



## CLEVELAND NATIONAL FOREST POWER LINE REPLACEMENT PROJECTS

### MINOR PROJECT REFINEMENT REQUEST FORM

<b>Date Submitted:</b>	10-05-16	<b>Request #:</b>	001
<b>Date Approval Required:</b>	10-14-16	<b>Landowner:</b>	Varies
<b>APN:</b>	Merrigan Staging Yard: XXX-XXX-XX; Anderson Staging Yard: XXX-XXX-XX and XXX-XXX-XX; and Japatul Spur Staging Yard: XXX-XXX-XX		
<b>Refinement from (check all that apply):</b>			
<input type="checkbox"/> Mitigation Measure	<input type="checkbox"/> APM	<input checked="" type="checkbox"/> Project Description	<input checked="" type="checkbox"/> Drawing
<input type="checkbox"/> Other			
<b>Identify source (mitigation measure, project description, etc.):</b>			
<p>San Diego Gas &amp; Electric Company's (SDG&amp;E's) response to Data Request #10 was submitted to the California Public Utilities Commission (CPUC) in April 2015. This data request included Maps 7, 33, and 34 in Attachment B.3 TL629 Route Map for the Cleveland National Forest Power Line Replacement Projects (Project), which depict the approved locations of one staging yard south of the 69 kilovolt (kV) power line TL629A (i.e., Merrigan Staging Yard) and one staging yard east of TL629A (i.e., Anderson Staging Yard). Maps 33 and 34 of Attachment B.1 TL625 Route Map for the Project depict the approved location of one staging yard south of TL625C (i.e., Japatul Spur Staging Yard<sup>1</sup>).</p> <p>Page B-45 of the Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) states that the Project's staging yards will be used for storage and preparation of construction materials, including replacement poles and conductors and construction equipment before delivery to the individual pole work areas. The information in this Minor Project Refinement request form addresses the proposed refinements associated with minor changes in the location and configuration of the approved Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard.</p>			
<b>Attachments (check all that apply):</b>			
<input checked="" type="checkbox"/> Refinement Screening Form (see Attachment A: Refinement Request Screening Form)	<input type="checkbox"/> Photos	<input checked="" type="checkbox"/> Maps (see Attachment B: Site Maps)	<input type="checkbox"/> Other
<b>Under Order 2 of the Decision Granting SDG&amp;E Permit to Construct the Cleveland National Forest Power Line Replacement Projects (D.16-05-038), the CPUC may approve minor project refinements under certain circumstances. In accordance with Order 2 of the Decision, respond "yes" or "no" to the following questions (a) through (d).</b>			
<p><b>(a) Is the proposed refinement outside the geographic boundary of the EIR/EIS study area?</b> No. The proposed refinement is located within the geographic extent of the EIR/EIS study area. The Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard were included in the EIR/EIS analysis of SDG&amp;E's Proposed Project, which considered information including jurisdictional resources assessments and technical reports for wildlife surveys, rare plant surveys, and vegetation mapping. Figure 1: Merrigan Staging Yard Refinement, Figure 2: Anderson Staging Yard Refinement, and Figure 3: Japatul Spur Staging Yard Refinement, in Attachment B: Site Maps show the boundaries of the refinement areas.</p>			
<p><b>(b) Will the proposed refinement result in a new significant impact or a substantial increase in the severity of a previously identified significant impact based on the criteria used in the EIR/EIS?</b> No. See Attachment A: Refinement Request Screening Form for the detailed assessment.</p>			

<sup>1</sup> The Japatul Spur Staging Yard was identified as a staging yard and fly yard in Maps 33 and 34.

**(c) Does the proposed refinement conflict with any mitigation measure or applicable law or policy? No.**

**(d) Does the proposed refinement trigger an additional permit requirement?** The use of the staging yards was contemplated in the Final EIR/EIS. Additionally, the proposed refinements will not impact jurisdictional waters of the United States or the State; therefore, no additional permits or permit amendments will be required. No additional resources other than those already identified and described in the Final EIR/EIS have been identified within the requested refinement areas.

**Describe refinement being requested (attach drawings and photos as needed):**

SDG&E requests the proposed refinements described in the following paragraphs for the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard. The staging yards were previously described in the Project's EIR/EIS and are associated with wood-to-steel pole conversion, distribution co-location, undergrounding, and single-to-double circuit conversions along TL629 and TL625 and other lines. The following summarizes the requested refinements:

*Merrigan Staging Yard*

- Reconfiguration of the staging yard dimensions and size from approximately 2.78 acres to 3.19 acres in order to utilize an existing graveled and fenced area
- Use of an existing road as a temporary access road, measuring approximately 125 feet long by 30 feet wide, on the north side of the yard

*Anderson Staging Yard*

- Shift of the staging yard approximately 80 feet to the northwest (the dimensions of the yard will remain the same)
- Addition of one new temporary access road on the south side of the yard and the use of one existing road on the north side of the yard, each measuring approximately 30 feet long by 18 feet wide
- Addition of a temporary 120/240V distribution service drop

The southern access road will require clearing vegetation characterized as pastureland/cultivated agriculture and minor grading, and will be returned to pre-construction conditions upon demobilization. In addition, a temporary 120/240V distribution service line will be installed to provide electric power to the construction yard. The new service line will begin at existing Take-off Pole Z40526 located west of the Anderson Staging Yard along Old Highway 80 and then will be strung to an existing guy stub pole adjacent to the east side of Old Highway 80 and terminate at a newly installed temporary wood pole within the fence line of the Anderson Staging Yard. The new service line will be attached to existing poles from an existing navigation road with bucket trucks or on foot. The only ground disturbance that will occur from the installation of the new temporary pole will be within the footprint of the yard. Once the service line extends to the first new pole within the staging yard limits, additional temporary poles may be installed within the staging area as needed to service the construction trailers.

*Japatul Spur Staging Yard*

- Reconfiguration of the staging yard dimensions and size from approximately 3.02 acres to 2.95 acres
- Addition of a temporary 120/240V distribution service drop

The proposed refinements requested for the Japatul Spur Staging Yard include the installation of a temporary 120/240V distribution service line to provide electric power to the construction yard. The new service line will begin at existing Take-off Pole P272909 located north of the Japatul Spur Staging Yard and then will be strung to a newly installed temporary wood pole within the fence line Japatul Spur Staging Yard. The new service line will be attached to an existing pole from an existing navigation road and overland travel with bucket trucks or on foot. The only ground disturbance that will occur from the installation of the new temporary pole will be within the footprint of the yard. Once the service line extends to the first new pole within the staging yard limits, additional temporary poles may be installed within the staging area as needed to service the construction trailers.

Figure 1: Merrigan Staging Yard Refinement, Figure 2: Anderson Staging Yard Refinement, and Figure 3: Japatul Spur Staging Yard Refinement, in Attachment B: Site Maps depict the locations of the approved yards, as well as the requested refinements.

<b>Provide need for refinement (attach drawings and photos as needed):</b>					
<p>The reconfiguration requested for the Merrigan Staging Yard is needed in order to utilize an existing fenced, developed area currently being used as a construction staging yard and avoid additional disturbance to the landowner's property. The addition of the requested use of the existing temporary access road to the north of the Merrigan Staging Yard is needed to access the reconfigured footprint. Figure 1: Merrigan Staging Yard Refinement depicts the location of the approved yard, as well as the requested refinement and the requested use of the existing temporary access road for the Merrigan Staging Yard.</p> <p>The shift that is requested for the Anderson Staging Yard is needed to better align the yard footprint with the existing access road on the northwest side of the yard and avoid additional impacts from creating a new road. The addition of the requested temporary access road on the southwest portion of the Anderson Staging Yard is needed to provide a secondary point of ingress and egress to facilitate full utilization of the yard. The temporary distribution service line is needed to provide power to the construction yard for the operation of trailers and construction equipment. Figure 2: Anderson Staging Yard Refinement depicts the location of the approved yard, the requested refinement, and the requested temporary access road for the Anderson Staging Yard.</p> <p>The reconfiguration that is requested for the Japatul Spur Staging Yard is needed per the landowner's request. The temporary distribution service line is needed to provide power to the construction yard for the operation of trailers and construction equipment. Figure 3: Japatul Spur Staging Yard Refinement depicts the location of the approved yard, as well as the requested refinement for the Japatul Spur Staging Yard.</p>					
<b>Date refinement is expected to be implemented:</b>		10-17-16			
<b>Landowner Approval (if required)</b>					
<b>Landowner Name</b>		<b>Signature or Other Consent (see attached)</b>		<b>Date</b>	
Not Applicable (N/A)		N/A		N/A	
<b>Resource Agency Coordination</b>					
<b>Resource Agency</b>	<b>Name</b>	<b>Action Required</b>	<b>Date</b>	<b>Documentation (see attached if yes)</b>	
Not Applicable (N/A)	N/A	N/A	N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No



**ATTACHMENT A: REFINEMENT REQUEST SCREENING FORM**



# MINOR PROJECT REFINEMENT REQUEST SCREENING FORM

## RESOURCE EVALUATION

The proposed Minor Project Refinement was evaluated to verify that it would not result in a new significant impact or a substantial increase in the severity of a previously identified significant impact based on the criteria used in the Environmental Impact Report/Environmental Impact Statement (EIR/EIS). The following table provides a brief summary of the potential impact for each resource area analyzed in the EIR/EIS and whether the refinement(s) will potentially change the significance level of the impact as identified in the EIR/EIS.

