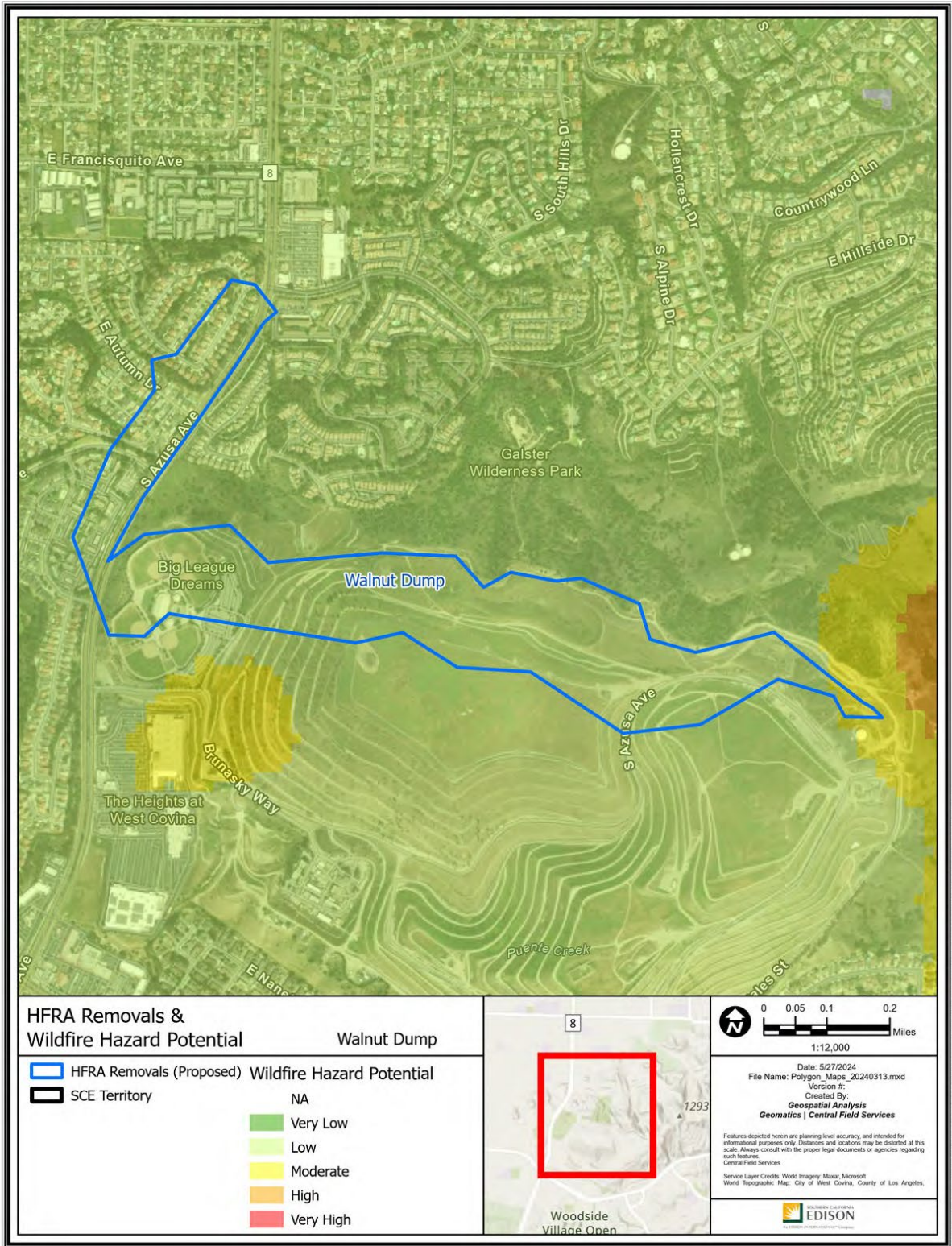
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
77.6%	0.0%	0.9%	21.4%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.27	1.33	0	0.3	0	1.9

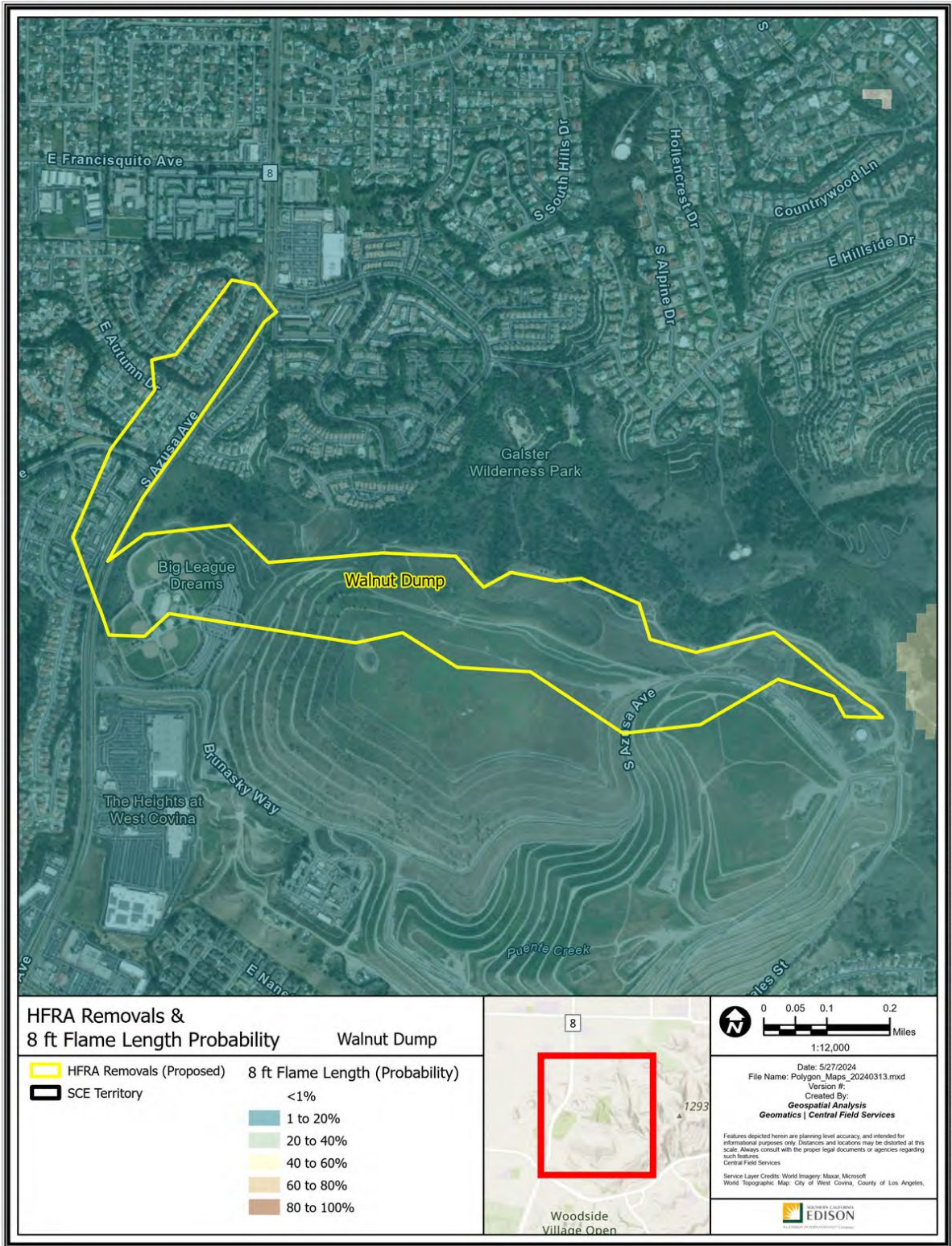
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
53	5.06°	2: Low	2%

Recommendation:

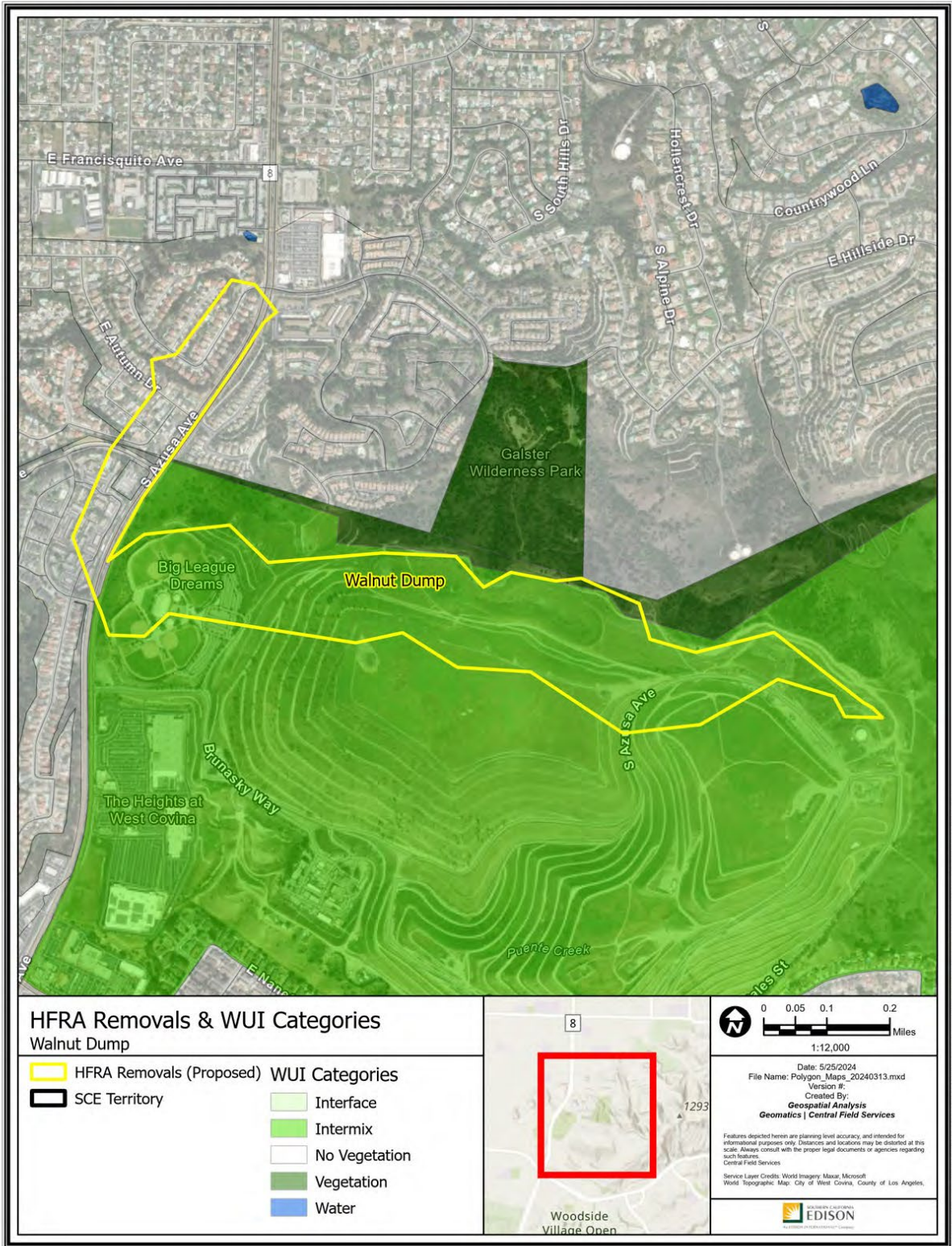
SCE proposes to remove the Walnut Dump polygon from HFTD. This polygon includes a terraced landfill characterized by minimal combustible materials and baseball fields.



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



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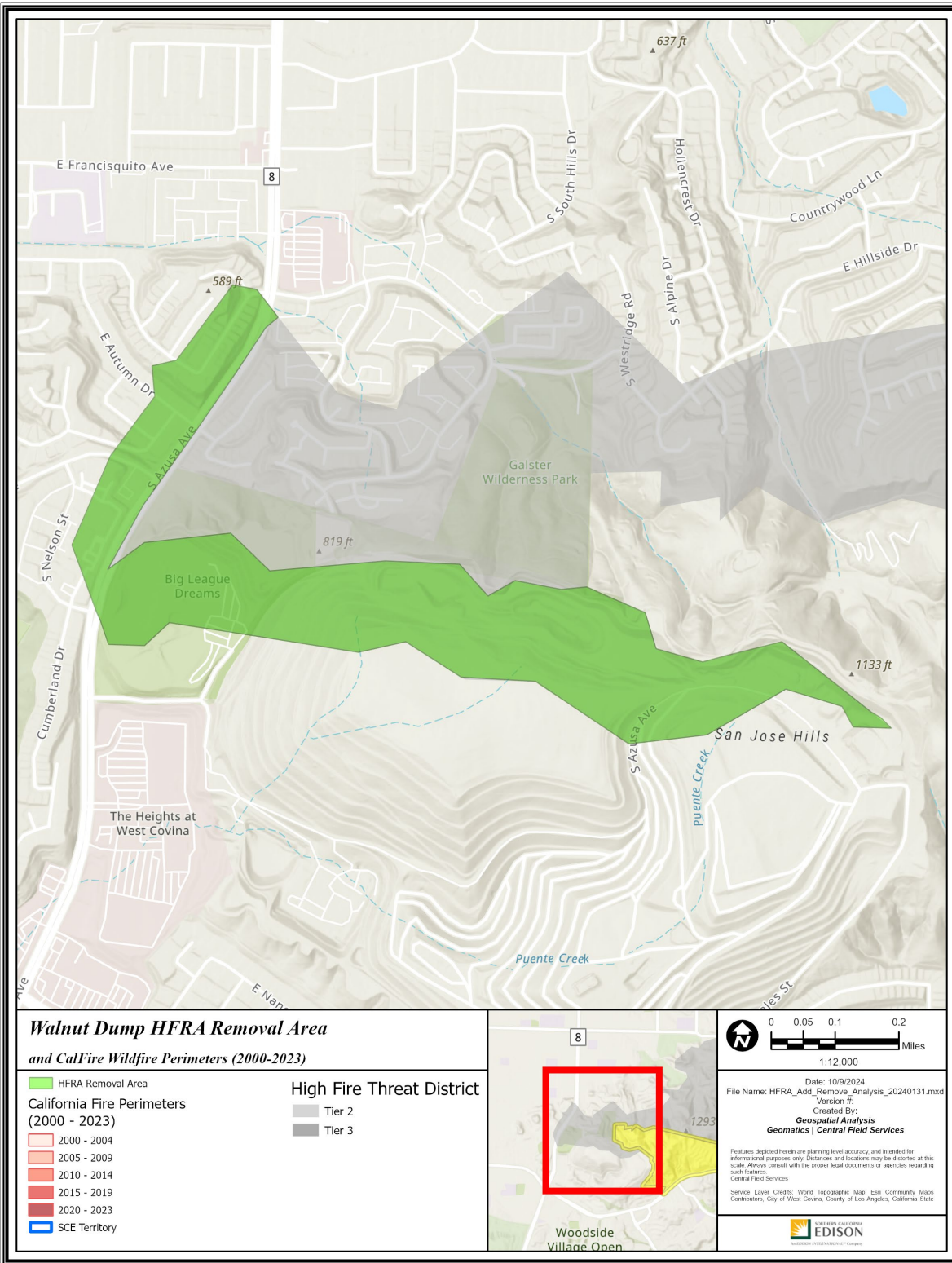
HFRA Removals & WUI Categories
Walnut Dump

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



0 0.05 0.1 0.2 Miles
 1:12,000
 Date: 5/25/2024
 File Name: Polygon_Maps_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services
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Service Layer Credits: World Imagery: Maxar, Microsoft
 World Topographic Map: City of West Covina, County of Los Angeles.

