

DOCKETED

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DATA REQUEST RESPONSE

Responses to California Energy Commission Staff
Data Requests A71 and A72

In support of the

Application for Certification

For the

Stanton Energy Reliability Center

16-AFC-1

Prepared for

Stanton Energy Reliability Center, LLC

September 2017



CH2M Hill Engineers, Inc.
2485 Natomas Park Drive, Suite 600
Sacramento, CA 95833

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Acronyms and Abbreviations

AFC	Application for Certification
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
DBH	diameter at breast height
DR	Data Request
LORS	laws, ordinances, regulations, and standards
SERC	Stanton Energy Reliability Center
SoCalGas	Southern California Gas Company

Introduction

Attached are Stanton Energy Reliability Center, LLC's (Applicant's) responses to California Energy Commission (CEC) Staff data requests (DRs) Set 2, numbers A71 and A72, for the Stanton Energy Reliability Center (SERC) (16-AFC-1). The CEC Staff served the data requests on August 29, 2017 as part of the Discovery process for SERC project licensing.

The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as presented by CEC Staff, and are keyed to the Data Request numbers (A71 and A72). New or revised graphics or tables are numbered in reference to the Data Request number. For example, the first table used in response to Data Request A71 would be numbered Table DRA71-1. The first figure used in response to Data Request A71 would be Figure DRA71-1, and so on.

Additional tables, figures, or documents submitted in response to a data request (supporting data, stand-alone documents such as plans, folding graphics, etc.) are found at the end of a discipline-specific section and are not sequentially page-numbered consistently with the remainder of the document, though they may have their own internal page numbering system.

5.2 Biological Resources (A71-A72)

Notifications of Lake or Streambed Alteration

A71. *Please provide the information that would be included on the Notification of Lake or Streambed Alteration, as required by Fish and Game Code Section 1602, for the utility crossing for the natural gas line via jack/bore on Carbon Creek Channel and the bridge installation (utility and vehicle bridge) by filling out Form CDFW 2023.*

Response: Please see Attachments A71-1 and A71-2 for Forms CDFW 2023 for the utility crossing, vehicle bridge, and jack/bore core of the Carbon Creek Channel.

Trees that Require Removal or Trimming

A72. *For the trees that would require removal and trimming provide their locations on a map at a 1:1,000 scale and identify to species on the map. For all species to be trimmed or removed, provide the following: diameter at breast height (DBH) as measured at 4.5 feet above ground; height (visual estimate only, +/- 20 feet); and current condition and overall health. For each tree identify whether the tree will be trimmed or removed as previously provided in Data Response A64.*

Response: Attachment A72-1 is a technical memorandum that identifies trees on the project site and on the adjacent lot that may require removal or trimming for the SERC, along with their diameter, height, current condition, and overall health.

Attachment DRA71-1
CDFW Form 2023, Utility and Vehicle Bridge Crossing



FOR DEPARTMENT USE ONLY

Date Received	Amount Received	Amount Due	Date Complete	Notification No.
	\$	\$		
Assigned to:				

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Complete EACH field, unless otherwise indicated, following the enclosed instructions and submit ALL required enclosures. Attach additional pages, if necessary.

1. APPLICANT PROPOSING PROJECT

Name	Kara Miles			
Business/Agency	Stanton Energy Reliability Center, LLC (SERC)			
Mailing Address	650 Bercut Drive, Suite A			
City, State, Zip	Sacramento, CA 95811			
Telephone	916-492-9486	Fax	916-880-5318	
Email	kmiles@wpowerllc.com			

2. CONTACT PERSON (Complete only if different from applicant)

Name	Paul Cummins			
Street Address	650 Bercut Drive, Suite C			
City, State, Zip	Sacramento, CA 95811			
Telephone	916-996-2291	Fax		
Email	pcummins@wellhead.com			

3. PROPERTY OWNER (Complete only if different from applicant)

Name	Peter P. Valov and Genevieve Valov			
Street Address	P.O. Box 1711			
City, State, Zip	Sunset Beach, CA 90742			
Telephone	562-708-6005	Fax	562-592-3059	
Email	pvalovsb@aol.com			

4. PROJECT NAME AND AGREEMENT TERM

A. Project Name		SERC utility & vehicle bridges		
B. Agreement Term Requested		<input type="checkbox"/> Regular (5 years or less) <input checked="" type="checkbox"/> Long-term (greater than 5 years)		
C. Project Term		D. Seasonal Work Period		E. Number of Work Days
Beginning (year)	Ending (year)	Start Date (month/day)	End Date (month/day)	
2018	2018	08/01	09/30	
				20



5. AGREEMENT TYPE

Check the applicable box. If box B, C, D, E, or F is checked, complete the specified attachment.	
A.	<input checked="" type="checkbox"/> Standard (Most construction projects, excluding the categories listed below)
B.	<input type="checkbox"/> Gravel/Sand/Rock Extraction (Attachment A) Mine I.D. Number: _____
C.	<input type="checkbox"/> Timber Harvesting (Attachment B) THP Number: _____
D.	<input type="checkbox"/> Water Diversion/Extraction/Impoundment (Attachment C) SWRCB Number: _____
E.	<input type="checkbox"/> Routine Maintenance (Attachment D)
F.	<input type="checkbox"/> Remediation of Marijuana Cultivation Sites (Attachment E)
G.	<input type="checkbox"/> Department Grant Programs Agreement Number: _____
H.	<input type="checkbox"/> Master
I.	<input type="checkbox"/> Master Timber Operations