EIR/EIS Section	Summary of Potential Impacts
Visual Resources	<p><i>No Change.</i> The requested refinements associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard, will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact. All three of the yards were previously analyzed and approved in the Final EIR/EIS for storage and preparation of construction materials and equipment.</p> <p>As discussed in the Impact VIS-3 analysis of the Final EIR/EIS, “the establishment of temporary work areas and stringing sites may create impacts as a result of necessary vegetation removal and site preparation activities.” The refinements associated with the reconfiguration of the Merrigan and Japatul Spur Staging Yards resulted in a reduction in vegetation clearing and minor grading. The only increase in impacts is the addition of a new temporary access road leading to the southern portion of the Anderson Staging Yard. The overall acreage equals a net decrease of approximately 2.84 acres. This is due to the reduction in size of Japatul Spur Staging Yard and the realignment of the Merrigan Staging Yard to an existing developed area that results in no additional impacts. Therefore, the proposed refinements will reduce visual resource impacts associated with vegetation removal as analyzed in the EIR/EIS.</p> <p>Temporary wood poles will be installed within the Japatul Spur Staging Yard and at the Anderson Staging Yard sites to provide power to the trailers in the yards. The presence of the temporary wood poles will be visually similar to and in line with the originally intended purpose of the yards. In addition, the poles will be similar in height to the existing distribution poles in the area. Therefore, no additional impacts to visual resources will result from the addition of the distribution taps.</p> <p>These refinements will not increase impacts to a scenic vista or highway, nor will they substantially degrade the existing visual character of the area. The reconfigured and expanded staging yards will all occur on existing roads or previously disturbed areas. Consequently, these refinements will represent a minor change that will not be more noticeable than the staging yards described in the Final EIR/EIS. Thus, the activities associated with the construction and utilization of the refinement areas will be consistent with those described in the Final EIR/EIS for construction.</p> <p>In conclusion, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to visual resources, which was determined to be less than significant (Class III) in the Final EIR/EIS.</p>

<b>EIR/EIS Section</b>	<b>Summary of Potential Impacts</b>
Agriculture and Forestry Resources	<p><i>No Change.</i> The Japatul Spur Staging Yard will not encroach onto agricultural land, nor will it restrict any agricultural activities on or near agricultural land. The shift of the Anderson Staging Yard approximately 80 feet to the northwest will not create any additional impacts to agricultural land as the dimensions will remain the same. The reconfiguration of the Merrigan Staging Yard to an existing developed yard will reduce overall impacts to agricultural lands by approximately 2.78 acres. The existing footprint of the new location of the Merrigan Yard was developed by another project and is approximately 3.19 acres. Therefore, the impacts to agricultural lands will be reduced.</p> <p>In conclusion, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to agriculture and forestry resources, which was determined to be less than significant (Class III) in the Final EIR/EIS.</p>
Air Quality	<p><i>No Change.</i> Activities associated with construction and utilization of the refinement areas will be consistent with those discussed in the Final EIR/EIS for construction of the rest of the Cleveland National Forest Power Line Replacement Projects (Project). The minor reconfigurations and/or size changes of the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard will not change the activities or the number of vehicles that will access and be staged at the yards beyond what was analyzed in the Final EIR/EIS.</p> <p>The expected construction duration associated with the refinements in this Minor Project Refinement request will be similar to the anticipated schedule for construction of the Project. Even with the addition of a new temporary access road to the southern portion of Anderson Staging Yard, a net decrease in grading by approximately 2.84 acre will occur as a result of the refinements associated with the reconfiguration of the Merrigan and Japatul Spur Staging Yards. As a result, fugitive dust and equipment exhaust emissions at the yards will be less than what was analyzed in the Final EIR/EIS.</p> <p>In conclusion, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to air quality, which was determined to be significant and unmitigable (Class I) in the Final EIR/EIS.</p>

EIR/EIS Section	Summary of Potential Impacts
Biological Resources	<p><i>No Change.</i> The staging yards have been analyzed for biological resources and the impacts were assessed in Section D.4.3.3 of the Final EIR/EIS. The staging yards occur in previously disturbed vegetation. Japatul Spur Staging Yard is <i>disturbed (ruderal/barren)</i>, Merrigan Staging Yard is <i>urban and developed/ornamental landscaping</i>, and Anderson Staging Yard is <i>pastureland/cultivated agriculture</i>. In accordance with operational protocol 7.1.3 Preactivity Studies of SDG&amp;E’s Natural Community Conservation Plan (NCCP), a pre-activity survey of staging yards and associated refinement areas was conducted in 2016. Figure 1: Merrigan Staging Yard Refinement, Figure 2: Anderson Staging Yard Refinement, and Figure 3: Japatul Spur Staging Yard Refinement in Attachment B: Site Maps depict the locations of the approved yards, as well as the requested refinements and vegetation survey results. Impacts to native vegetation will not occur due to the proposed refinements as shown in Attachment B: Site Maps. Even with the addition of a new temporary access road to the southern portion of Anderson Staging Yard, a net decrease of approximately 2.84 acre of temporary impacts due to vegetation clearing and minor grading will occur as a result of the refinements associated with the reconfiguration of the Merrigan and Japatul Spur Staging Yards. No special-status wildlife species and no sensitive plant species are known to occur or were identified during the previous surveys within the requested refinement areas. The Anderson Staging Yard occurs within U.S. Fish and Wildlife Service designated critical habitat for arroyo toad as shown in Attachment B: Site Maps. Impacts to arroyo toad critical habitat will be mitigated in accordance with the requirements of the Project’s Mitigation Monitoring, Compliance and Reporting Program, Section 7 Biological Opinion, and 1602 Streambed Alteration Agreement.</p> <p>As a result, no additional impacts to biological resources are anticipated to occur as a result of the requested refinements. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to biological resources, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>
Cultural and Paleontological Resources	<p><i>No Change.</i> The Merrigan Staging Yard, the Anderson Staging Yard, and the Japatul Spur Staging Yard were previously surveyed for cultural resources during pre-construction and cultural resources inventory work, as described in the <i>Inventory, Evaluation and Treatment of Cultural Resources in the Cleveland National Forest Transmission and Distribution Line Increased Fire Safety Project in support of the Proponent’s Environmental Assessment</i>. Portions of the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard were identified as being outside the previous cultural survey coverage. In order to assess the presence or absence of any unknown cultural resources within the footprint of these yards, an intensive pedestrian survey of the proposed areas that fell outside the previous survey coverage was conducted in September 2016. No cultural resources were identified.</p> <p>The proposed refinements will not result in a change in the significance of an historical resource or result in an effect to a historic property, because none of these resources are located within any of the yards. Additionally, the proposed refinements will not cause an adverse change to Traditional Cultural Places as none have been identified in the proposed refinement areas. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to archaeological resources, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p> <p>As indicated in the Final EIR/EIS, TL625 is located within Holocene and Pleistocene colluvium and Pleistocene colluvium, which are designated as Low Sensitivity (Class 2) in the Bureau of Land Management’s Potential Fossil Yield Classification System; TL629 is located within Holocene young alluvium and Holocene and Pleistocene colluvium, which are designated as Undetermined (Class 3). The proposed refinements are located within the same geological formations. Thus, the paleontological monitoring requirements at the</p>