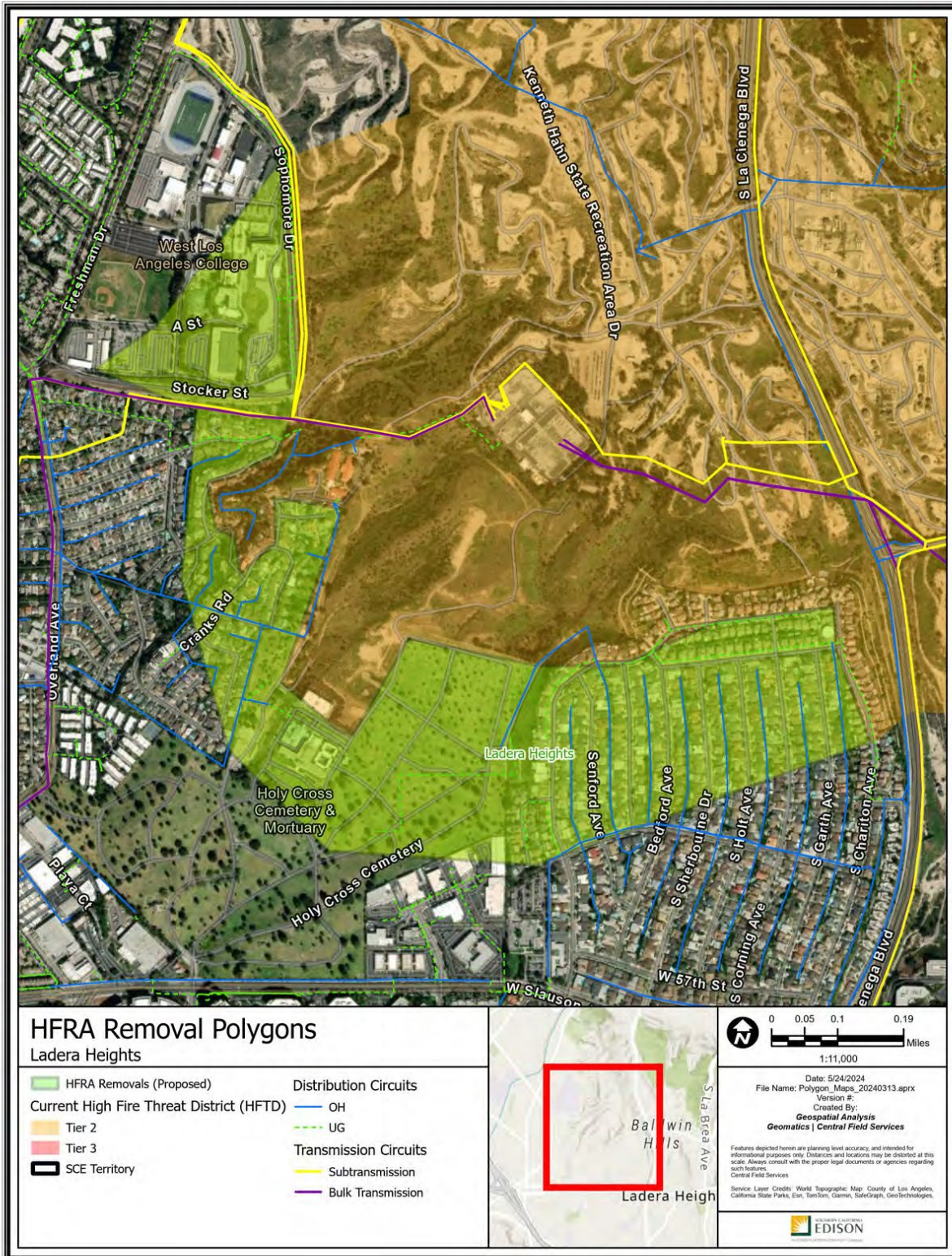
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R22 – Ladera Heights

Los Angeles County
 -118.380529, 33.996186
 204 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
31.9%	Non Burnable Urban Areas
16.7%	Low Load Dry Climate Grass
16.3%	Roads Surrounded by Non Burnable Fuels
10.6%	Moderate Load Dry Climate Grass Shrub

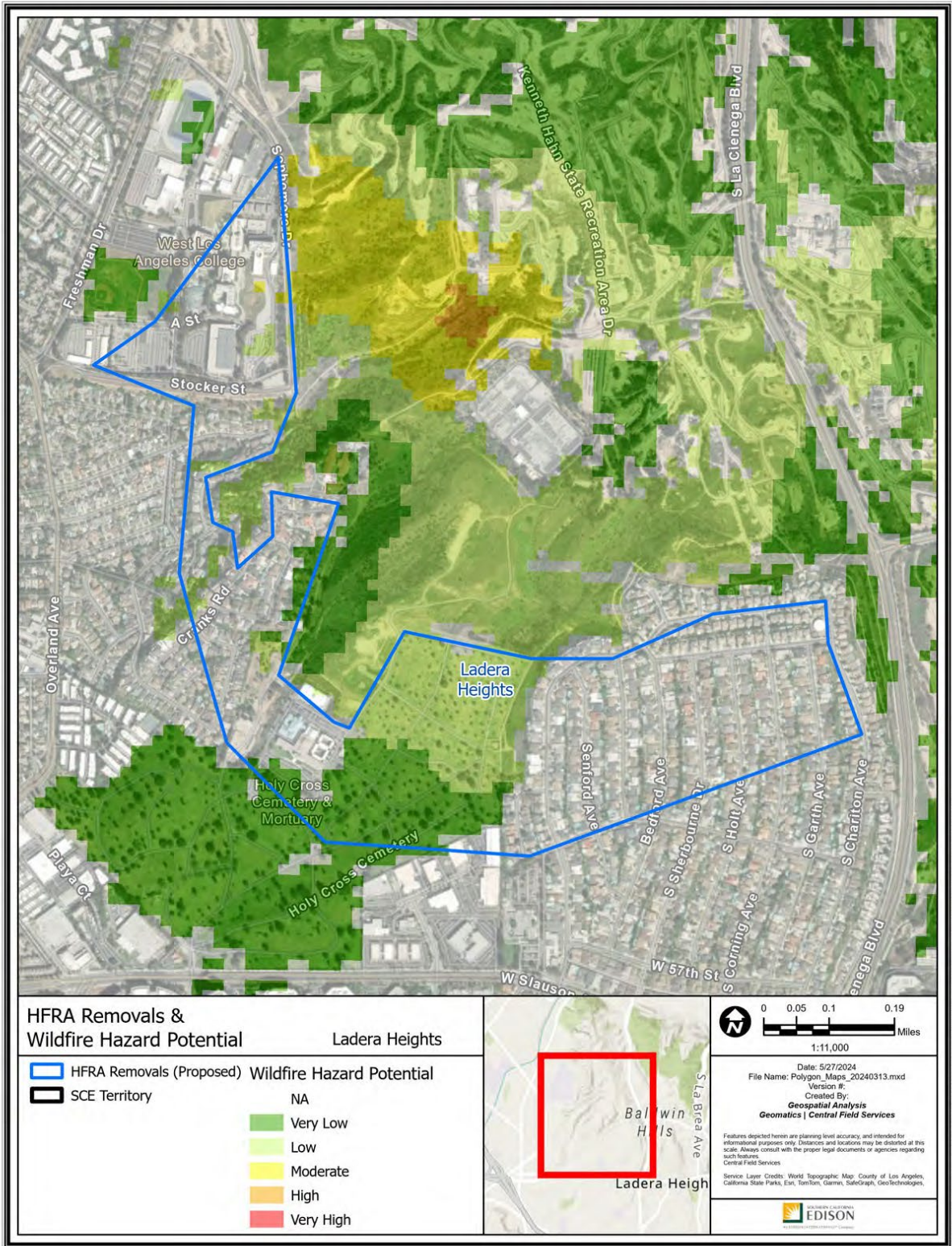
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	0.0%	0.4%	99.6%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
2.53	1.54	0.76	0	0	4.83

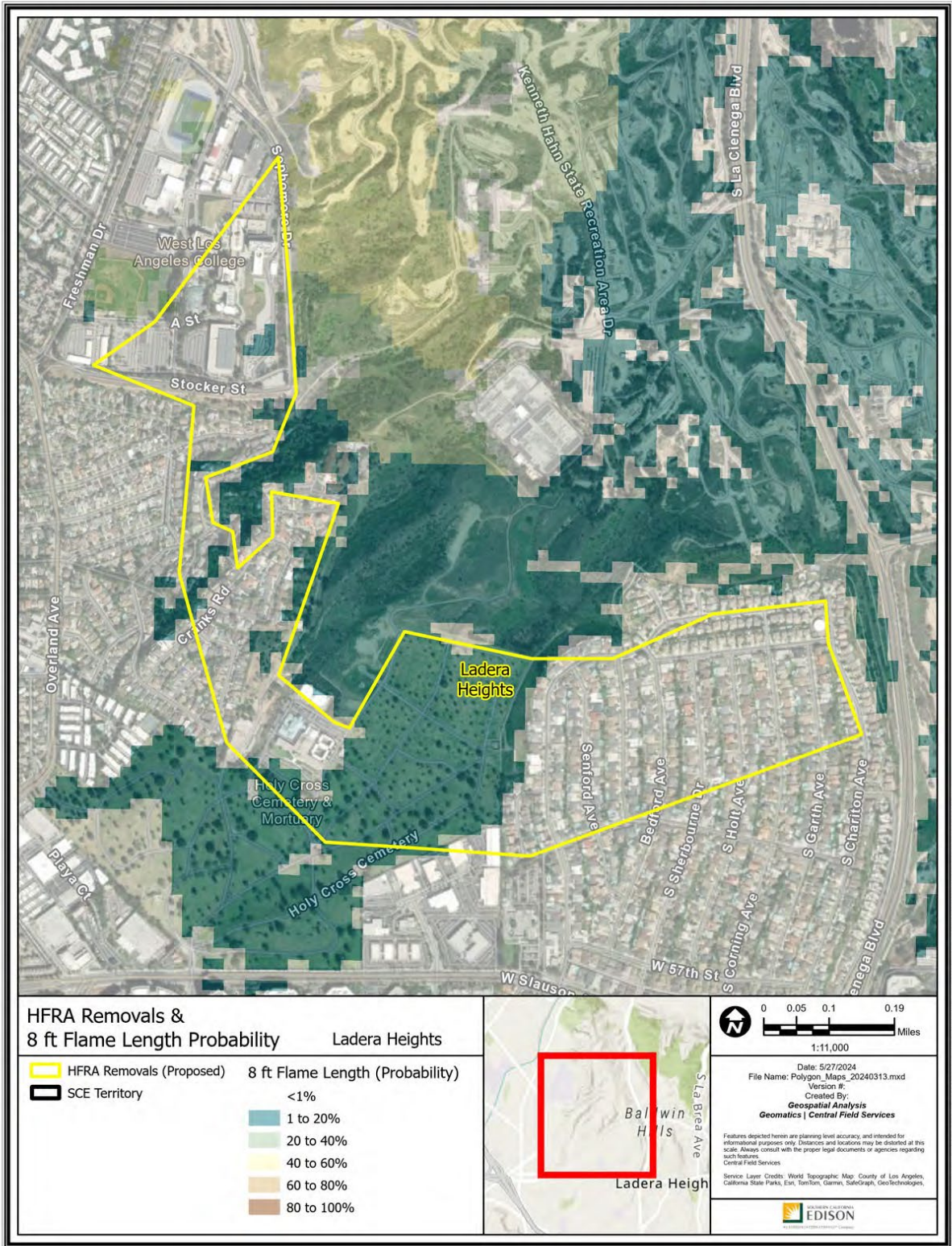
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
456	4.37°	1: Very Low	2%

Recommendation:

SCE proposes to remove the Ladera Heights polygon from HFTD. This removal would align the polygon with the similar adjacent non-HFTD areas, which are urbanized and include commercial and residential developments. The polygon also includes a maintained and irrigated cemetery.