6. FEES

See the current fee schedule to determine the appropriate notification fee. Itemize each project's estimated cost and corresponding fee. Note: The Department may not process this notification until the correct fee has been received.			
	A. Project	B. Project Cost	C. Project Fee
1	Not Applicable		
2			
3			
4			
5			
6			
7			
8			
9			
10			
		D. Base Fee (if applicable)	
		E. TOTAL FEE*	

* Check, money order, and Visa or MasterCard payments are accepted. When payment is made by credit card, CDFW shall assess a separate credit card processing fee of 1.6% to the Total Fee. Credit card payment must be submitted with a completed Credit Card Payment Authorization Form (DFW 1443b (Rev. 8/15)) available online at: <https://www.wildlife.ca.gov/Conservation/LSA/Forms> or at a Department regional office.



7. PRIOR NOTIFICATION AND ORDERS

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, the Department for the project described in this notification?		
<input type="checkbox"/> Yes (<i>Provide the information below</i>) <input checked="" type="checkbox"/> No		
Applicant	Notification Number	Date
B. Is this notification being submitted in response to a court or administrative order or notice, or a notice of violation (NOV) issued by the Department?		
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (<i>Enclose a copy of the order, notice, or NOV. If the applicant was directed to notify the Department verbally rather than in writing, identify the person who directed the applicant to submit this notification and the agency he or she represents, and describe the circumstances relating to the order.</i>)		
<input type="checkbox"/> <i>Continued on additional page(s)</i>		

8. PROJECT LOCATION

A. Address or description of project location. <i>(Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway)</i>				
8230 Pacific Street & 10711 Dale Avenue, Stanton CA				
The utility and vehicle bridges will connect two parcels, one on each side of the Stanton Storm Channel, to allow construction and operation of the Project. Street addresses for the two parcels are listed above.				
<i>Continued on additional page(s)</i>				
<input type="checkbox"/>				
B. River, stream, or lake affected by the project.		Stanton Storm Channel		
C. What water body is the river, stream, or lake tributary to?		Bolsa Chica Channel		
D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
E. County	Orange			
F. USGS 7.5 Minute Quad Map Name	G. Township	H. Range	I. Section	J. ¼ Section
Anaheim	4S	11W	24	SW
<input type="checkbox"/> <i>Continued on additional page(s)</i>				
K. Meridian (<i>check one</i>)	<input type="checkbox"/> Humboldt <input type="checkbox"/> Mt. Diablo <input checked="" type="checkbox"/> San Bernardino			
L. Assessor's Parcel Number(s)				
126-531-43, 126-531-40, 126-553-18				
<input type="checkbox"/> <i>Continued on additional page(s)</i>				



M. Coordinates (If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes)			
Latitude/Longitude	Latitude: 33.806893°		Longitude: -117.986921°
	<input type="checkbox"/> Degrees/Minutes/Seconds	<input checked="" type="checkbox"/> Decimal Degrees	<input type="checkbox"/> Decimal Minutes
UTM	Easting:	Northing:	<input type="checkbox"/> Zone 10 <input type="checkbox"/> Zone 11
Datum used for Latitude/Longitude or UTM		<input type="checkbox"/> NAD 27	<input checked="" type="checkbox"/> NAD 83 or WGS 84

9. PROJECT CATEGORY

WORKTYPE	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR-MAINTAIN-OPERATE EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bank stabilization – rip-rap/retaining wall/gabion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat dock/pier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat ramp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel clearing/vegetation management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Culvert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filling of wetland, river, stream, or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat enhancement – revegetation/mitigation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low water crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road/trail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment removal: pond, stream, or marina	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
flood control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storm drain outfall structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary stream crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility crossing: horizontal directional drilling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
jack/bore	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
open trench	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water diversion without facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water diversion with facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



10. PROJECT DESCRIPTION

- A. Describe the project in detail. Include photographs of the project location and immediate surrounding area.
- Written description of all project activities with detailed step-by-step description of project implementation.
 - Include any structures (e.g., rip-rap, culverts) that will be placed or modified in or near the stream, river, or lake, and any channel clearing.
 - Specify volume, and dimensions of all materials and features (e.g., rip rap fields) that will be used or installed.
 - If water will be diverted or drafted, specify the purpose or use.
 - Enclose diagrams, drawings, plans, and maps that provide all of the following: site specific construction details; dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; overview of the entire project area (i.e., “bird’s-eye view”) showing the location of each structure and/or activity, significant area features, stockpile areas, areas of temporary disturbance, and where the equipment/machinery will access the project area.