<b>EIR/EIS Section</b>	<b>Summary of Potential Impacts</b>
	refinement areas will remain unchanged. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified potential impact to paleontological resources, which was determined to be no impact in the Final EIR/EIS.
Greenhouse Gas Emissions	<i>No Change.</i> The Final EIR/EIS calculated that the highest construction emissions in any one year will equal approximately 9,017 metric tons of carbon dioxide equivalent (MTCO <sub>2</sub> E) and with implementation of APM-AIR-01 will be reduced to 8,116 MTCO <sub>2</sub> E per year, which is below the greenhouse gas (GHG) threshold of 10,000 MTCO <sub>2</sub> E per year that is applied by the CPUC. The proposed refinements will not increase the amount of heavy equipment utilized nor the number of trips needed to complete construction as contemplated in the Final EIR/EIS; thus, no change in impact will occur. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to GHG emissions, which was determined to be less than significant (Class III) in the Final EIR/EIS.
Public Health and Safety	<i>No Change.</i> The refinement areas associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard will be consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. There are no known hazardous materials sites located in the refinement areas. In accordance with MM PHS-1 and MM PHS-2, construction personnel will receive Worker Environmental Awareness Program training, which will include appropriate work practices and hazardous materials protocol, and BMPs will be implemented in accordance with the Spill Response and Notification Plan to prevent impacts from the release of hazardous materials. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to public health and safety, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.
Fire and Fuels Management	<i>No Change.</i> The refinement areas associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard will be consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. Therefore, the refinements will not result in a new significant impact nor a substantial increase in the severity of a previously identified impact to fire and fuels management, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.

<b>EIR/EIS Section</b>	<b>Summary of Potential Impacts</b>
Hydrology and Water Quality	<p><i>No Change.</i> The requested refinement areas were included in the jurisdictional drainage surveys that were conducted for the Project and analyzed in the Final EIR/EIS and applicable permits. None of the proposed refinement areas contain any waters under the jurisdiction of the California Department of Fish and Wildlife, Regional Water Quality Control Board, or United States Army Corps of Engineers waters, as shown in Figure 1: Merrigan Staging Yard Refinement, Figure 2: Anderson Staging Yard Refinement, and Figure 3: Japatul Spur Staging Yard Refinement in Attachment B: Site Maps. In addition, use of the refinement areas will be consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. Further, the best management practices identified in the applicable Storm Water Pollution Prevention Plan will be implemented at the yards.</p> <p>Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to hydrology and water quality, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>
Land Use and Planning	<p><i>No Change.</i> In accordance with the Construction Notification Plan and MM LU-1, property owners within 1,000 feet of TL625B and TL629E project components were notified of construction activities. Notification of property owners occurred after the footprints for the three yards were revised; therefore, the requested refinements were included in the required notification process. Compared to the approved staging yard configurations, the requested refinements will not introduce a new land use, establish a permanent barrier or obstacle between uses, nor create a physical division or separation of use. In addition, the requested refinements will not conflict with applicable land use plans, policies, or regulation of an agency with jurisdiction over the Project.</p> <p>Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to land use and planning, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>

<b>EIR/EIS Section</b>	<b>Summary of Potential Impacts</b>
Noise	<p><i>No Change.</i> The requested refinement areas associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard, are consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. The addition of the temporary southern access road for the Anderson Staging Yard will slightly increase temporary impacts due to vegetation clearing and minor grading. However, the realignment of the Merrigan Staging Yard to an already developed construction yard will reduce vegetation clearing and grading by 2.78 acres. The decrease in acreage will decrease the noise generated from construction activities, such as large equipment operation during preparation of the yards and access roads for use.</p> <p>Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to noise, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>
Public Services and Utilities	<p><i>No Change.</i> The requested refinement areas are consistent with the Final EIR/FEIS analysis and will not increase or add new impacts to public services and utilities. In addition, the requested refinements will not require new or altered public service facilities for fire protection, municipal water supplies, or telecommunications. Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to public services and utilities, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>
Recreation	<p><i>No Change.</i> The requested refinement areas associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard, are consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. As provided in the Final EIR/EIS, the nearest recreation area to any of the staging yards is Loveland Reservoir, which is located approximately 4.50 miles southwest of the Japatul Spur Staging Yard. Due to its distance from the reservoir, the Japatul Spur Staging Yard will not affect recreational activities at that location. Furthermore, the refinements will not increase local population or housing; thus, there will be no increase in demand for recreational facilities.</p> <p>In conclusion, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to recreation, which was determined to be less than significant with mitigation (Class II) in the Final EIR/EIS.</p>
Transportation and Traffic	<p><i>No Change.</i> The requested refinement areas associated with the Merrigan Staging Yard, Anderson Staging Yard, and Japatul Spur Staging Yard, are consistent with the use of Project staging yards as analyzed in the Final EIR/EIS. The slight modifications to the yards as described previously will not affect transportation or traffic in their vicinity. In addition, the total number of truck trips associated with construction of the Project will not change. As a result, no adverse impacts on traffic flow are anticipated, consistent with the determination provided in the Final EIR/EIS.</p> <p>Therefore, the requested refinements will not result in new significant impacts or a substantial increase in the severity of a previously identified significant impact to transportation and traffic, which was determined to be less than significant with implementation of APM TRANS-01 through TRANS-07 (Class III) in the Final EIR/EIS.</p>