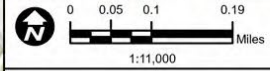


Path: P:\PROJECTS\Special_Productions\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



HFRA Removals & 8 ft Flame Length Probability Ladera Heights

- 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% |



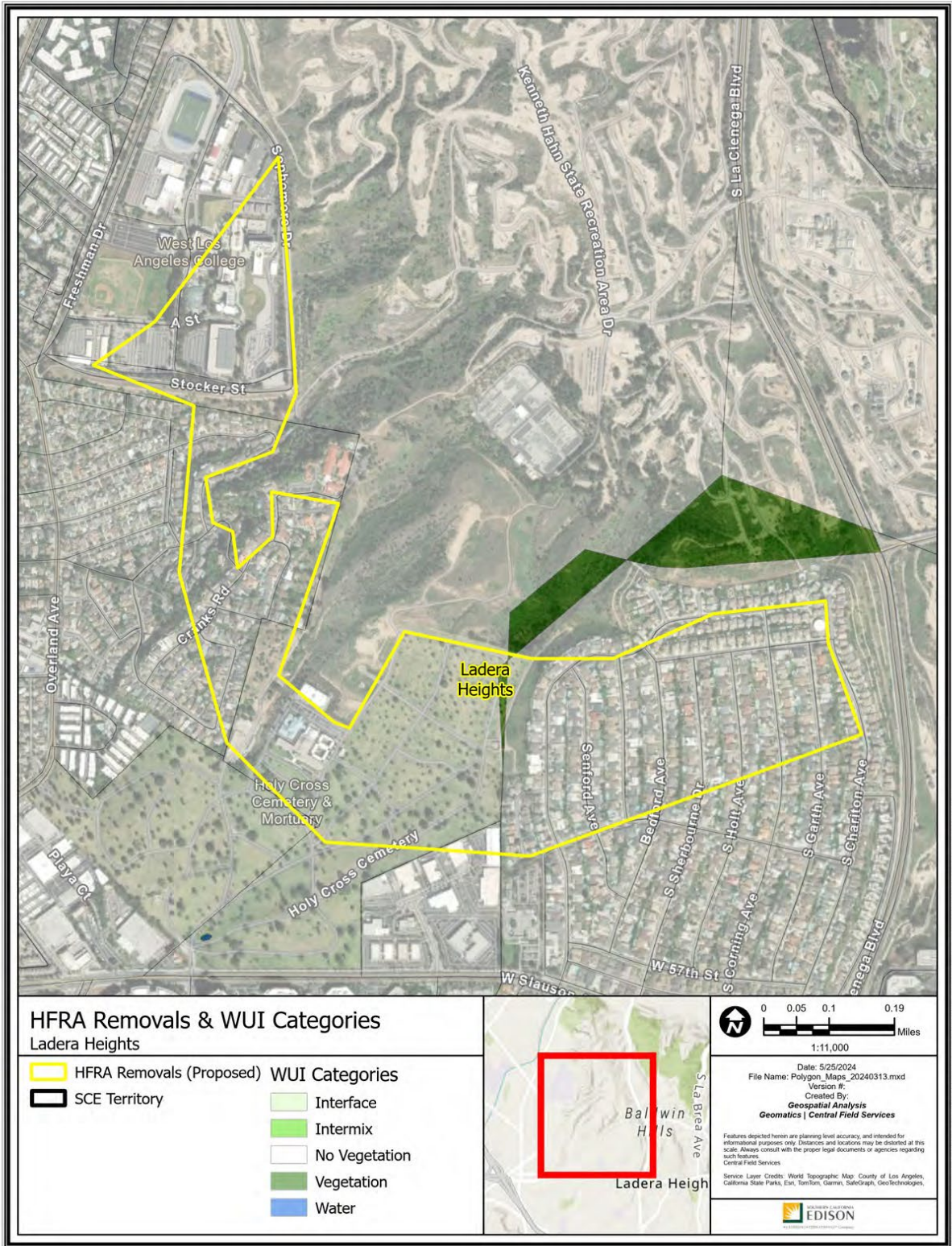
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 Created By:
Geospatial Analysis
Geomatics | Central Field Services

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Service Layer Credits: World Topographic Map: County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Central Field Services

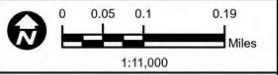


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HFRA Removals & WUI Categories
Ladera Heights

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



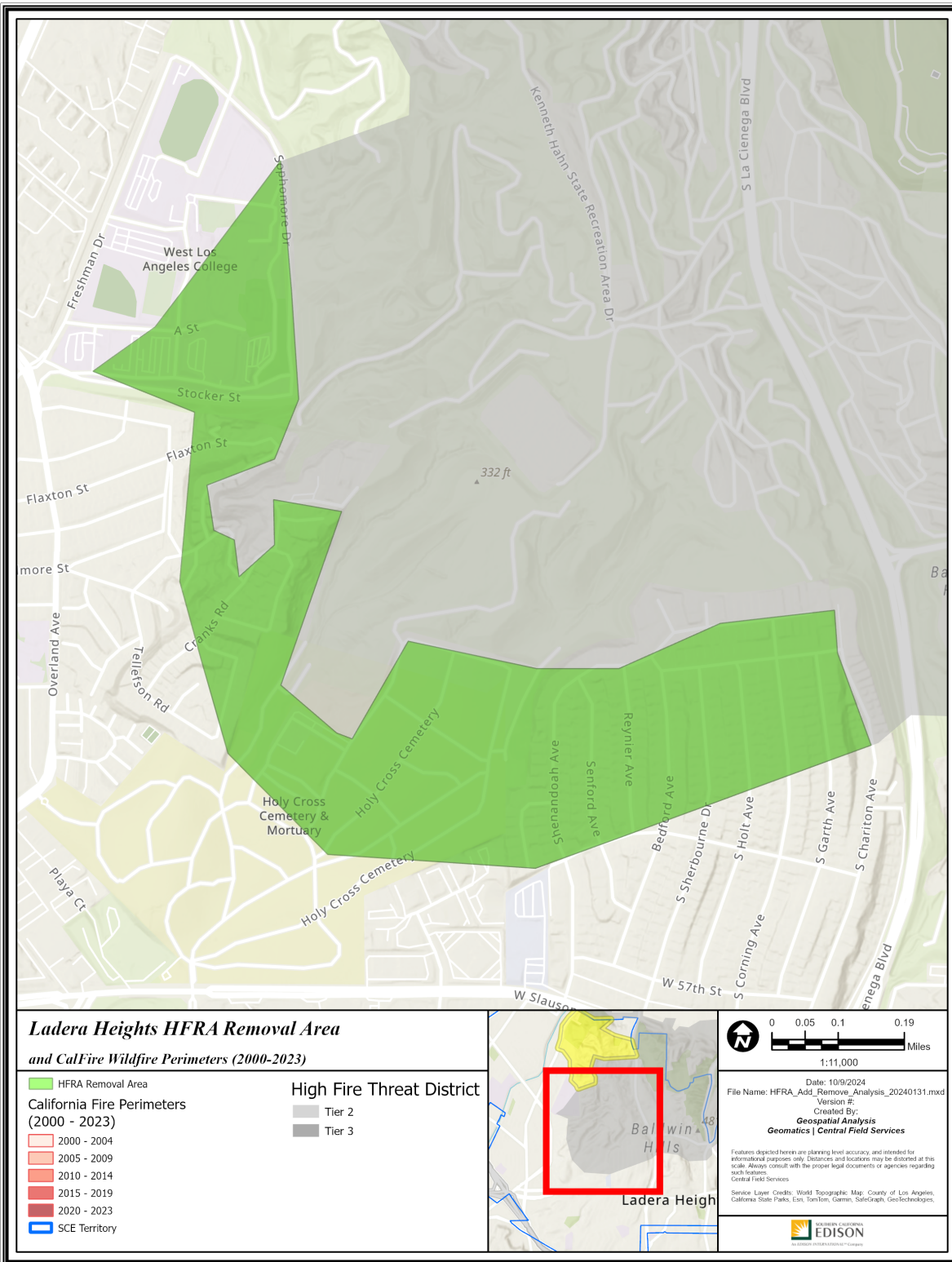
Date: 5/25/2024
 File Name: Polygon_Map_20240313.mxd
 Version #:
 Created By: **Geospatial Analysis**
Geomatics | Central Field Services

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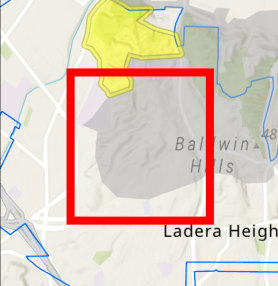
EDISON
Engineering & Construction Solutions

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



**Ladera Heights 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

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 Central Field Services
 Service Layer Credits: World Topographic; Map; County of Los Angeles, California State Parks, Esri, TomTom, Garmin, SafeGraph, Geotechnologies.

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

R23 – Upland Water Basin

San Bernardino County
 -117.637645, 34.132497
 339 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
40.9%	Non Burnable Urban Areas
16.3%	Moderate Load Dry Climate Grass Shrub
14.1%	Roads Surrounded by Non Burnable Fuels
6.0%	Bare Ground

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	0.7%	0.0%	99.3%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
2.02	11.3	1.08	0	1.72	16.12

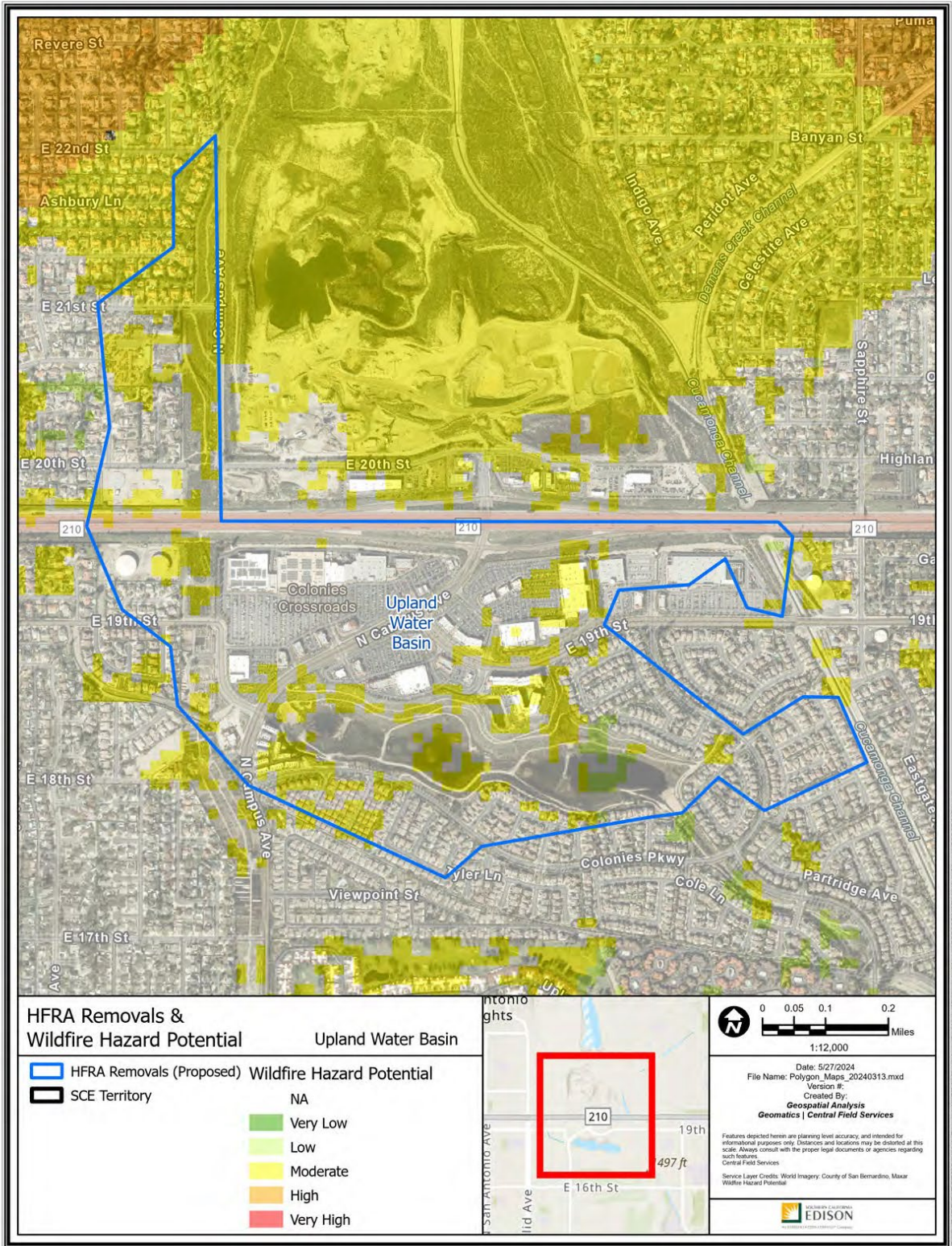
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
743	2.82°	2: Low	10%