Attachment DRA48-1, included in the Applicant’s response to Data Request A48, included preliminary designs for the traffic and utility bridges. In each case, the new bridge is shown to be supported by concrete abutments constructed on each side of the existing flood control channel. These abutments will be constructed adjacent to the existing flood control channel concrete lining, but will result in no disturbance to the existing concrete channel. Both bridges will span the entire width of the flood control channel without the need for intermediate supports.

Continued on additional page(s)

- B. Specify the equipment and machinery that will be used to complete the project.

Equipment needed to complete the project will include those items necessary to prepare footings/foundations, and to place pre-formed concrete and steel crossing members. Expected equipment includes excavator, front-end loader, trencher, forklift, manlift and crane.

Continued on additional page(s)

- C. Will water be present during the proposed work period (specified in box 4.D) in the stream, river, or lake (specified in box 8.B). Yes No (Skip to box 11)

- D. Will the proposed project require work in the wetted portion of the channel? Yes (Enclose a plan to divert water around work site) No



11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and bank of the river, stream, or lake, and the associated riparian habitat. Specify the dimensions of the modifications in length (linear feet) and area (square feet or acres) and the type and volume of material (cubic yards) that will be moved, displaced, or otherwise disturbed, if applicable.

The bridges will span the channel and there will be no direct impacts to the bed, bank, or channel of the drainage canal. There is no riparian habitat in the channel as it is lined with concrete.

Continued on additional page(s)

B. Will the project affect any vegetation? Yes (*Complete the tables below*) No (*Include aerial photo with date supporting this determination*)

Vegetation Type	Temporary Impact	Permanent Impact
NA	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____

Tree Species	Number of Trees to be Removed	Trunk Diameter (range)
None		

Continued on additional page(s)

C. Are any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?

Yes (*List each species and/or describe the habitat below*) No Unknown

Continued on additional page(s)

D. Identify the source(s) of information that supports a “yes” or “no” answer above in Box 11.C.

Stanton Energy Reliability Center Application for Certification Continued on additional page(s)

E. Has a biological study been completed for the project site?

Yes (*Enclose the biological study*) No

Note: A biological assessment or study may be required to evaluate potential project impacts on biological resources.



F. Has a hydrological study been completed for the project or project site?

Yes (*Enclose the hydrological study*) No

Note: A hydrological study or other information on site hydraulics (e.g., flows, channel characteristics, and/or flood recurrence intervals) may be required to evaluate potential project impacts on hydrology.

G. Have fish or wildlife resources or waters of the state been mapped or delineated on the project site?

Yes (*Enclose the mapped results*) No

Note: Check “yes” if fish and wildlife resources or waters of the state on the project site have been mapped or delineated. “Wildlife” means and includes all wild animals, birds, plants, fish, amphibians, reptiles and related ecological communities, including the habitat upon which the wildlife depends.” (Fish & G. Code, § 89.5.) If “yes” is checked, submit the mapping or delineation. If the mapping or delineation is in digital format (e.g., GIS shape files or KMZ), you must submit the information in this format for the Department to deem your notification complete. If “no” is checked, or the resolution of the mapping or delineation is insufficient, the Department may request mapping or delineation (in digital or non-digital format), or higher resolution mapping or delineation for the Department to deem the notification complete.

12. MEASURES TO PROTECT FISH, WILDLIFE, AND PLANT RESOURCES

A. Describe the techniques that will be used to prevent sediment from entering watercourses during and after construction.

Prior to commencement of construction, the Project will prepare a Stormwater Pollution Prevention Plan (SWPPP) in compliance with California’s General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (General Permit) Order No. 2009-0009-DWQ as amended in 2010 and 2012 (NPDES No. CAS000002) issued by the State Water Resources Control Board (State Water Board), and will install and employ Best Management Practices (BMPs) prescribed therein to prevent sediment from entering watercourses during and after construction.

Continued on additional page(s)

B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.

The Project site ranges from being developed to highly disturbed. Chapter 5.2 of the AFC describes the biological setting of the Project in much greater detail, but in general, no impacts to fish, wildlife, or plant resources is predicted. However, a preconstruction survey will be conducted prior to commencement of construction in order to confirm the earlier biological study conclusions, i.e. no expected impacts.

Continued on additional page(s)

C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.

The project will not require any mitigation or compensation measures to protect fish, wildlife, or plant resources.

Continued on additional page(s)



13. PERMITS

List any local, State, and federal permits required for the project and check the corresponding box(es). Enclose a copy of each permit that has been issued.

- A. California Energy Commission Site Certification _____ Applied Issued
- B. _____ Applied Issued
- C. _____ Applied Issued
- D. Unknown whether local, State, or federal permit is needed for the project. *(Check each box that applies)*

Continued on additional page(s)

14. ENVIRONMENTAL REVIEW

A. Has a draft or final document been prepared for the project pursuant to the California Environmental Quality Act (CEQA) and/or National Environmental Protection Act (NEPA)?