**ATTACHMENT B: SITE MAPS**



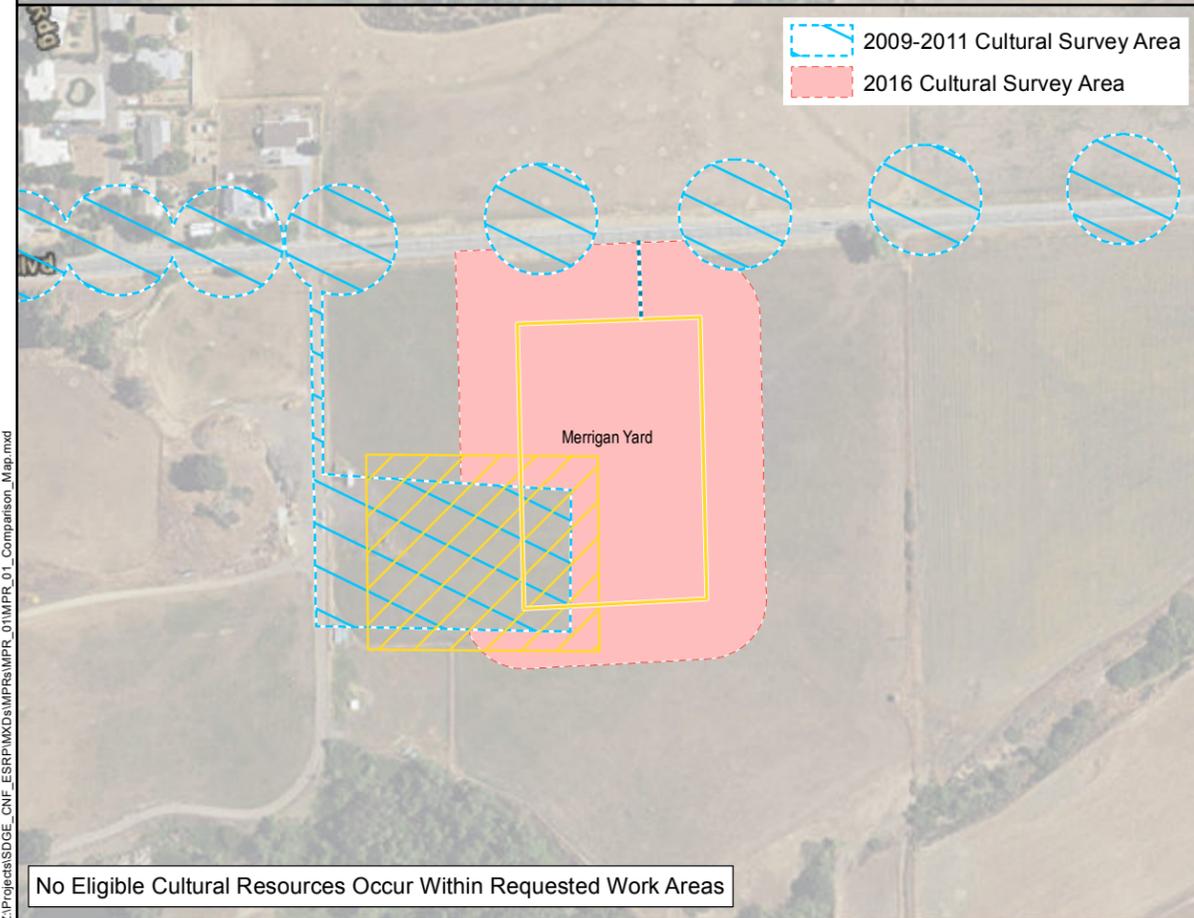
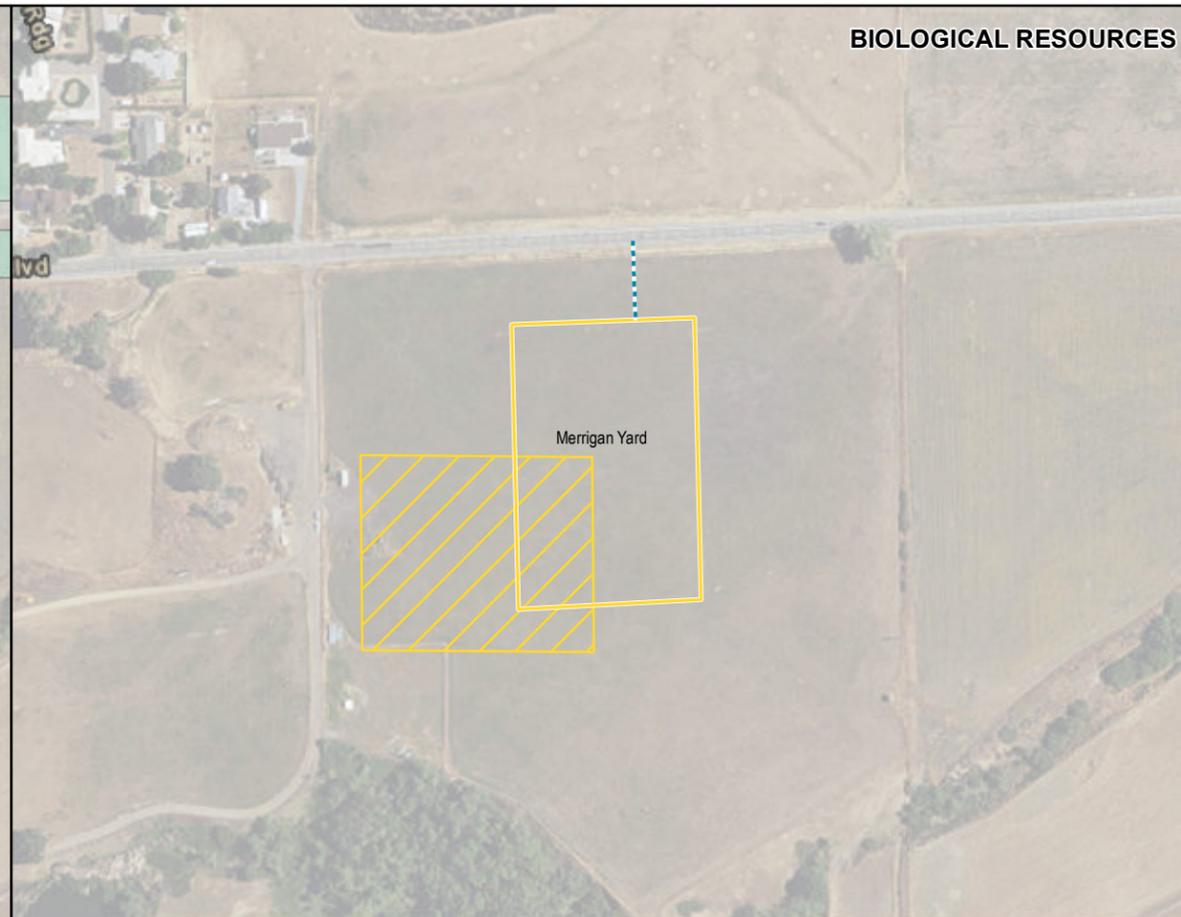
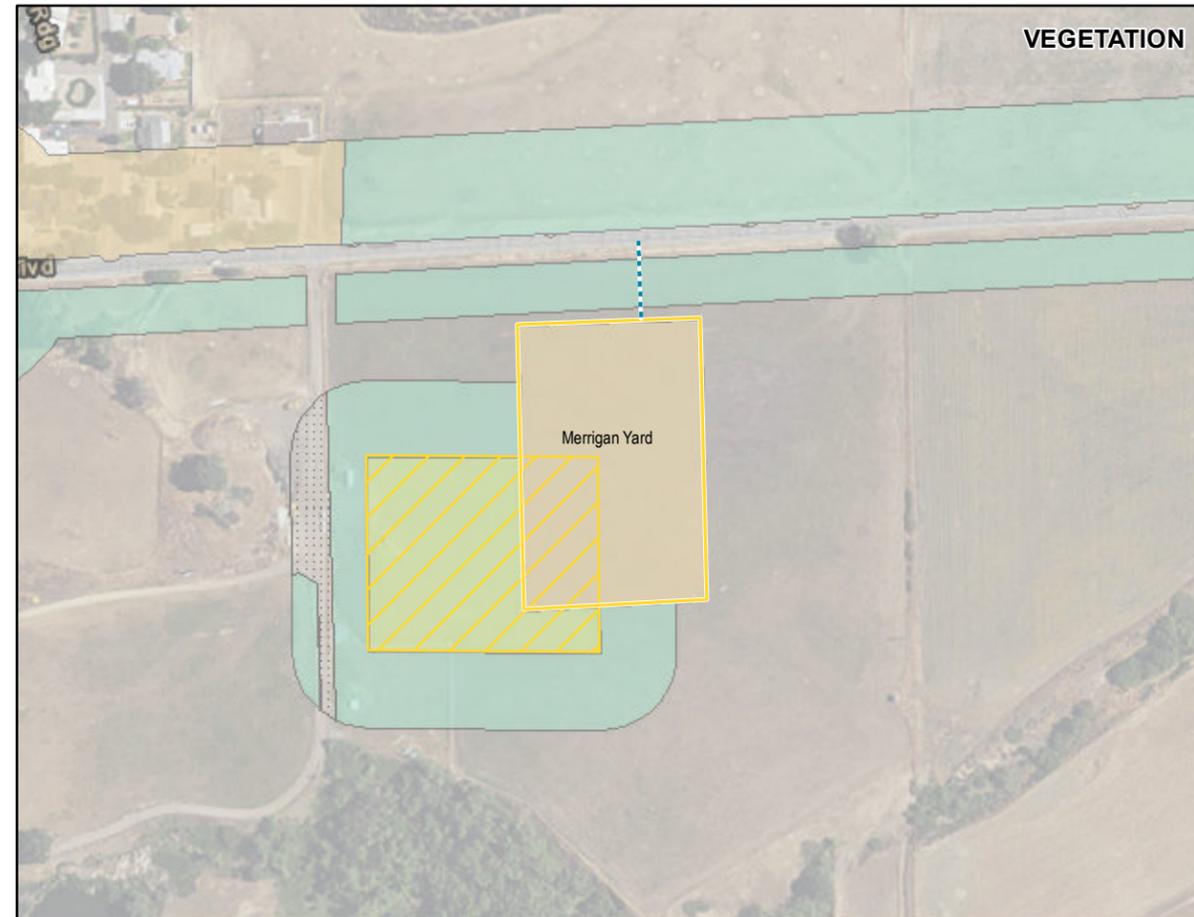
**VEGETATION**