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

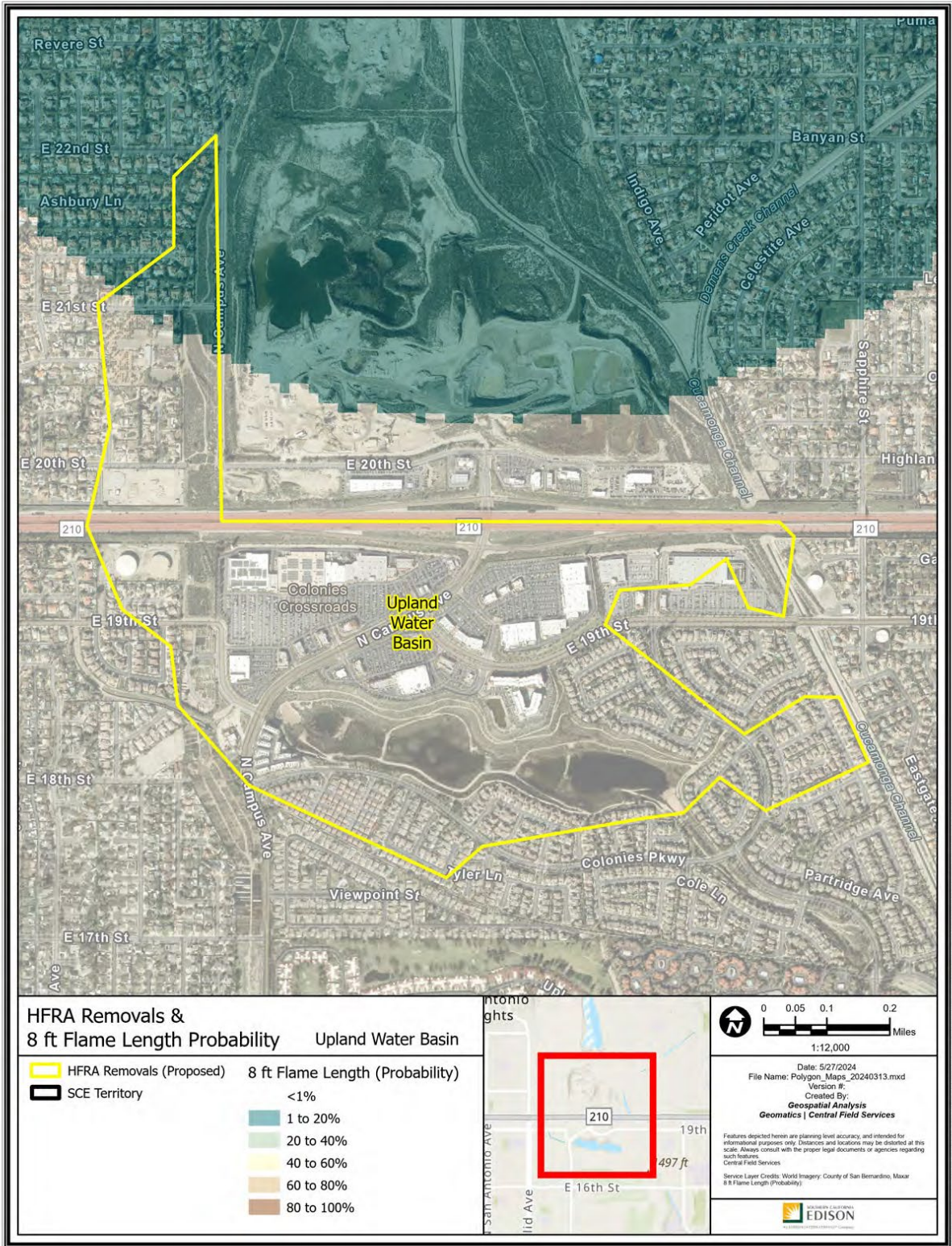
- The polygon overlaps with regions that have high wind exposure.

Recommendation:

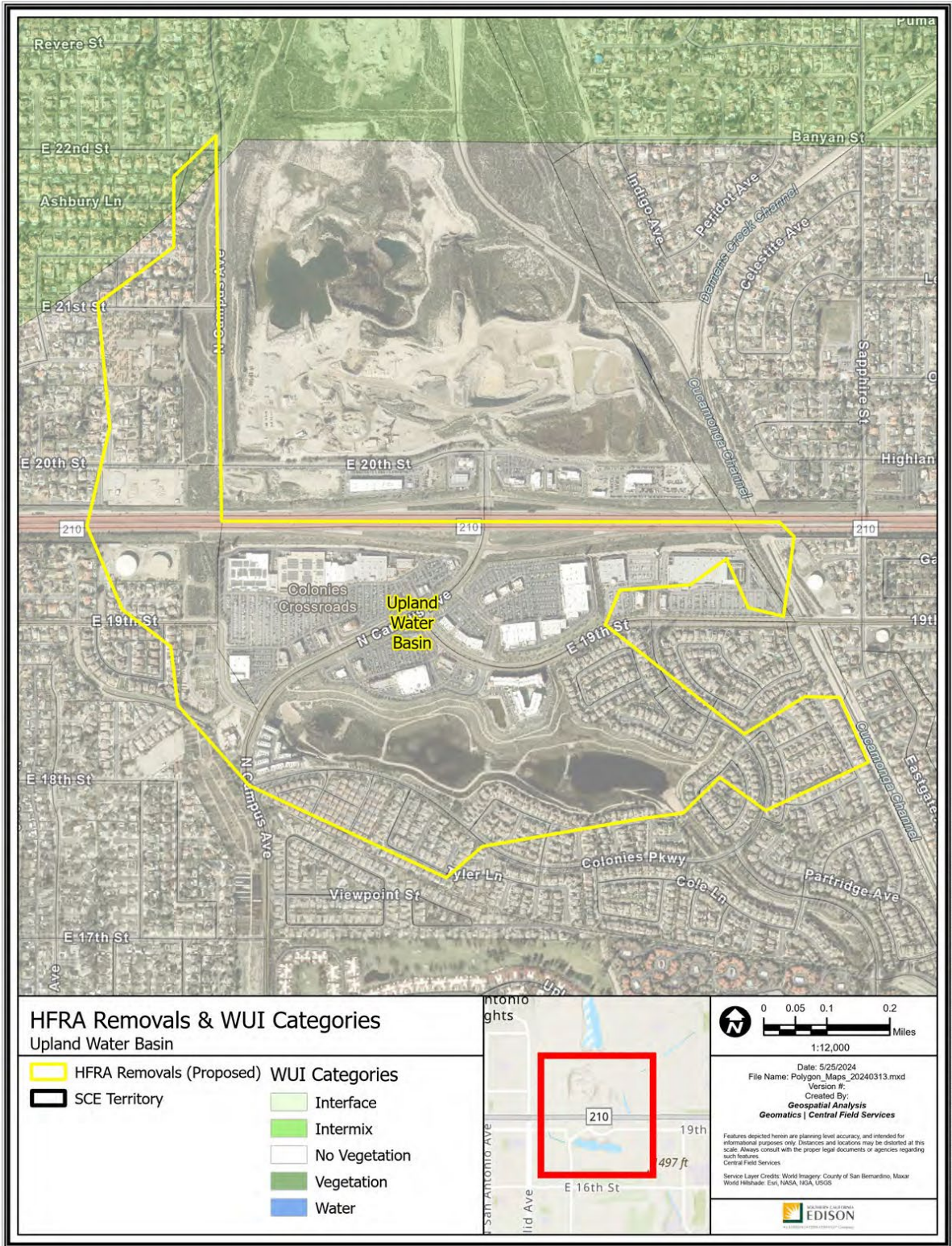
SCE proposes to remove the Upland Water Basin polygon from HFTD. The proposed removal would exclude a significant commercial development and water basin. The proposed removal is a developed urban area and includes a water basin with limited burnable fuels. Additionally, Interstate 210 and Campus Drive serve as firebreaks.



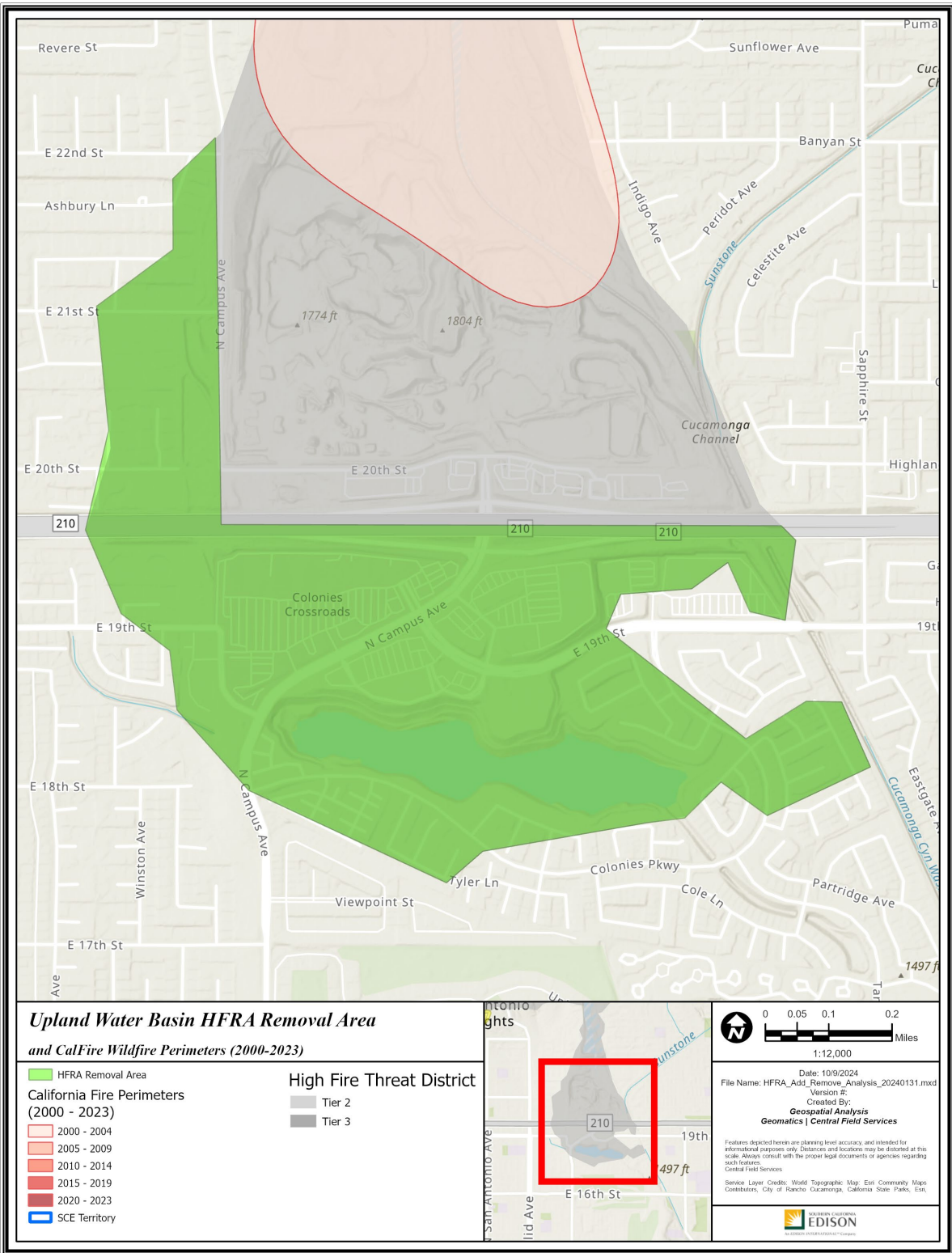
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Path: P:\PROJECTS\Spatial_Projects\HFRA_Revision_Analysis\Polygon_Map_20240313.aprx



**Upland Water Basin 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
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 Created By:
Geospatial Analysis
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Service Layer Credits: World Topographic Map; Esri Community Maps Contributors; City of Rancho Cucamonga; California State Parks; Esri

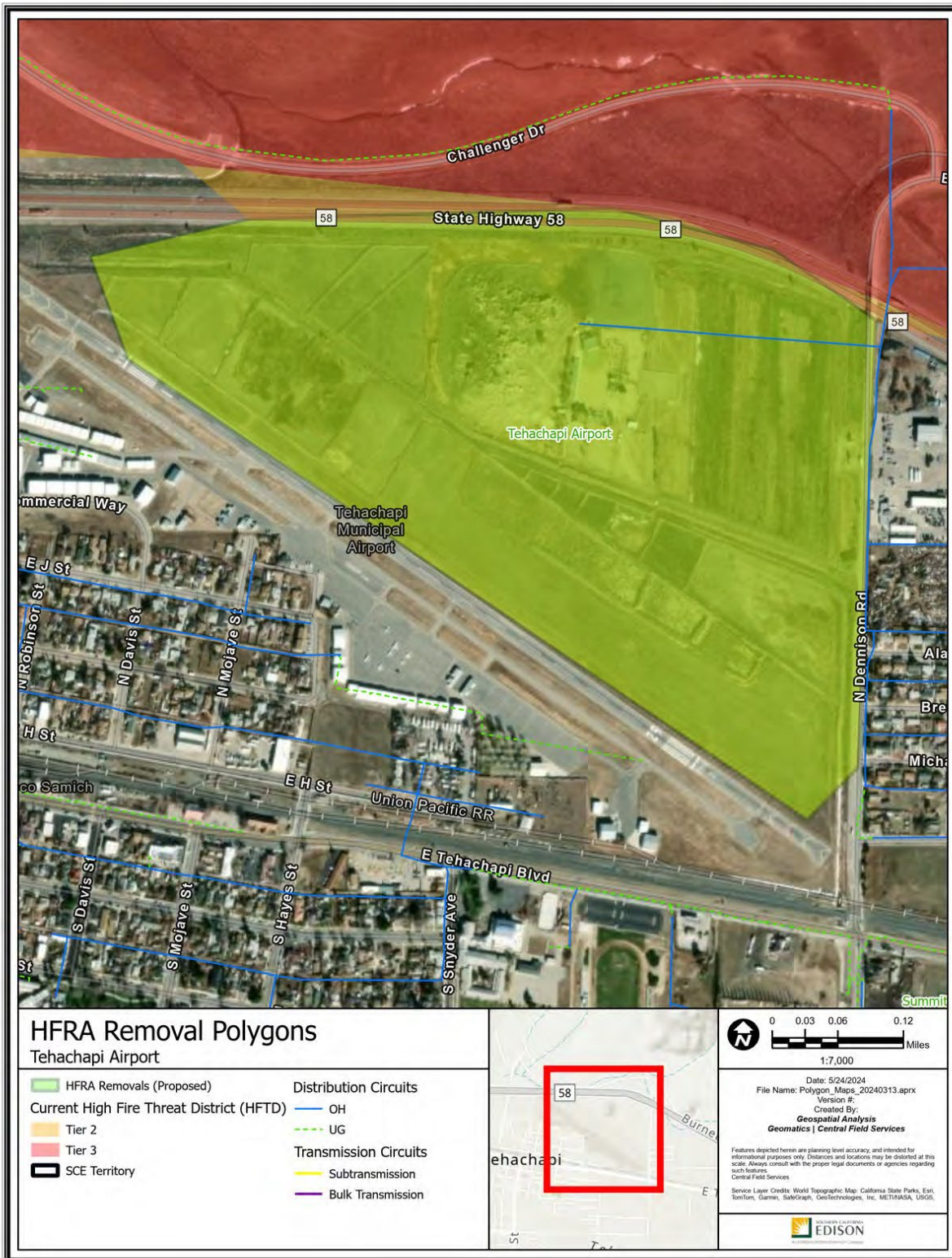
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R24 – Tehachapi Airport