- Yes *(Check the box for each CEQA or NEPA document that has been prepared and enclose a copy of each.)*
- No *(Check the box for each CEQA or NEPA document listed below that will be or is being prepared.)*

- | | | |
|---|---|--|
| <input type="checkbox"/> Notice of Exemption | <input type="checkbox"/> Mitigated Negative Declaration | <input type="checkbox"/> NEPA document (type):
Other - CEC Preliminary Staff Assessment (PSA) under preparation - CEQA equivalent |
| <input type="checkbox"/> Initial Study | <input type="checkbox"/> Environmental Impact Report | |
| <input type="checkbox"/> Negative Declaration | <input type="checkbox"/> Notice of Determination <i>(Enclose)</i> | |
| <input type="checkbox"/> THP/NTMP | <input type="checkbox"/> Mitigation, Monitoring, Reporting Plan | |

B. State Clearinghouse Number *(if applicable)* | Not applicable

C. Has a CEQA lead agency been determined? Yes *(Complete boxes D, E, and F)* No *(Skip to box 14.G)*

D. CEQA Lead Agency | California Energy Commission (certified regulatory program)

E. Contact Person | John Heiser | F. Telephone Number | 916-653-8236

G. If the project described in this notification is not the "whole project" or action pursuant to CEQA, briefly describe the entire project (Cal. Code Regs., tit. 14, § 15378).

Continued on additional page(s)

H. Has a CEQA filing fee been paid pursuant to Fish and Game Code section 711.4?

- Yes *(Enclose proof of payment)* No *(Briefly explain below the reason a CEQA filing fee has not been paid)*

Will be paid on the day the CEC's Final Decision is certified.

Note: If a CEQA filing fee is required, the Lake or Streambed Alteration Agreement may not be finalized until paid.



15. SITE INSPECTION

Check one box only.

In the event the Department determines that a site inspection is necessary, I hereby authorize a Department representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant the Department such entry.

I request the Department to first contact (*insert name*) _____ at (*insert telephone number*) _____ to schedule a date and time to enter the property where the project described in this notification will take place. I understand that this may delay the Department’s determination as to whether a Lake or Streambed Alteration Agreement is required and/or the Department’s issuance of a draft agreement pursuant to this notification.

16. DIGITAL FORMAT

Is any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?

Yes (Please enclose the information via digital media with the completed notification form)

No

17. SIGNATURE

I hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, the Department may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless the Department has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.

 Signature of Applicant or Applicant’s Authorized Representative Date _____

 Print Name

Attachment DRA71-2
CDFW Form 2023, Carbon Creek Crossing



FOR DEPARTMENT USE ONLY

Date Received	Amount Received	Amount Due	Date Complete	Notification No.
	\$	\$		
Assigned to:				

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Complete EACH field, unless otherwise indicated, following the enclosed instructions and submit ALL required enclosures. Attach additional pages, if necessary.

1. APPLICANT PROPOSING PROJECT

Name	Kara Miles			
Business/Agency	Stanton Energy Reliability Center, LLC (SERC)			
Mailing Address	650 Bercut Drive, Suite A			
City, State, Zip	Sacramento, CA 95811			
Telephone	916-492-9486	Fax	916-880-5318	
Email	kmiles@wpowerllc.com			

2. CONTACT PERSON (Complete only if different from applicant)

Name	Paul Cummins			
Street Address	650 Bercut Drive, Suite A			
City, State, Zip	Sacramento, CA 95811			
Telephone	916-996-2291	Fax		
Email	pcummins@wellhead.com			

3. PROPERTY OWNER (Complete only if different from applicant)

Name	County of Orange - Carbon Creek storm channel			
Street Address				
City, State, Zip				
Telephone		Fax		
Email				

4. PROJECT NAME AND AGREEMENT TERM

A. Project Name		Stanton Energy Reliability Center natural gas pipeline		
B. Agreement Term Requested		<input type="checkbox"/> Regular (5 years or less) <input checked="" type="checkbox"/> Long-term (greater than 5 years)		
C. Project Term		D. Seasonal Work Period		E. Number of Work Days
Beginning (year)	Ending (year)	Start Date (month/day)	End Date (month/day)	
2019	2019	5/1	7/31	
				30



5. AGREEMENT TYPE

Check the applicable box. If box B, C, D, E, or F is checked, complete the specified attachment.	
A.	<input checked="" type="checkbox"/> Standard (Most construction projects, excluding the categories listed below)
B.	<input type="checkbox"/> Gravel/Sand/Rock Extraction (Attachment A) Mine I.D. Number: _____
C.	<input type="checkbox"/> Timber Harvesting (Attachment B) THP Number: _____
D.	<input type="checkbox"/> Water Diversion/Extraction/Impoundment (Attachment C) SWRCB Number: _____
E.	<input type="checkbox"/> Routine Maintenance (Attachment D)
F.	<input type="checkbox"/> Remediation of Marijuana Cultivation Sites (Attachment E)
G.	<input type="checkbox"/> Department Grant Programs Agreement Number: _____
H.	<input type="checkbox"/> Master
I.	<input type="checkbox"/> Master Timber Operations

6. FEES

See the current fee schedule to determine the appropriate notification fee. Itemize each project's estimated cost and corresponding fee. Note: The Department may not process this notification until the correct fee has been received.		
A. Project	B. Project Cost	C. Project Fee
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
	D. Base Fee (if applicable)	
	E. TOTAL FEE*	

* Check, money order, and Visa or MasterCard payments are accepted. When payment is made by credit card, CDFW shall assess a separate credit card processing fee of 1.6% to the Total Fee. Credit card payment must be submitted with a completed Credit Card Payment Authorization Form (DFW 1443b (Rev. 8/15)) available online at: <https://www.wildlife.ca.gov/Conservation/LSA/Forms> or at a Department regional office.