**BIOLOGICAL RESOURCES**

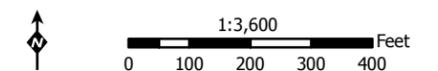
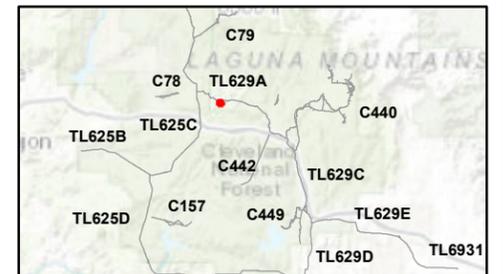
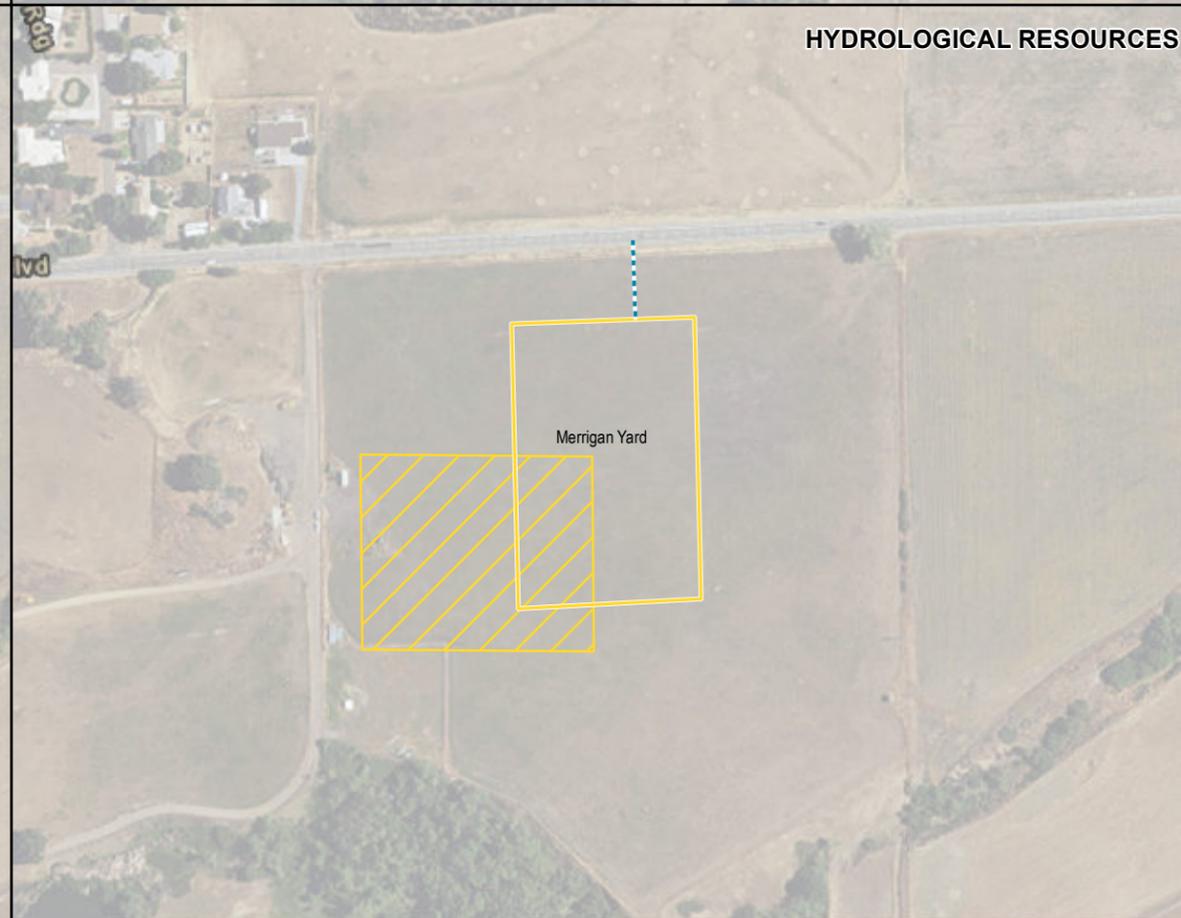
**Figure 1: Merrigan Staging Yard Refinement**

**Cleveland National Forest  
Power Line Replacement Projects**

- ..... Construction Only Access
  - Modified Staging Area
  - ▨ Approved Staging Area
- Vegetation**
- Non-Native Grassland
  - Pastureland/Cultivated Agriculture
  - Urban and Developed/Ornamental Landscaping
  - Disturbed (Ruderal/Barren)