Kern County

-118.436883, 35.136708

151 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
40.4%	Low Load Dry Climate Grass
34.1%	Moderate Load Dry Climate Grass Shrub
13.5%	Short Sparse Dry Climate Grass
4.6%	Low Load Dry Climate Shrub

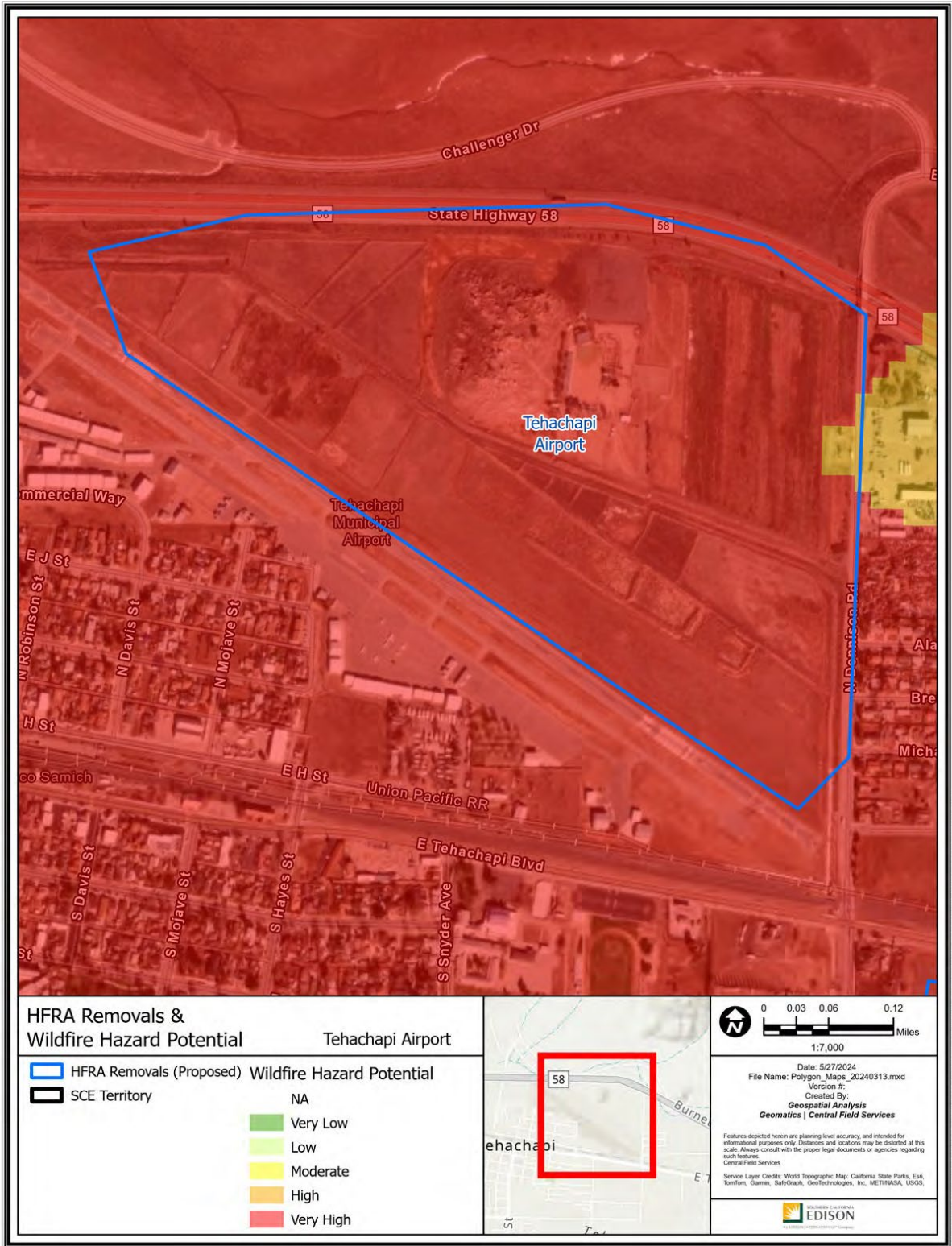
Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
98.2%	0.2%	0.0%	1.6%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.33	0	0	0	0	0.33

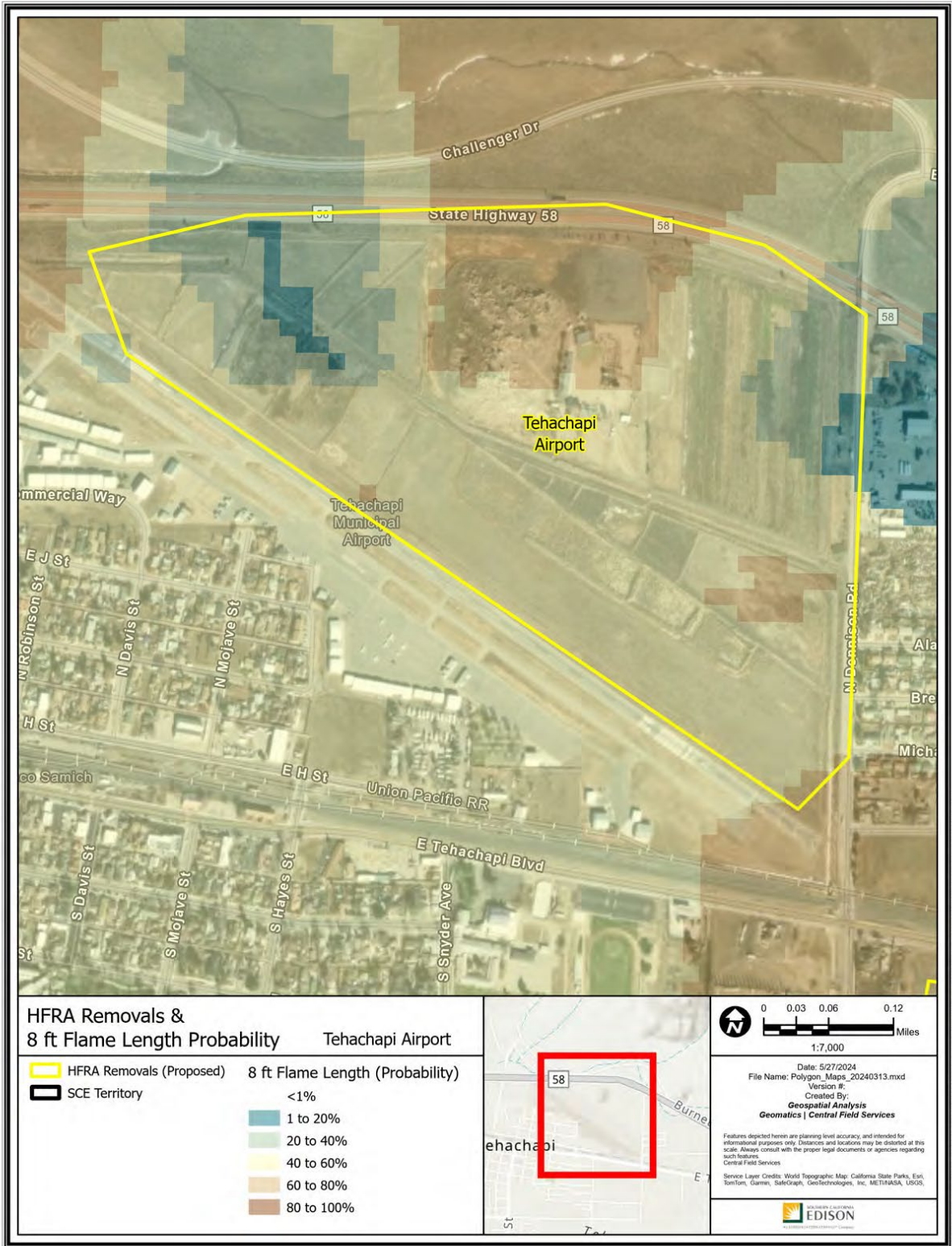
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
4	0.97°	5: Very High	53%

Recommendation:

SCE proposes to remove the Tehachapi Airport polygon from HFTD. Although the USFS Hazard Potential is “very high,” the polygon primarily consists of a municipal airport with well-maintained grassy fields and presents minimal wildfire risk. SCE proposes an updated HFTD boundary using Highway 58 as a firebreak.



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HFRA Removals & WUI Categories
Tehachapi Airport

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



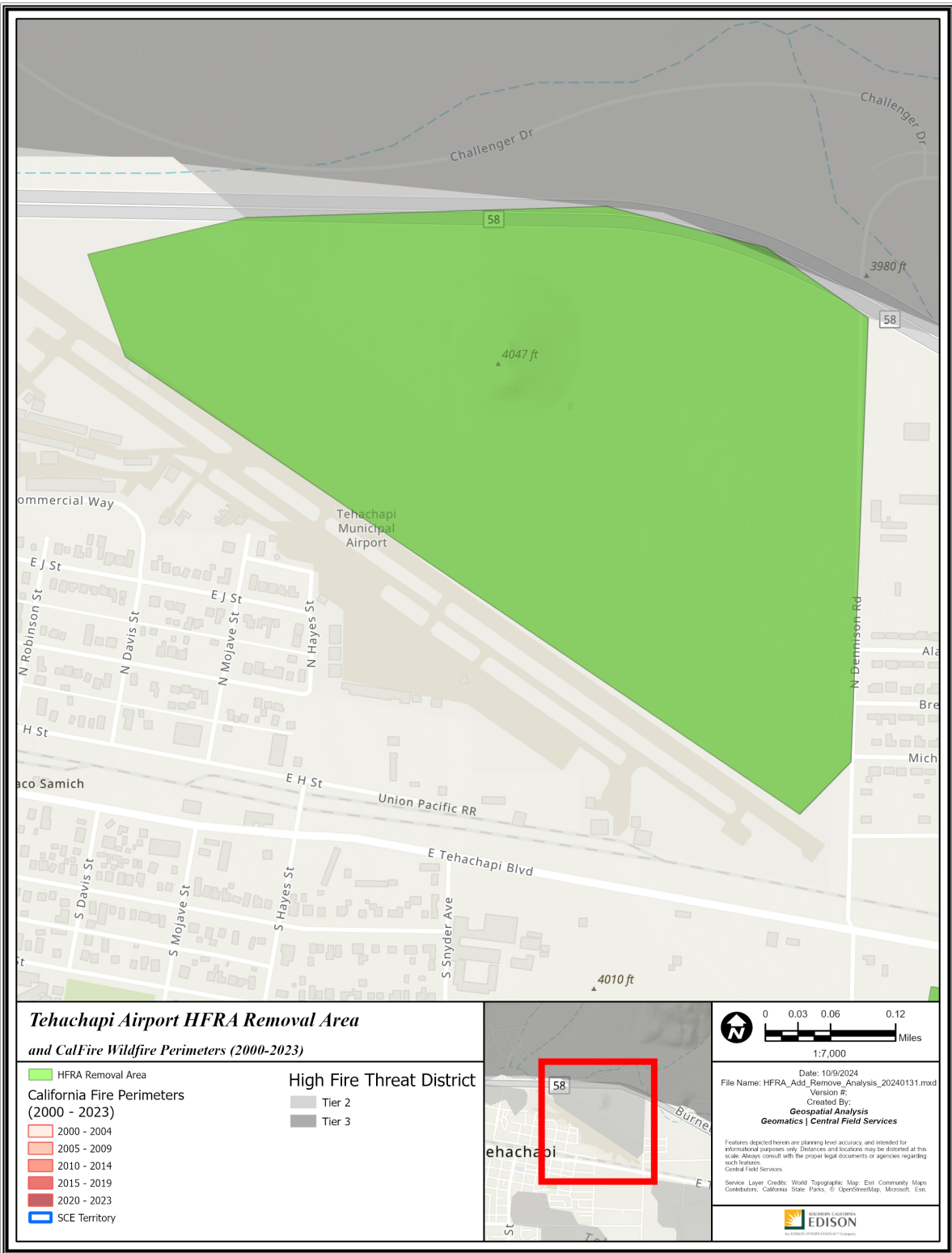
0 0.03 0.06 0.12 Miles
1:7,000

Date: 5/25/2024
File Name: Polygon_Map_20240313.mxd
Version #:
Created By:
Geospatial Analysis
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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_Map_20240313.aprx