7. PRIOR NOTIFICATION AND ORDERS

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, the Department for the project described in this notification?		
<input type="checkbox"/> Yes (<i>Provide the information below</i>)		<input checked="" type="checkbox"/> No
Applicant	Notification Number	Date
B. Is this notification being submitted in response to a court or administrative order or notice, or a notice of violation (NOV) issued by the Department?		
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (<i>Enclose a copy of the order, notice, or NOV. If the applicant was directed to notify the Department verbally rather than in writing, identify the person who directed the applicant to submit this notification and the agency he or she represents, and describe the circumstances relating to the order.</i>)		
<input type="checkbox"/> <i>Continued on additional page(s)</i>		

8. PROJECT LOCATION

A. Address or description of project location. <i>(Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway)</i>				
Carbon Creek Channel at South Dale Avenue, Anaheim, California. The natural gas pipeline will bore under the creek channel in the alignment of South Dale Avenue.				
<input type="checkbox"/> <i>Continued on additional page(s)</i>				
B. River, stream, or lake affected by the project.		Carbon Creek		
C. What water body is the river, stream, or lake tributary to?		Coyote Creek/San Gabriel River		
D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
			<input type="checkbox"/> Unknown	
E. County	Orange			
F. USGS 7.5 Minute Quad Map Name	G. Township	H. Range	I. Section	J. ¼ Section
Anaheim	4S	11W	13	NW
<input type="checkbox"/> <i>Continued on additional page(s)</i>				
K. Meridian (<i>check one</i>)	<input type="checkbox"/> Humboldt <input type="checkbox"/> Mt. Diablo <input checked="" type="checkbox"/> San Bernardino			
L. Assessor's Parcel Number(s)				
Not applicable, crossing of creek channel under public thoroughfare, South Dale Avenue				
<input type="checkbox"/> <i>Continued on additional page(s)</i>				



M. Coordinates (If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes)			
Latitude/Longitude	Latitude: 33 49' 48.18"		Longitude: 117 59' 05.05"
	<input checked="" type="checkbox"/> Degrees/Minutes/Seconds	<input type="checkbox"/> Decimal Degrees	<input type="checkbox"/> Decimal Minutes
UTM	Easting: 408,879	Northing: 3,743,750	<input type="checkbox"/> Zone 10 <input checked="" type="checkbox"/> Zone 11
Datum used for Latitude/Longitude or UTM		<input type="checkbox"/> NAD 27	<input checked="" type="checkbox"/> NAD 83 or WGS 84

9. PROJECT CATEGORY

WORKTYPE	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR-MAINTAIN-OPERATE EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bank stabilization – rip-rap/retaining wall/gabion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat dock/pier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat ramp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel clearing/vegetation management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Culvert	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filling of wetland, river, stream, or lake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat enhancement – revegetation/mitigation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low water crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road/trail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment removal: pond, stream, or marina	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
flood control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storm drain outfall structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary stream crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility crossing: horizontal directional drilling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
jack/bore	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
open trench	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water diversion without facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water diversion with facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



10. PROJECT DESCRIPTION

- A. Describe the project in detail. Include photographs of the project location and immediate surrounding area.
- Written description of all project activities with detailed step-by-step description of project implementation.
 - Include any structures (e.g., rip-rap, culverts) that will be placed or modified in or near the stream, river, or lake, and any channel clearing.
 - Specify volume, and dimensions of all materials and features (e.g., rip rap fields) that will be used or installed.
 - If water will be diverted or drafted, specify the purpose or use.
 - Enclose diagrams, drawings, plans, and maps that provide all of the following: site specific construction details; dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; overview of the entire project area (i.e., “bird’s-eye view”) showing the location of each structure and/or activity, significant area features, stockpile areas, areas of temporary disturbance, and where the equipment/machinery will access the project area.

Install natural gas pipeline to provide gas supply to the Stanton Energy Reliability Center. The Southern California Gas Company (SoCalGas) pipeline will be installed under Carbon Creek using the jack-and-bore method, and will not affect the creek bed or the concrete creek liner underpassing S. Dale Avenue.

Continued on additional page(s)

B. Specify the equipment and machinery that will be used to complete the project.

Installation of the gas pipeline under Carbon Creek channel will require a variety of construction equipment, e.g. asphalt grinder, boom truck, excavator, boring machine, front-end loader, forklift, dump truck, pipe truck, street sweeper, vacuum truck, water truck and welding trucks.