**HYDROLOGICAL RESOURCES**



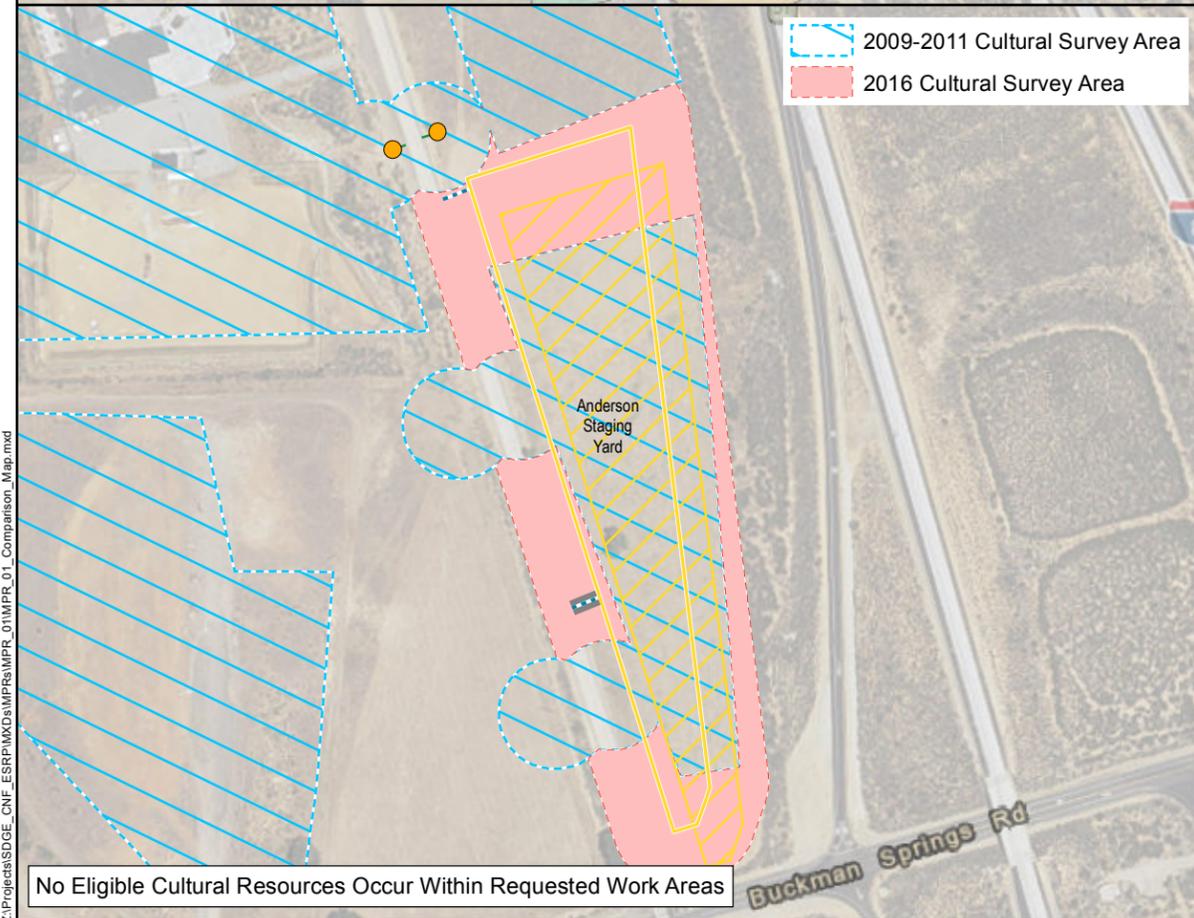
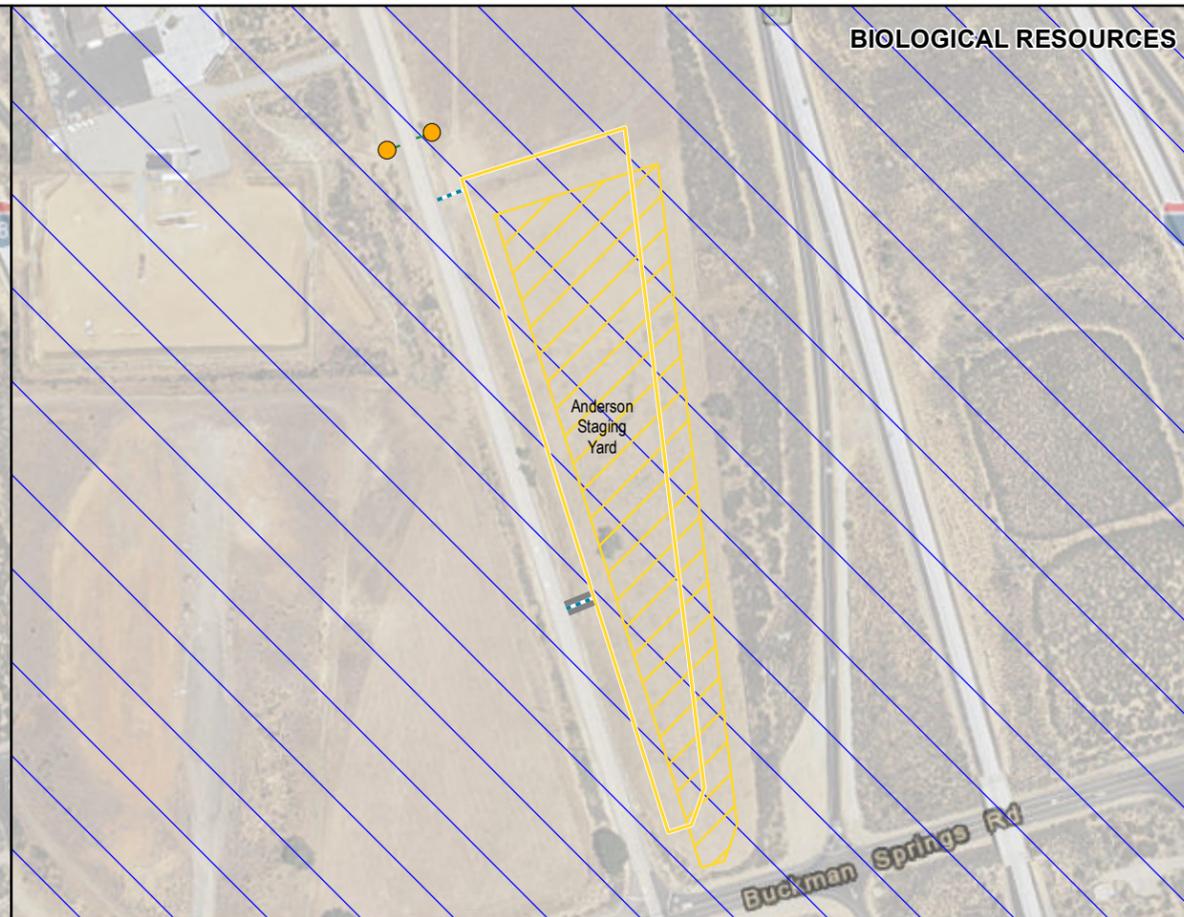
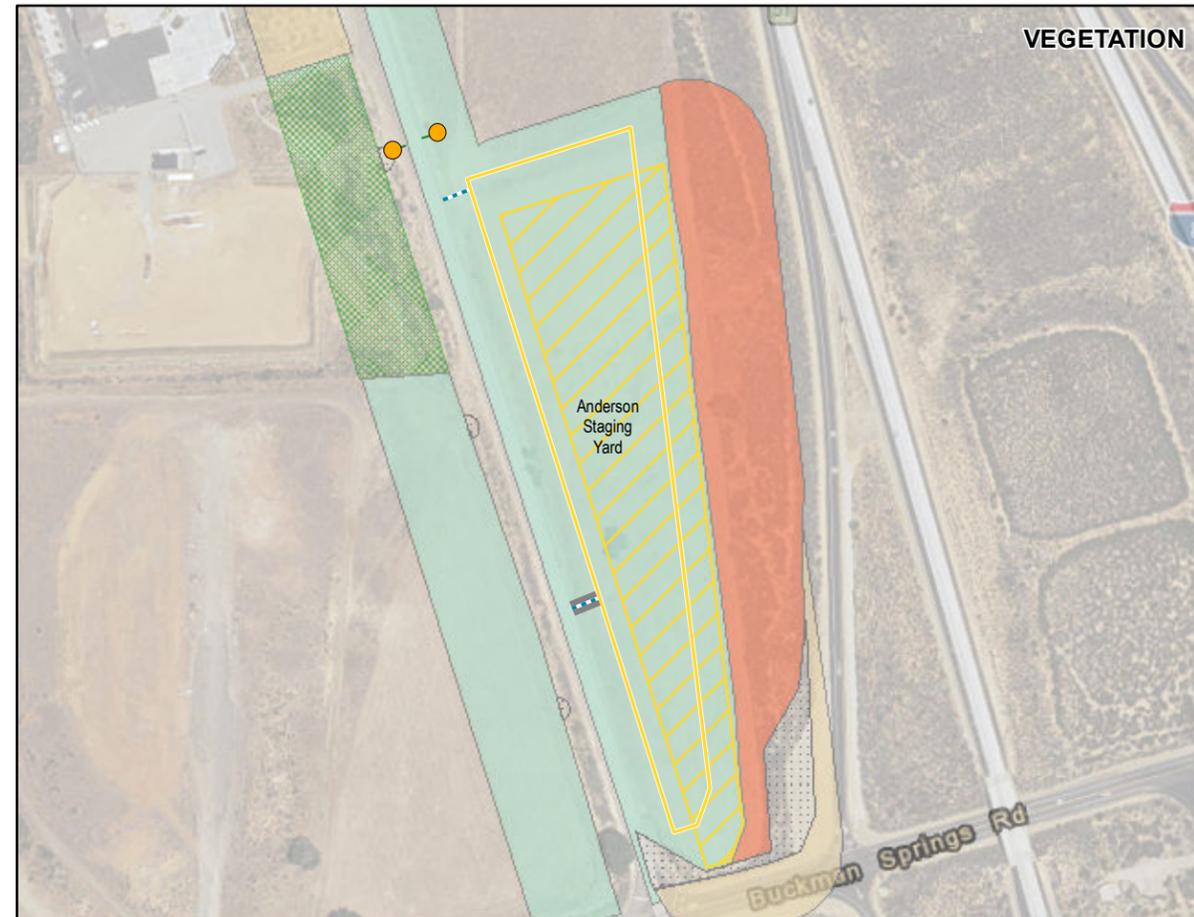
**VEGETATION**

**BIOLOGICAL RESOURCES**

**Figure 2: Anderson Staging Yard Refinement**

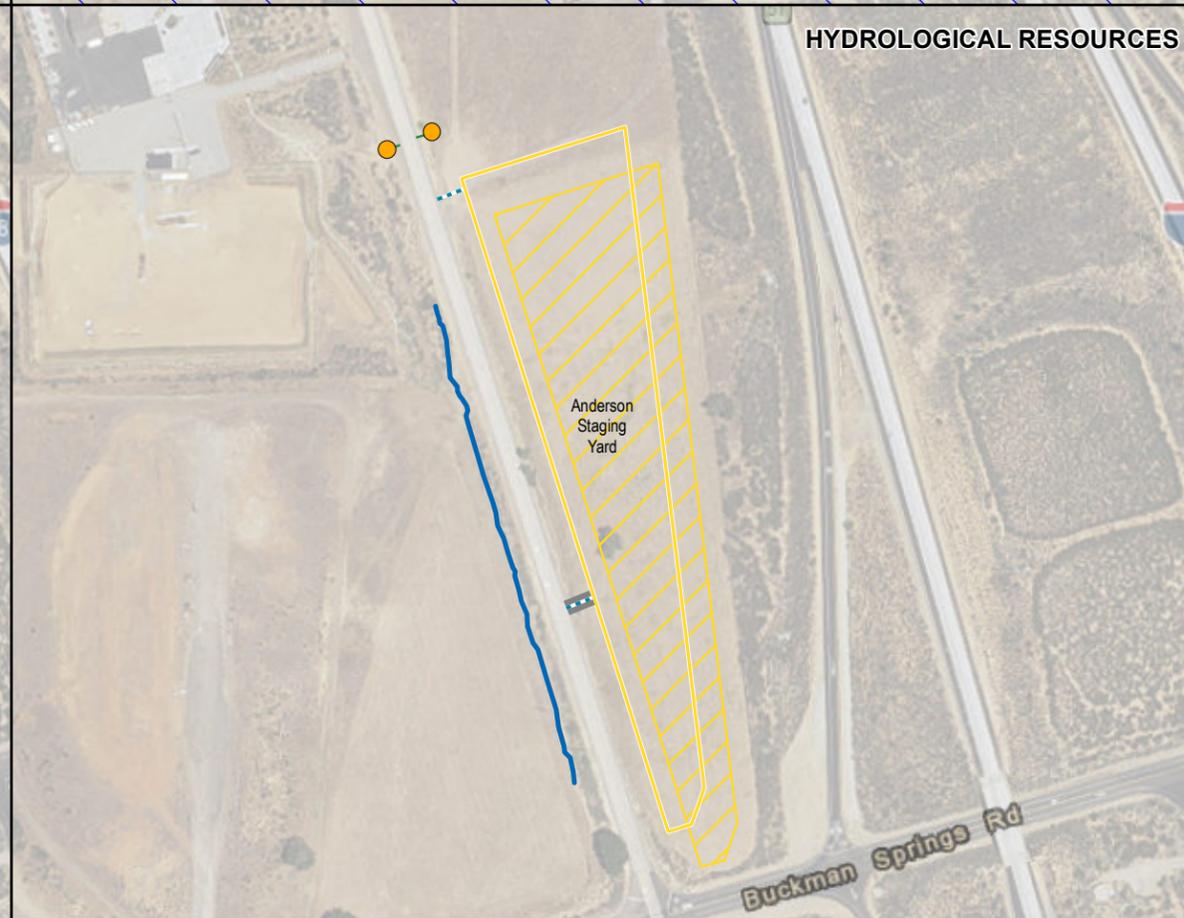
**Cleveland National Forest  
Power Line Replacement Projects**