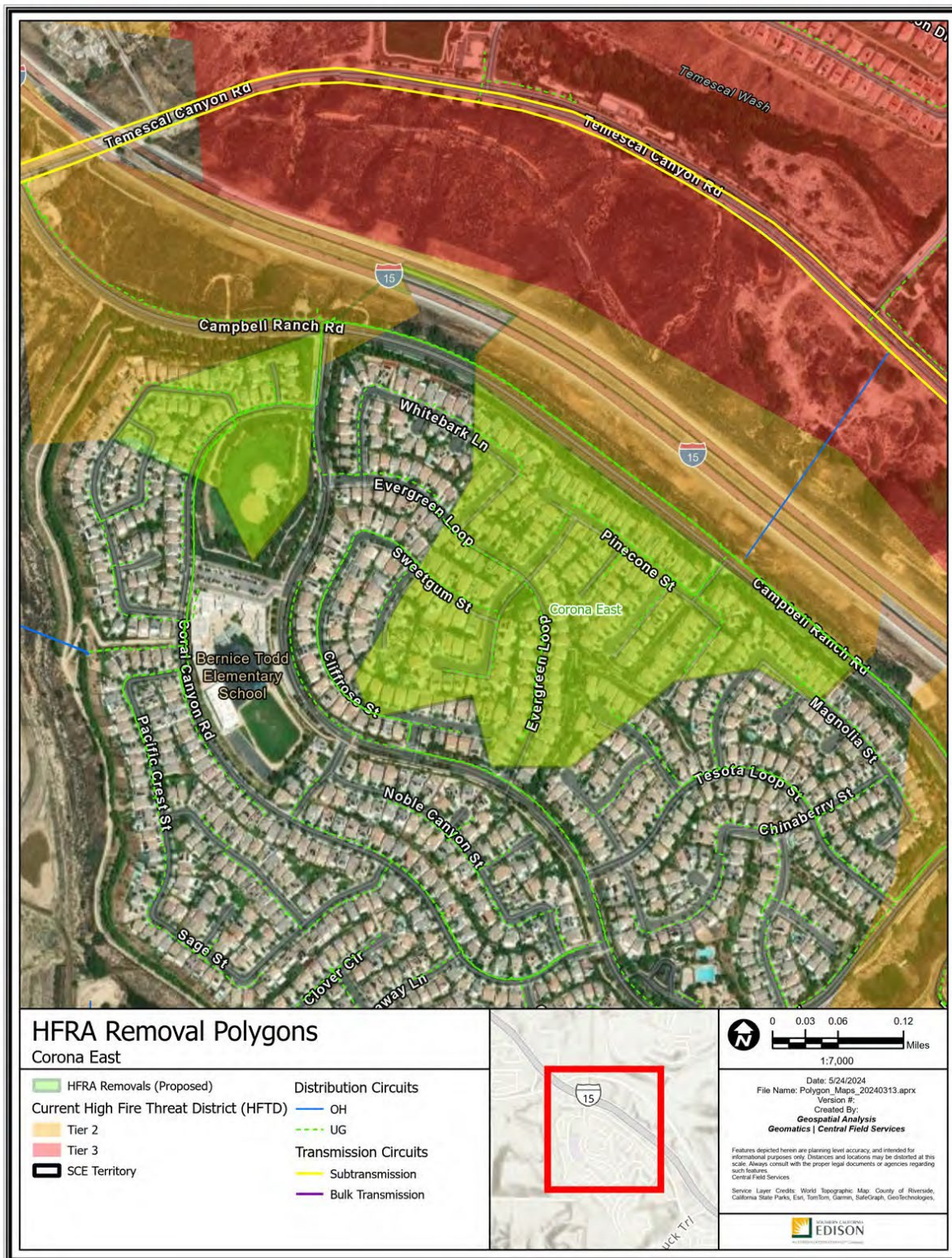
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R25 – Corona East

Riverside County

-117.466029, 33.756507

63 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
36.0%	Non Burnable Urban Areas
28.1%	Roads Surrounded by Non Burnable Fuels
12.8%	Urban Core Surrounded by Low Fire Behavior Fuel
6.4%	Minor Roads Surrounded by Low Fire Behavior Fuel

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	98.8%	0.0%	1.2%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0	1.77	0	0	0	1.77

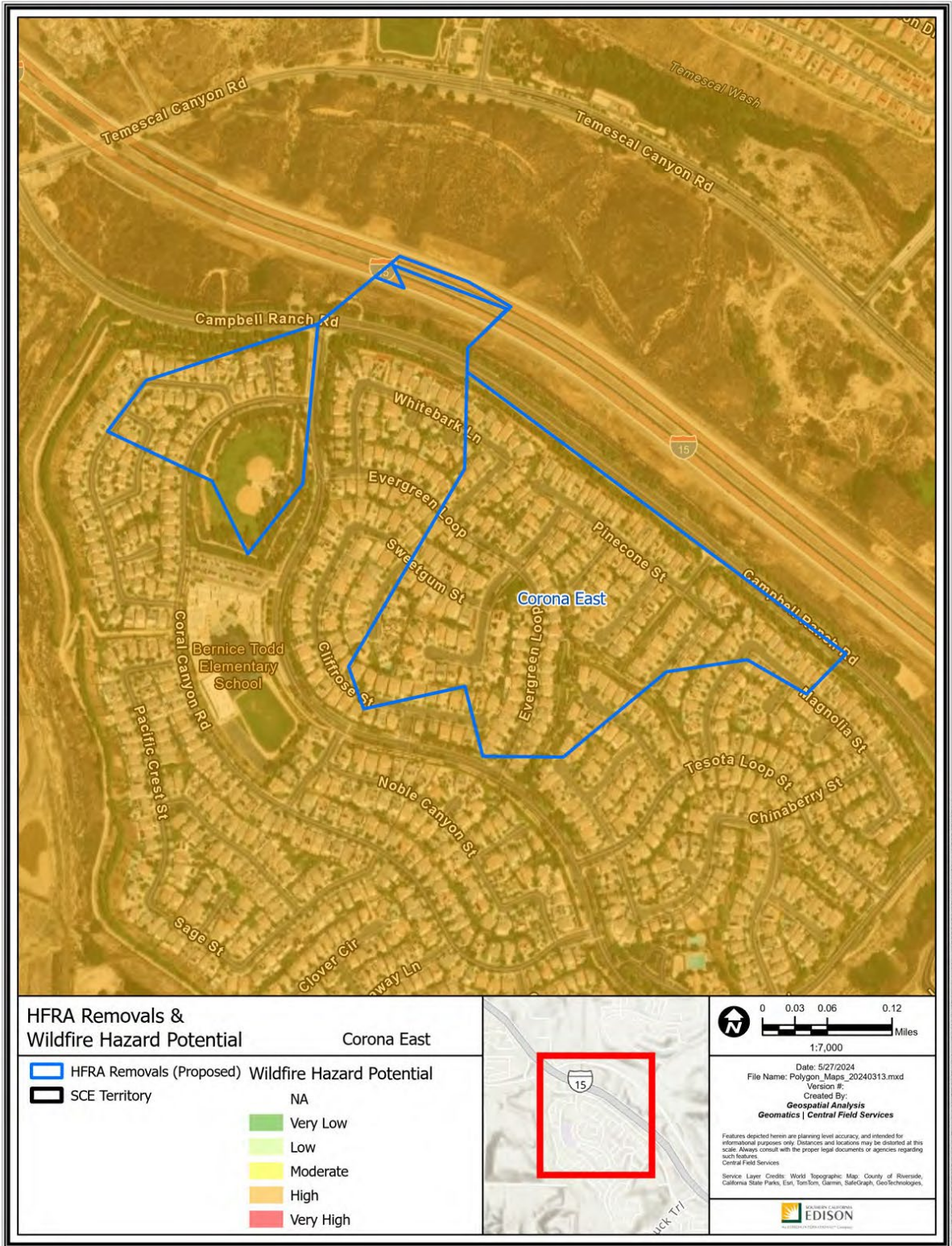
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
274	3.38°	4: High	12%

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

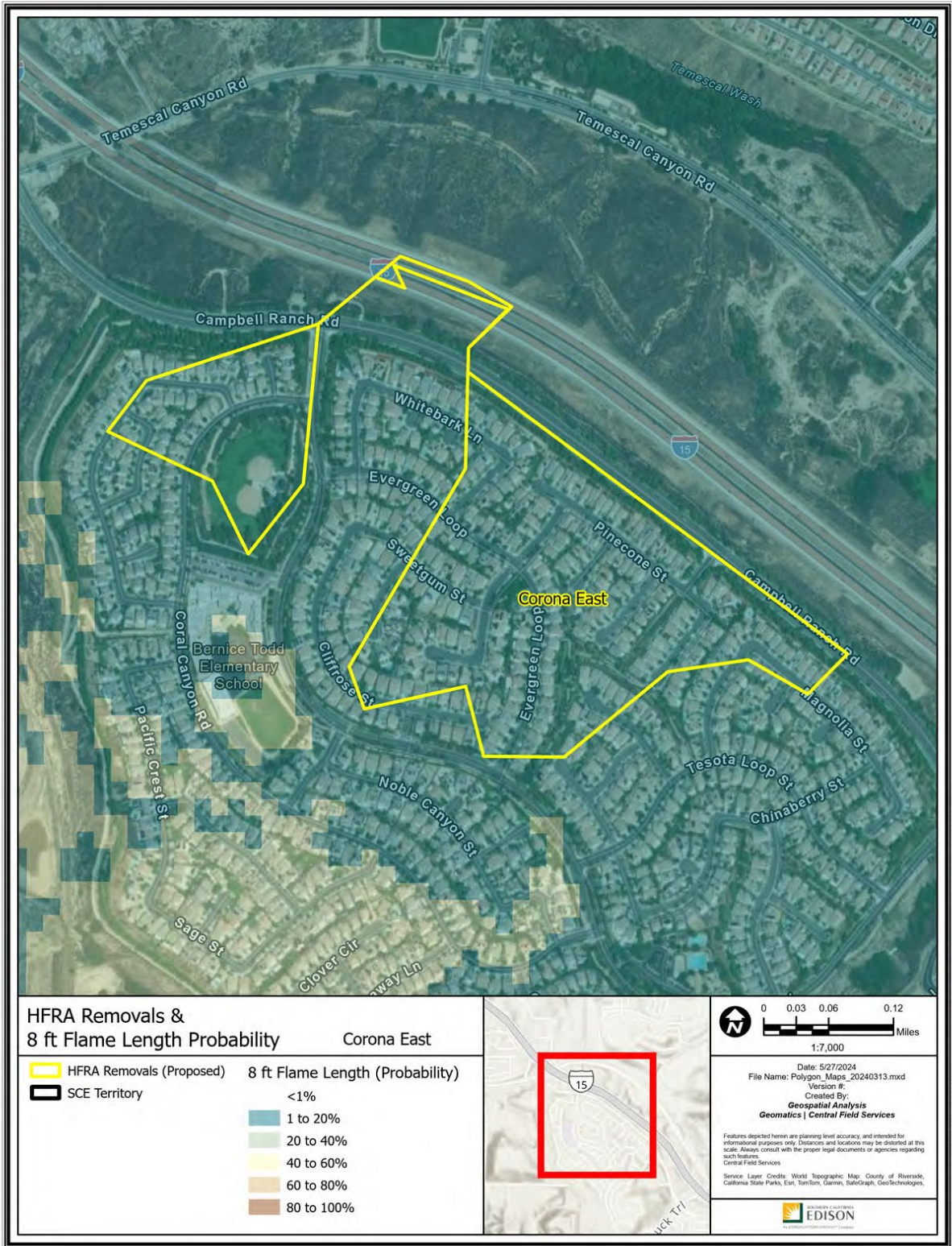
- The polygon overlaps with regions that met burn-in buffer criteria.