Continued on additional page(s)

C. Will water be present during the proposed work period (specified in box 4.D) in the stream, river, or lake (specified in box 8.B). Yes No (*Skip to box 11*)

D. Will the proposed project require work in the wetted portion of the channel? Yes (*Enclose a plan to divert water around work site*) No



11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and bank of the river, stream, or lake, and the associated riparian habitat. Specify the dimensions of the modifications in length (linear feet) and area (square feet or acres) and the type and volume of material (cubic yards) that will be moved, displaced, or otherwise disturbed, if applicable.

Bed, channel, and bank will be avoided. There will be no impacts. There is no vegetation in the channel.

Continued on additional page(s)

B. Will the project affect any vegetation? Yes (*Complete the tables below*) No (*Include aerial photo with date supporting this determination*)

Vegetation Type	Temporary Impact	Permanent Impact
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____

Tree Species	Number of Trees to be Removed	Trunk Diameter (range)

Continued on additional page(s)

C. Are any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?

Yes (*List each species and/or describe the habitat below*) No Unknown

Continued on additional page(s)

D. Identify the source(s) of information that supports a “yes” or “no” answer above in Box 11.C.

Continued on additional page(s)

E. Has a biological study been completed for the project site?

Yes (*Enclose the biological study*) No

Note: A biological assessment or study may be required to evaluate potential project impacts on biological resources.



F. Has a hydrological study been completed for the project or project site?

Yes (*Enclose the hydrological study*) No

Note: A hydrological study or other information on site hydraulics (e.g., flows, channel characteristics, and/or flood recurrence intervals) may be required to evaluate potential project impacts on hydrology.

G. Have fish or wildlife resources or waters of the state been mapped or delineated on the project site?

Yes (*Enclose the mapped results*) No

Note: Check “yes” if fish and wildlife resources or waters of the state on the project site have been mapped or delineated. “Wildlife” means and includes all wild animals, birds, plants, fish, amphibians, reptiles and related ecological communities, including the habitat upon which the wildlife depends.” (Fish & G. Code, § 89.5.) If “yes” is checked, submit the mapping or delineation. If the mapping or delineation is in digital format (e.g., GIS shape files or KMZ), you must submit the information in this format for the Department to deem your notification complete. If “no” is checked, or the resolution of the mapping or delineation is insufficient, the Department may request mapping or delineation (in digital or non-digital format), or higher resolution mapping or delineation for the Department to deem the notification complete.

12. MEASURES TO PROTECT FISH, WILDLIFE, AND PLANT RESOURCES

A. Describe the techniques that will be used to prevent sediment from entering watercourses during and after construction.

The channel is avoided. Site-specific measures are not needed. The project will use the General Construction NPDES Permit and follow relevant procedures and Best Management Practices for sedimentation prevention.

Continued on additional page(s)

B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.

Jack-and-bore under the the channel - avoids the channel.

Continued on additional page(s)

C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.

NA

Continued on additional page(s)



13. PERMITS

List any local, State, and federal permits required for the project and check the corresponding box(es). Enclose a copy of each permit that has been issued.

- A. California Energy Commission Site Certification _____ Applied Issued
- B. _____ Applied Issued
- C. _____ Applied Issued
- D. Unknown whether local, State, or federal permit is needed for the project. (Check each box that applies)

Continued on additional page(s)

14. ENVIRONMENTAL REVIEW

A. Has a draft or final document been prepared for the project pursuant to the California Environmental Quality Act (CEQA) and/or National Environmental Protection Act (NEPA)?

- Yes (Check the box for each CEQA or NEPA document that has been prepared and enclose a copy of each.)
- No (Check the box for each CEQA or NEPA document listed below that will be or is being prepared.)

- | | | |
|---|---|--|
| <input type="checkbox"/> Notice of Exemption | <input type="checkbox"/> Mitigated Negative Declaration | <input type="checkbox"/> NEPA document (type):

Other - CEC Preliminary Staff Assessment under preparation - CEQA equivalent |
| <input type="checkbox"/> Initial Study | <input type="checkbox"/> Environmental Impact Report | |
| <input type="checkbox"/> Negative Declaration | <input type="checkbox"/> Notice of Determination (Enclose) | |
| <input type="checkbox"/> THP/NTMP | <input type="checkbox"/> Mitigation, Monitoring, Reporting Plan | |

B. State Clearinghouse Number (if applicable)

C. Has a CEQA lead agency been determined? Yes (Complete boxes D, E, and F) No (Skip to box 14.G)

D. CEQA Lead Agency California Energy Commission

E. Contact Person John Heiser F. Telephone Number 916-653-8236

G. If the project described in this notification is not the "whole project" or action pursuant to CEQA, briefly describe the entire project (Cal. Code Regs., tit. 14, § 15378).

Construction and operation of the Stanton Energy Reliability Center, a natural gas-fired power plant.

Continued on additional page(s)

H. Has a CEQA filing fee been paid pursuant to Fish and Game Code section 711.4?

- Yes (Enclose proof of payment) No (Briefly explain below the reason a CEQA filing fee has not been paid)

This will be paid at the time the CEC Decision is approved.