-  Existing Distribution Pole/Pole Top Work Only
  -  Construction Only Access
  -  Navigation Access
  -  New Access Road
  -  Modified Staging Area
  -  Approved Staging Area
- Vegetation**
-  Diegan Coastal Sage Scrub
  -  Pastureland/Cultivated Agriculture
  -  Southern Mixed Chaparral
  -  Urban and Developed/Ornamental Landscaping
  -  Disturbed (Ruderal/Barren)
  -  Arroyo Toad Critical Habitat
- Hydrological Resources**
-  Surveyed Drainage

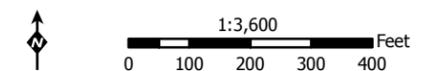
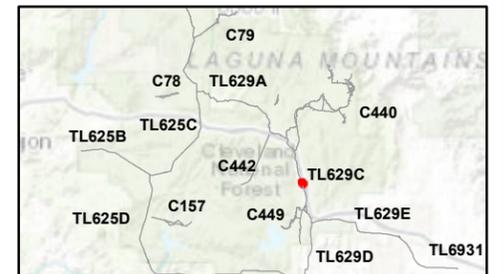


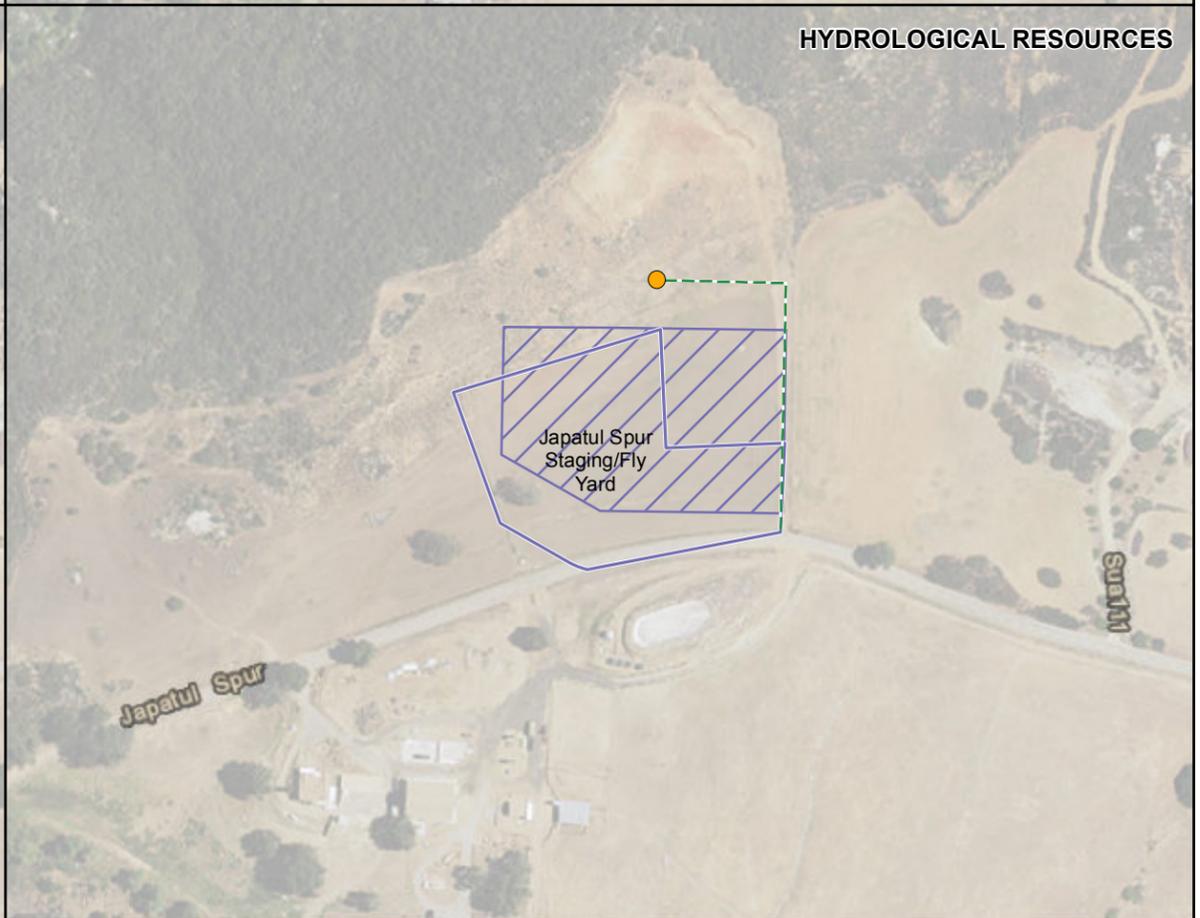
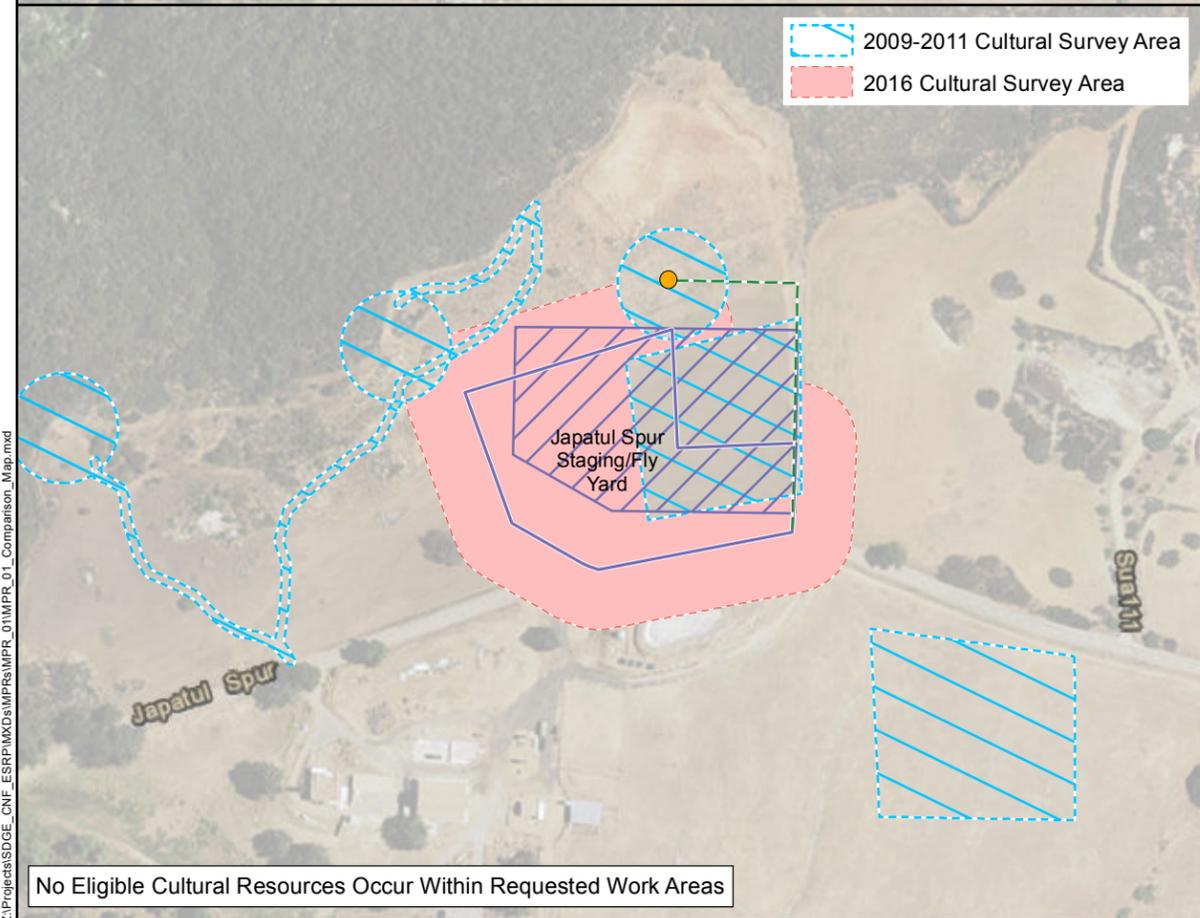
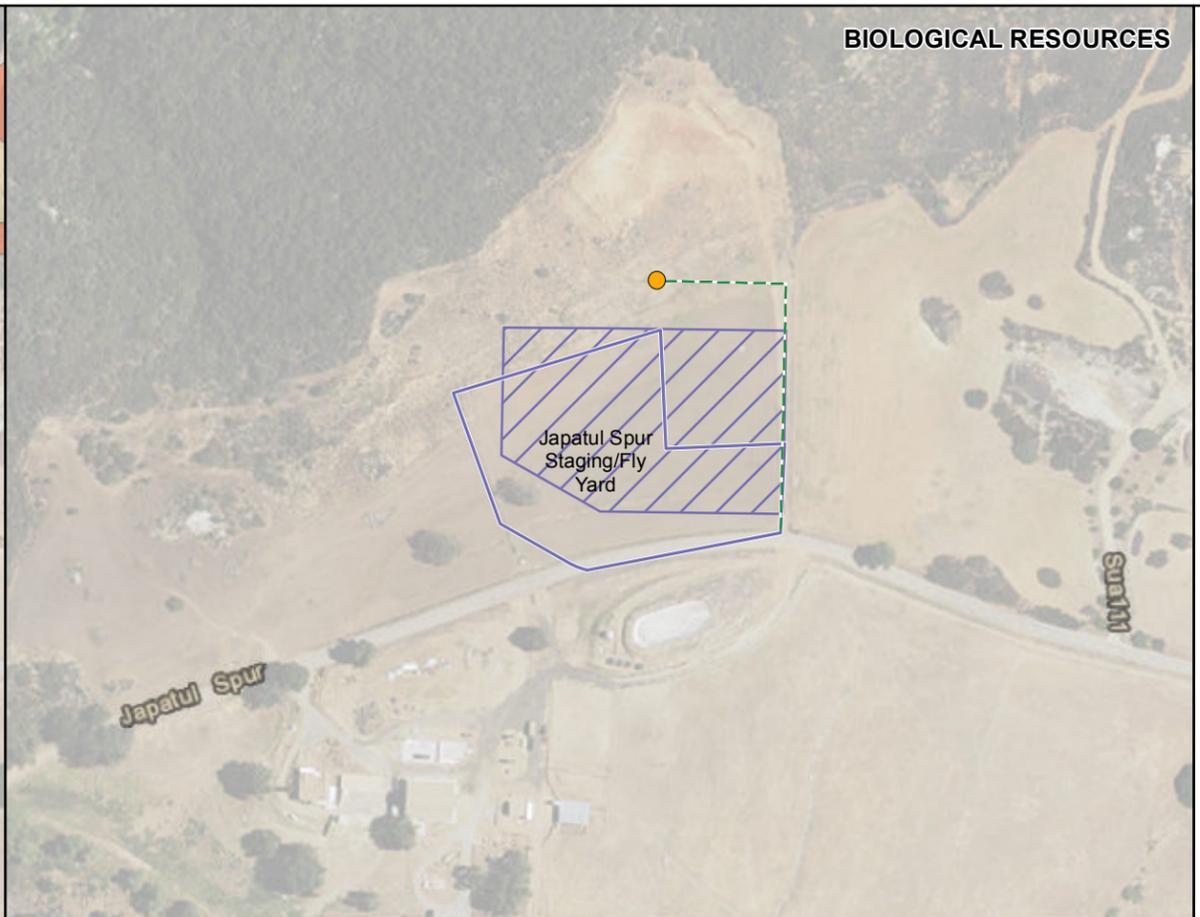