Recommendation:

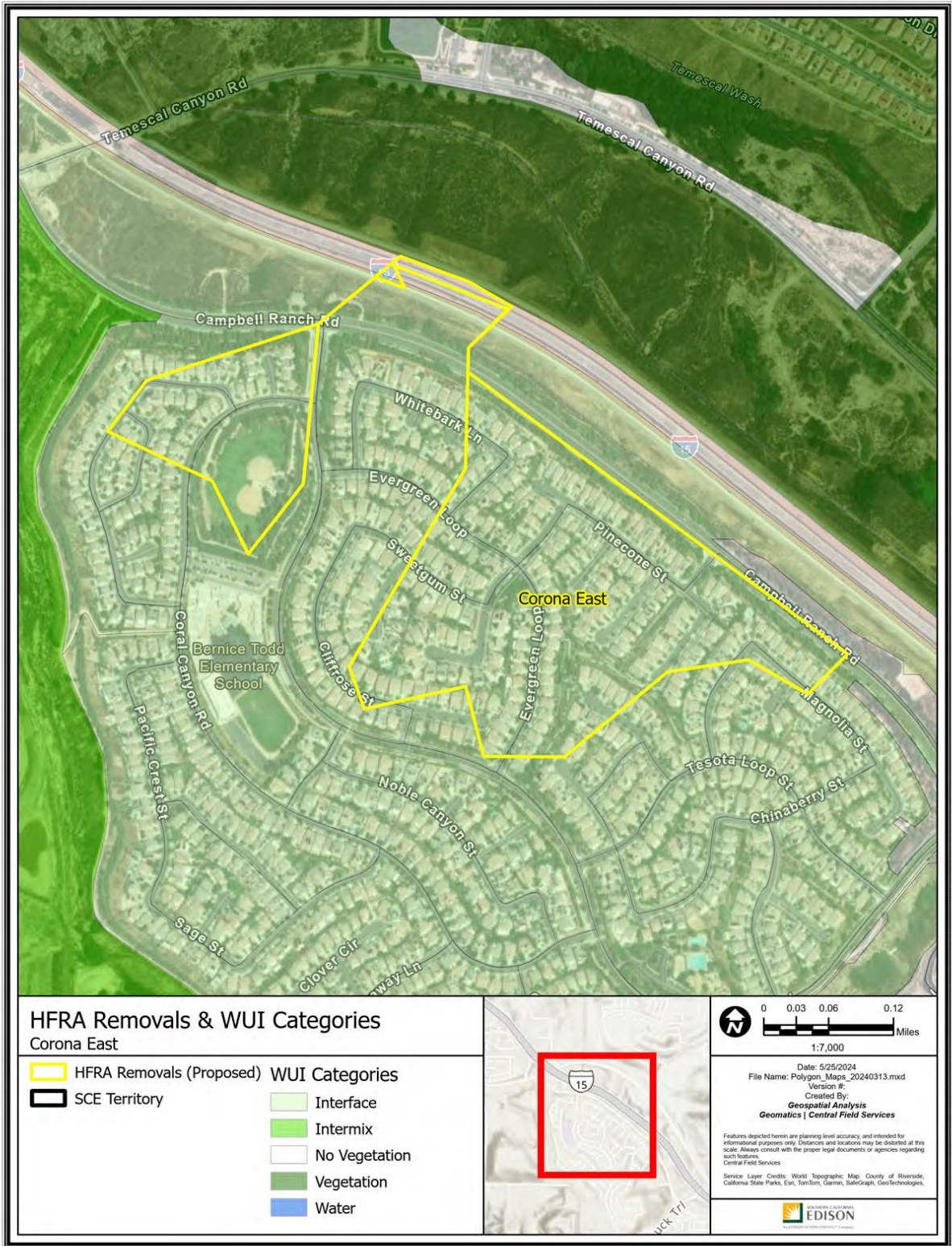
SCE proposes to remove the Corona East polygon from HFTD. This polygon consists of an urban area serviced by underground circuits, and the removal would align the polygon designation with similar adjacent residential areas. The firebreak of Interstate 15 reduces identified burn-in buffer risk.



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HFRA Removals & WUI Categories
Corona East

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



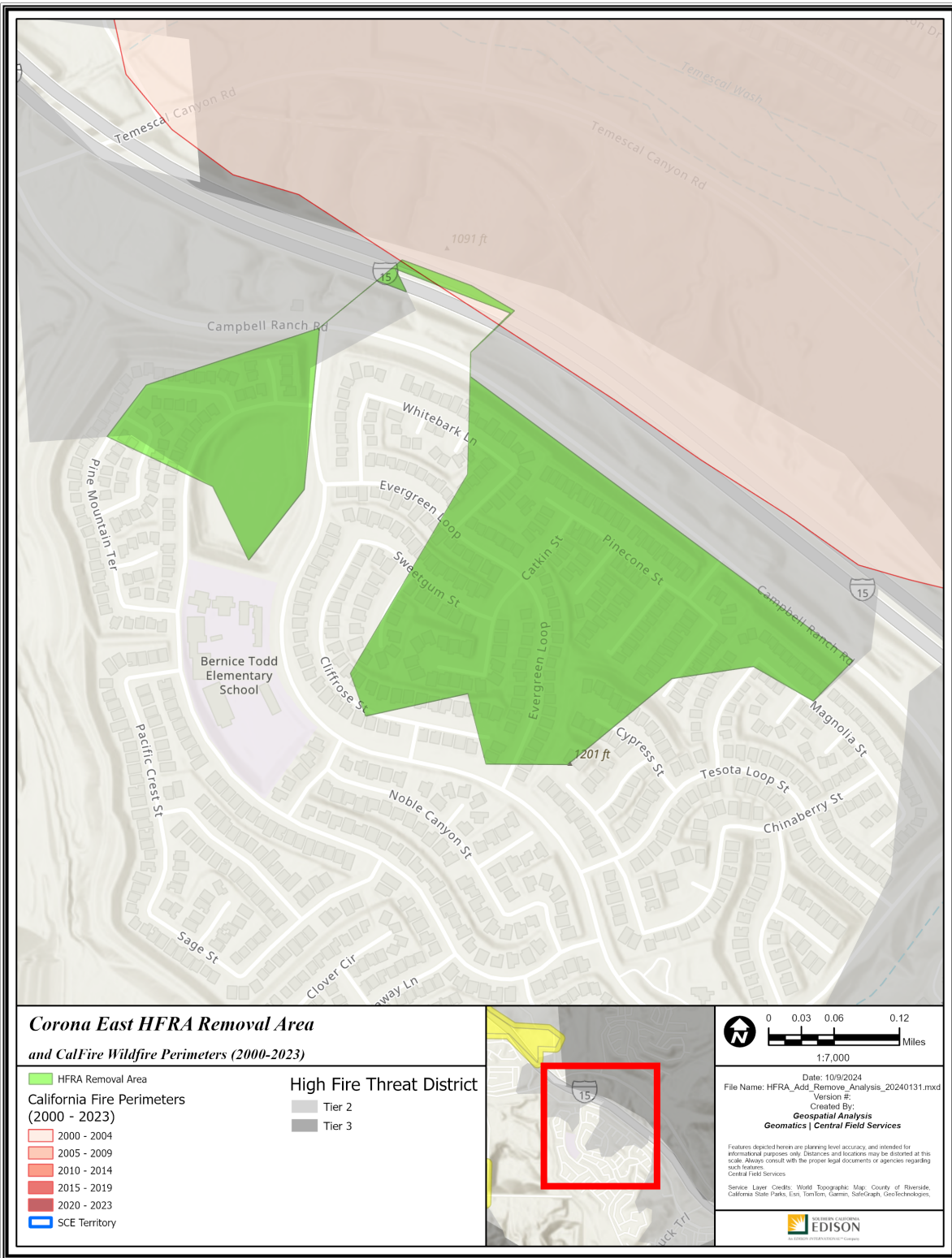
0 0.03 0.06 0.12 Miles
1:7,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
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Service Layer Credits: World Topographic Map, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Central Field Services

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

- HFRA Removal Area
- Bernice Todd Elementary School
- 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 0.03 0.06 0.12 Miles
1:7,000

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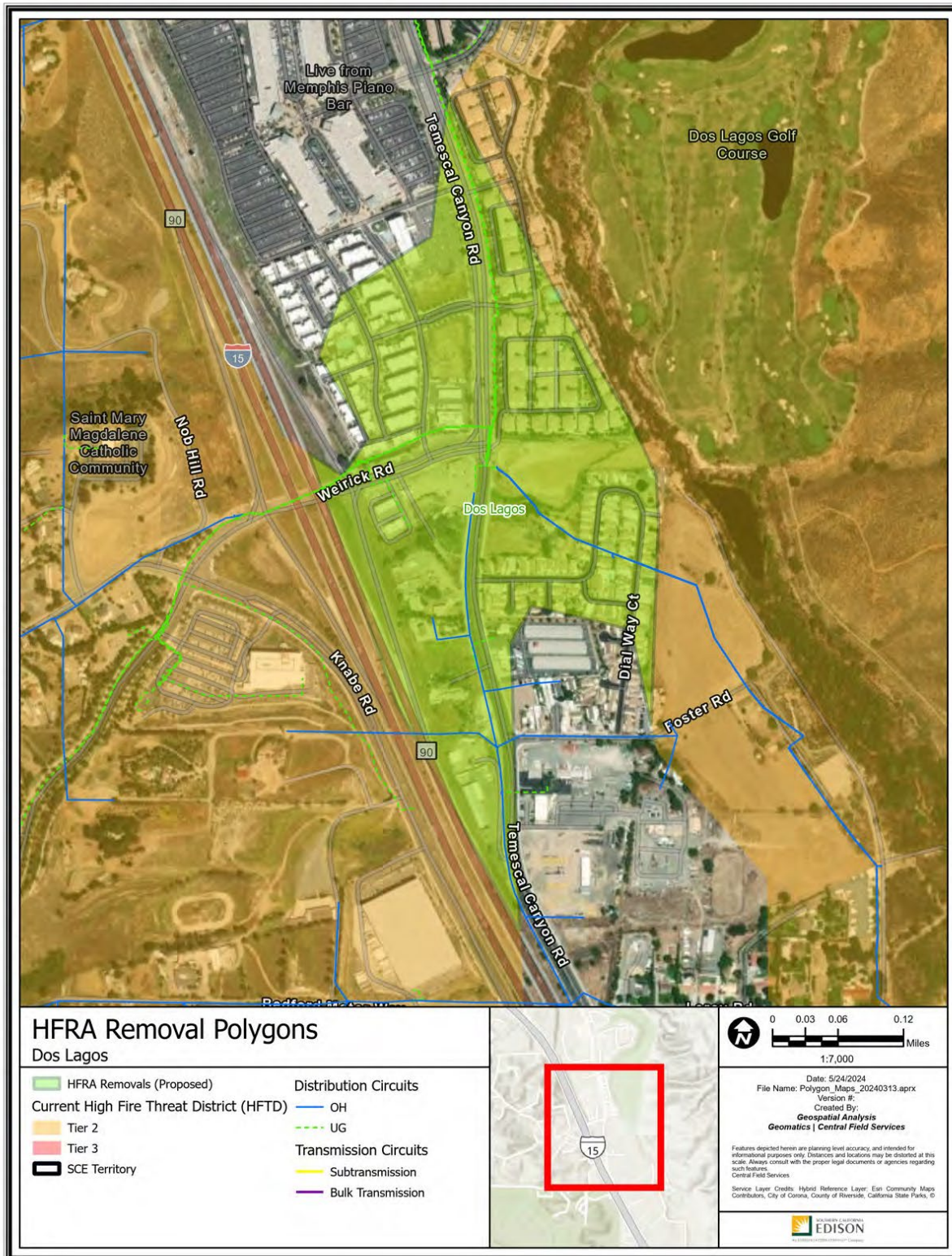
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R26 – Dos Lagos

Riverside County

-117.504635, 33.807196

73 Acres



Polygon Attributes:

Notable Vegetation/Fuels (top 4)	
20.5%	Moderate Load Dry Climate Grass Shrub
18.1%	Minor Roads Surrounded by Low Fire Behavior Fuel
14.9%	Non Burnable Urban Areas
14.5%	Bare Ground

Silvis Lab Wildland-Urban Interface					
WUI Intermix	WUI Interface	Wildlands / Rural	Urban	Water	Total
0.0%	93.7%	0.0%	6.3%	0.0%	100%

SCE Conductor Circuit Miles					
Primary OH	Primary UG	Sub Trans OH	Sub Trans UG	Bulk Trans OH	Total
0.92	1.92	0	0	0	2.84

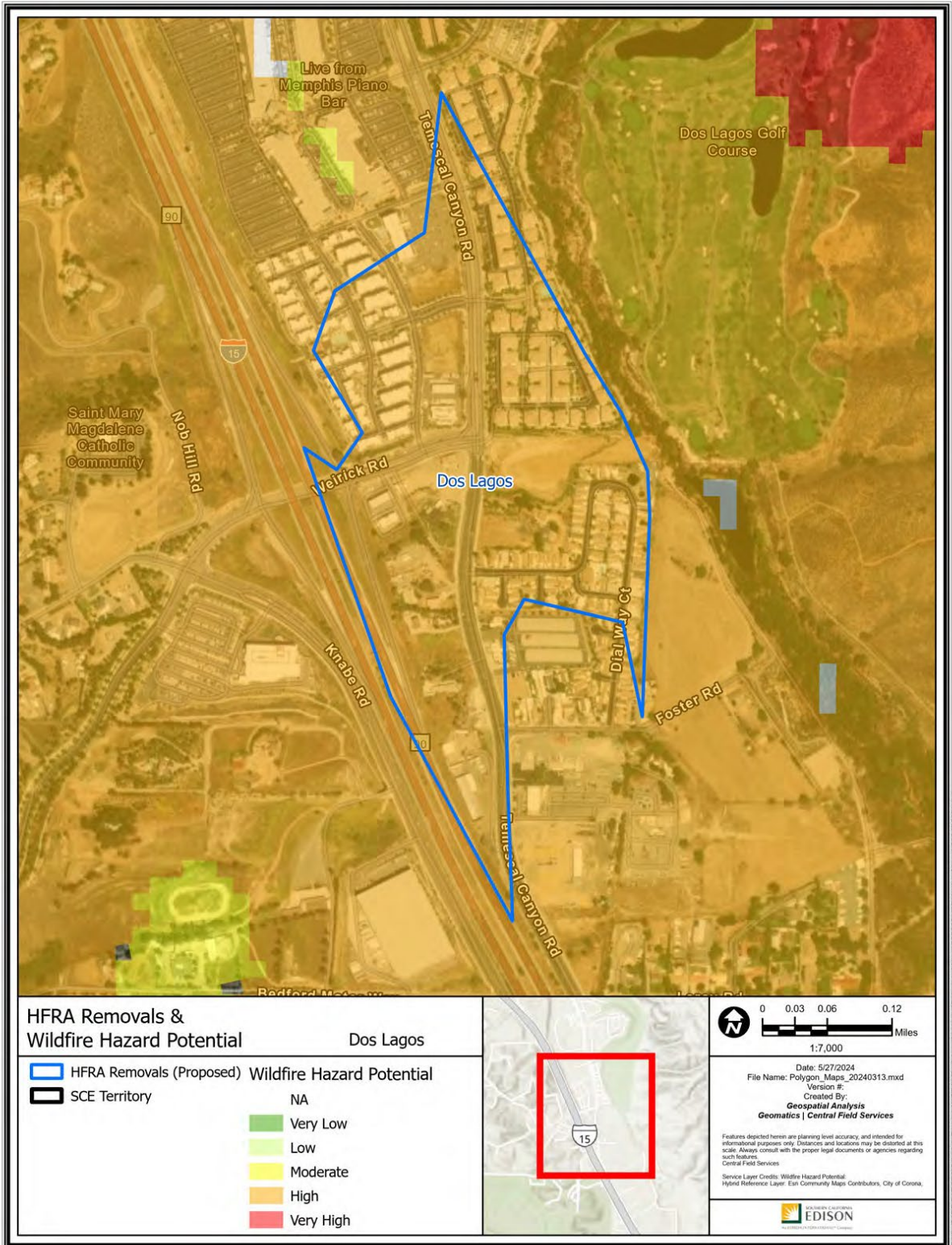
Count of Customer Meters	ESRI Average Terrain Slope (0° = flat to 90° = vertical)	USFS Hazard Potential (1: Very Low to 5: Very High)	USFS 8ft+ Flame Probability (0% to 100%)
29	2.29°	4: High	10%