Note: If a CEQA filing fee is required, the Lake or Streambed Alteration Agreement may not be finalized until paid.



15. SITE INSPECTION

Check one box only.

In the event the Department determines that a site inspection is necessary, I hereby authorize a Department representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant the Department such entry.

I request the Department to first contact (*insert name*) _____ at (*insert telephone number*) _____ to schedule a date and time to enter the property where the project described in this notification will take place. I understand that this may delay the Department’s determination as to whether a Lake or Streambed Alteration Agreement is required and/or the Department’s issuance of a draft agreement pursuant to this notification.

16. DIGITAL FORMAT

Is any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?

Yes (Please enclose the information via digital media with the completed notification form)

No

17. SIGNATURE

I hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, the Department may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless the Department has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.

 Signature of Applicant or Applicant’s Authorized Representative Date _____

 Print Name

Figure DRA72-1
Tree and Shrub Survey Report

Stanton Energy Reliability Center (16-AFC-1) Tree and Shrub Surveys

PREPARED FOR: Stanton Energy Reliability Center, LLC
PREPARED BY: Hannah Buckley/CH2M Engineers, Inc. (CH2M)
DATE: September 15, 2017

Introduction

Hannah Buckley (Staff Biologist/CH2M) conducted tree and shrub surveys for the Stanton Energy Reliability Center, LLC (Project Owner) Stanton Energy Reliability Center (Project or SERC) (16-AFC-1) on September 15, 2017. These surveys were conducted in response to California Energy Commission Staff Data Request A72, as part of the Application for Certification proceeding for the SERC. Data Request A72 requested specific information on trees that would require removal and trimming. The request asks for the tree identifications and locations on a map at a 1:1,000 scale, as well as the diameter at breast height (DBH), visually estimated height, and current condition.

Location and Background

The Project Area surveyed consists of the SERC project site, located west of Dale Avenue, approximately 245 feet south of Standustrial Street, at the corner of Fern Avenue and Pacific Street, in the City of Stanton, Orange County, California. Parcel 1 covers 1.76 acres and consists of an open, undeveloped lot. Parcel 2 is accessed from Pacific Avenue, covers 2.21 surfaced acres and is currently used for vehicle and equipment storage. These two parcels are separated by the Stanton Storm Channel. Land uses in the immediate vicinity include commercial, industrial, residential, and developed/disturbed areas. A map of the Project Area is included in Attachment C.

Survey Methods

Conventional survey protocols, including guidelines provided by United States Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW), and California Native Plant Society (CNPS), were reviewed and implemented where appropriate (USFWS, 1996) (CDFW, 2009b) (CNPS, 2001). The Project area and perimeter were surveyed where access was permitted (Survey Area).

Survey Results

Survey conditions are presented in Table 1, followed by survey results. Photographs are provided in Attachment A. A list of tree and shrub species observed within the Survey Area, their listing status, location, estimated size, condition, and length to be cut is provided in Attachment B. Lastly, a figure showing the locations of the tree and shrub species observed during the survey is provided in Attachment C.

Table 1. Weather Conditions

Date	Time (24-hour)	Project Location	Temperature (°F)	Wind (mph)	Cloud Cover (%)	Precipitation (None, Light, Moderate, Heavy)	Comments
9/15/2017	0900-1030	City of Stanton, California	69	9	40	None	Good visibility (10.0 miles); 54% humidity

Notes:

°F = degrees Fahrenheit

% = percent

mph = miles per hour

Special-status Plants

No special-status plants were observed in the Survey Area.

Special-status Wildlife

No special-status wildlife or signs of special-status wildlife were observed in the Survey Area.

Nesting Birds

No bird nests were observed in the Survey Area. Eurasian collared dove (*Streptopelia decaocto*), barn swallow (*Hirundo rustica*), house finch (*Haemorhous mexicanus*), and mourning dove (*Zenaida macroura*) were observed during the survey.

Summary and Recommendations

No special-status plants or wildlife were observed within the Survey Area. No impacts to special-status species are anticipated as a result of the Project. If construction activity is to occur during the nesting season, (typically February 1 to August 31) it is recommended that a pre-construction nesting bird survey take place to avoid impacting nesting birds.

References

California Department of Fish and Wildlife (CDFW). 2009a. *List of California Vegetation Alliances*. Biogeographic Data Branch, Vegetation Classification and Mapping Program.

California Department of Fish and Wildlife (CDFW). 2009b. *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities*. Sacramento, California. <http://www.dfg.ca.gov/bdb/pdfs/guideplt.pdf>.

California Native Plant Society (CNPS). 2001. *Botanical Survey Guidelines of the California Native Plant Society*. December 9, 1983; revised June 2, 2001.

California Native Plant Society (CNPS). 2017. *Inventory of Rare, Threatened, and Endangered Plants of California*. <http://www.rareplants.cnps.org/>.

Council of Tree and Landscape Appraisers (CTLA), 2000. *Guide for Plant Appraisal*. 9th edition. International Society of Arboriculture, Champaign, IL. 143 pp.