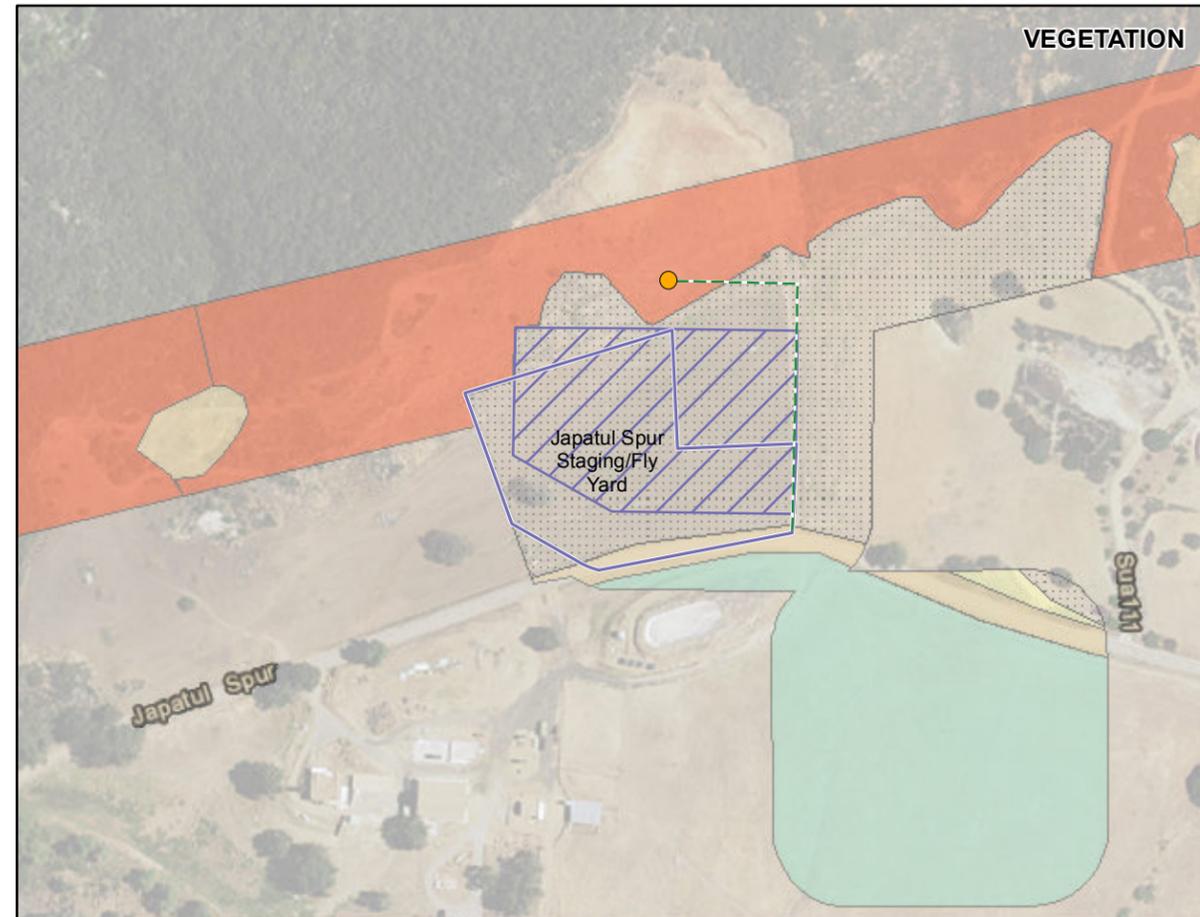
**HYDROLOGICAL RESOURCES**

-  2009-2011 Cultural Survey Area
-  2016 Cultural Survey Area



No Eligible Cultural Resources Occur Within Requested Work Areas





**Figure 3: Japatul Spur Staging Yard Refinement**

**Cleveland National Forest  
Power Line Replacement Projects**

- Existing Distribution Pole/Pole Top Work Only
  - Navigation Access
  - Modified Fly Yard and Staging Area
  - Approved Fly Yard and Staging Area
- Vegetation**
- Pastureland/Cultivated Agriculture
  - Scrub Oak Scrub
  - Southern Mixed Chaparral
  - Urban and Developed/Ornamental Landscaping
  - Disturbed (Ruderal/Barren)