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

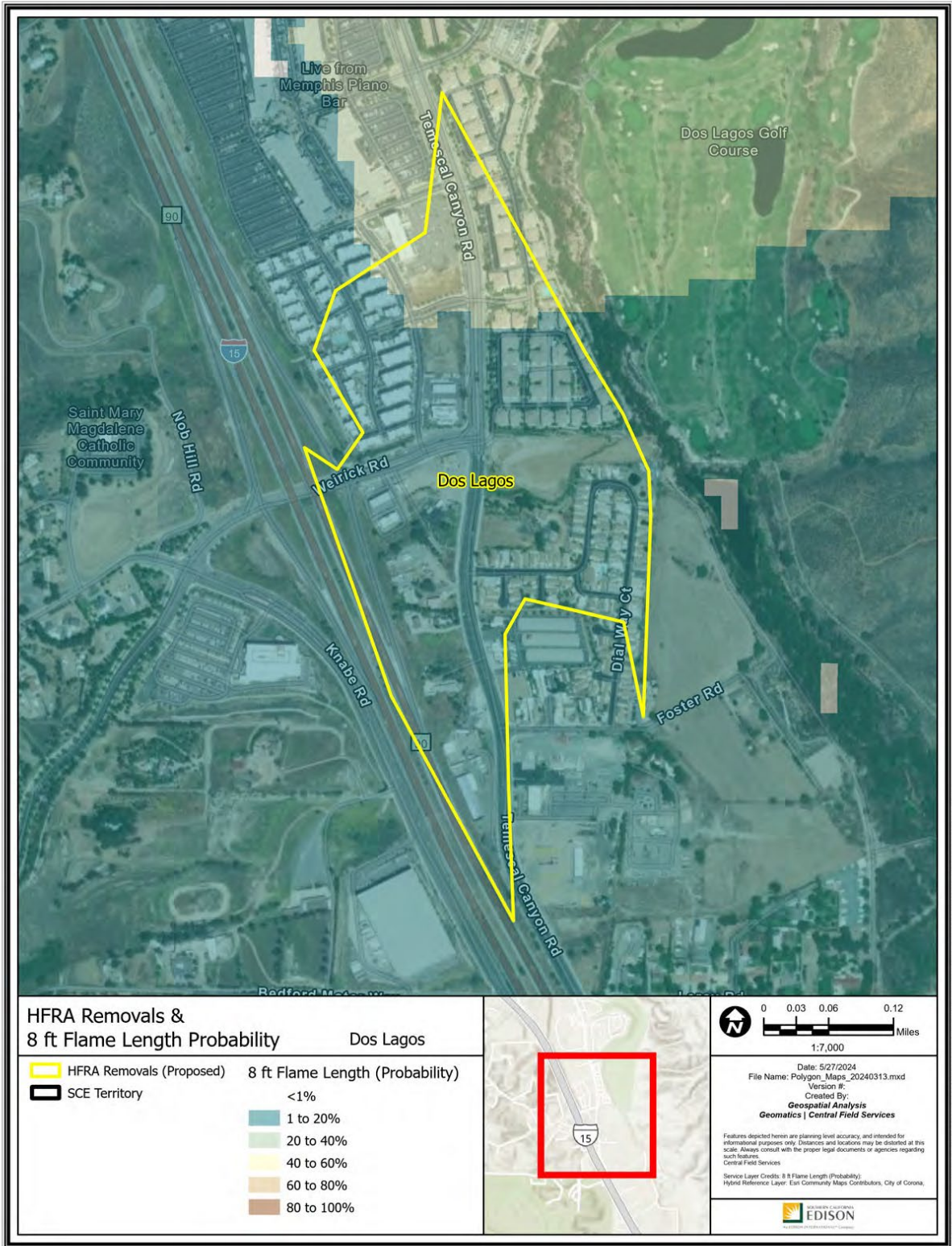
- The polygon overlaps with regions where wildfire consequence modeling indicates Severe or High Consequence outputs.

Recommendation:

SCE proposes to remove the Dos Lagos polygon from HFTD. The polygon represents a developed area without the presence of burnable fuels. This removal would exclude a small segment of urban residential buildings from the HFTD. SCE proposes to align the HFTD boundary with Interstate 15, which acts as a firebreak.

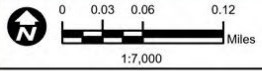


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HFRA Removals & 8 ft Flame Length Probability Dos Lagos

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%



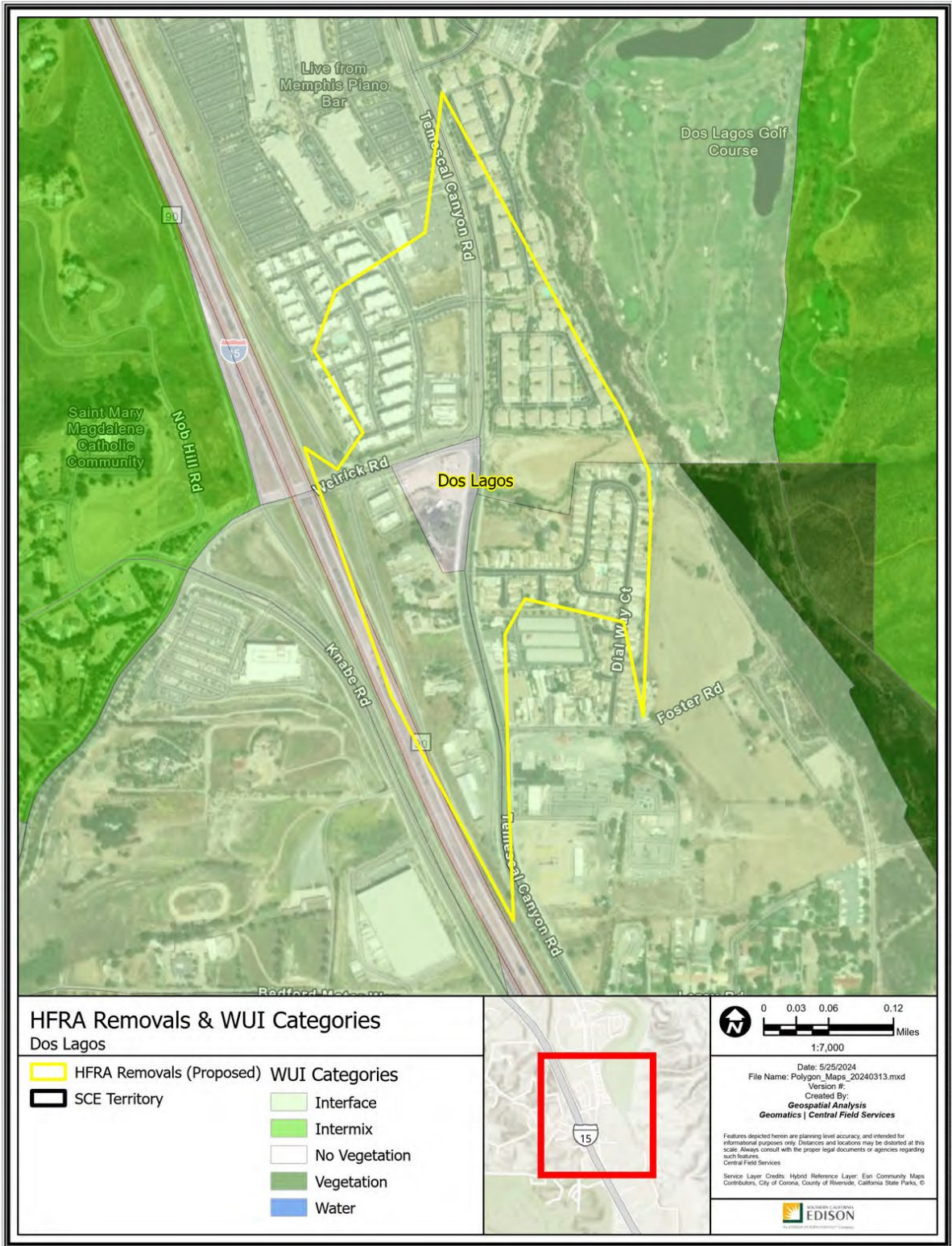
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Service Layer Credits: 8 ft Flame Length (Probability); Hybrid Reference Layer: Esri Community Maps Contributors, City of Corona.

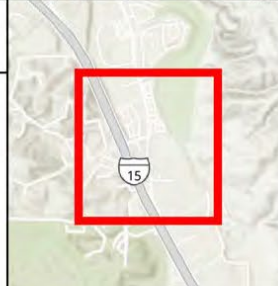


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HFRA Removals & WUI Categories
Dos Lagos

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



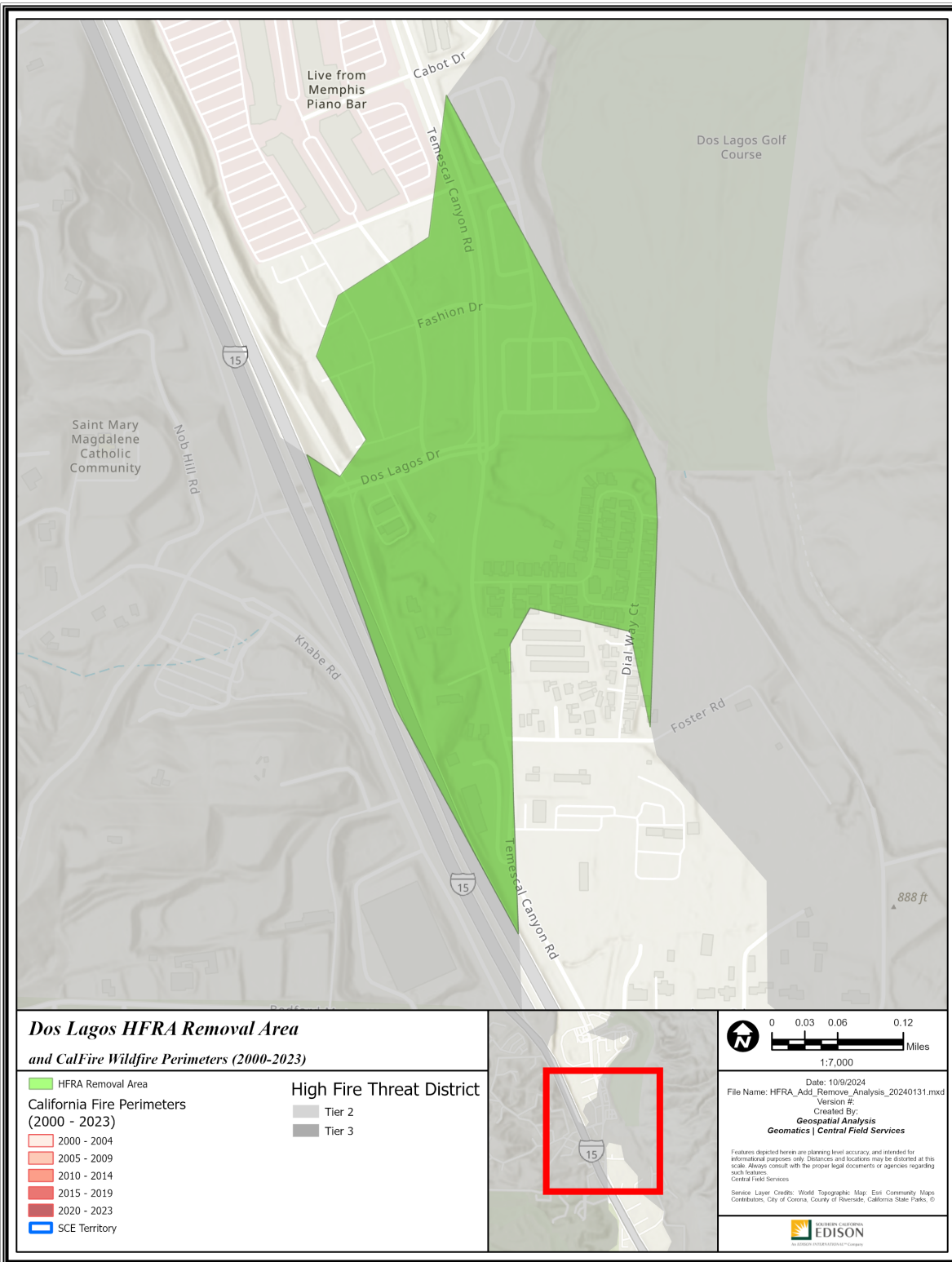
0 0.03 0.06 0.12 Miles
1:7,000

Date: 5/25/2024
File Name: Polygon_Maps_20240313.mxd
Version #:
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Central Field Services

Service Layer Credits: Hybrid Reference Layer: Esri Community Maps Contributors, City of Corona, County of Riverside, California State Parks, ©

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