United States Fish and Wildlife Service (USFWS). 1996. *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants*.

Attachment A Site Photographs



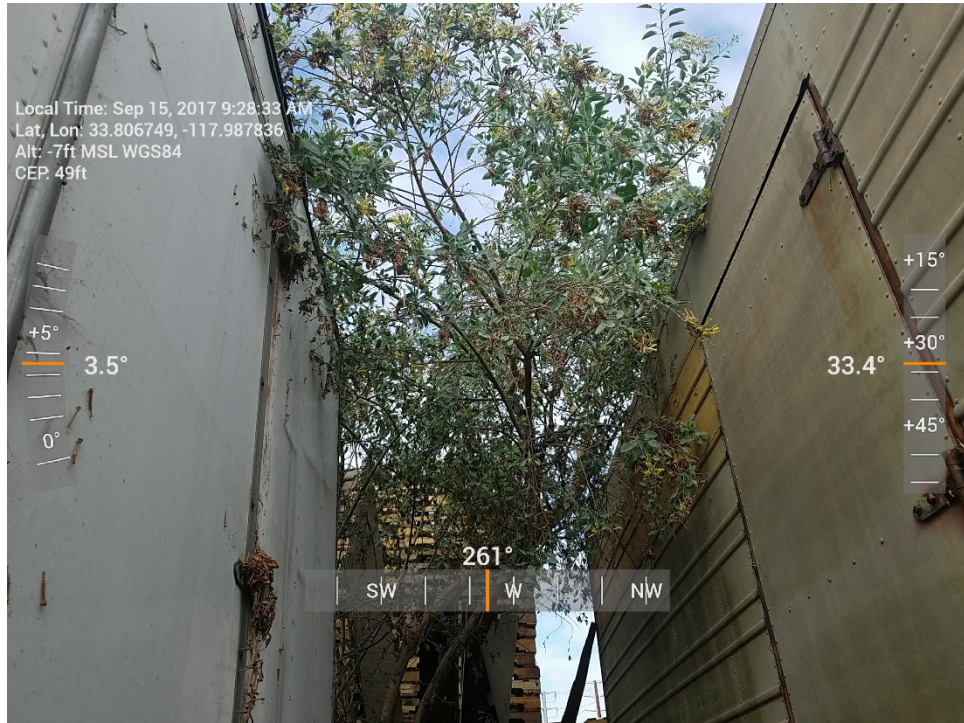
Photograph 1. Weeping fig (*Ficus benjamina*)
City of Stanton, California, view facing south.
Taken: 09/15/2017 at 9:21 a.m.



Photograph 2. Tree tobacco (*Nicotiana glauca*)
City of Stanton, California, view facing west.
Taken: 09/15/2017 at 9:22 a.m.



Photograph 3. White bladderflower (*Araujia sericifera*) and Winged sumac (*Rhus copallinum*)
 City of Stanton, California, view facing south.
 Taken: 09/15/2017 at 9:25 a.m.



Photograph 4. Tree tobacco (*Nicotiana glauca*)
 City of Stanton, California, view facing west.
 Taken: 09/15/2017 at 9:28 a.m.



Photograph 5. Coast coral tree (*Erythrina caffra*)
City of Stanton, California, view facing northwest.
Taken: 09/15/2017 at 9:31 a.m.



Photograph 6. Western Sycamore (*Platanus racemosa*)
City of Stanton, California, view facing north.
Taken: 09/15/2017 at 9:31 a.m.



Photograph 7. Brazilian pepper-tree (*Schinus terebinthifolius*)
 City of Stanton, California, view facing northeast.
 Taken: 09/15/2017 at 9:37 a.m.



Photograph 8. Carrot Wood (*Cupaniopsis anacardioides*)
 City of Stanton, California, view facing east.
 Taken: 09/15/2017 at 9:38 a.m.

Attachment B

Observed Plant Species

Observed Tree and Shrub Species: Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State	Native or Non-native Species	Condition	Tree Location	DBH x Height (feet)	Length to Trim
Weeping fig	<i>Ficus benjamina</i>	--/--	Non-native	4	(A) Completely outside boundary	5' x 10'	N/A
Tree tobacco	<i>Nicotiana glauca</i>	--/--	Non-native	4	(B) Crosses southern boundary, (D) Completely inside boundary	(B) 3' x 12' (D) 4' x 17'	(B) 3-4 ft, (D) remove
White bladderflower	<i>Araujia sericifera</i>	--/--	Non-native	3	(C), (D) Completely inside boundary	(C) 2' x 10' (D) 6' x 10'	remove
Winged sumac	<i>Rhus copallinum</i>	--/--	Non-native	4	(C), (D) Completely inside boundary	(C) 10' x 14' (D) 6' x 10'	remove
Tree of heaven	<i>Ailanthus altissima</i>	--/--	Non-native	4	(D) Completely inside boundary	5' x 15'	remove
Coast coral tree	<i>Erythrina caffra</i>	--/--	Non-native	4	(E), (G) Crosses northern boundary	(E) 20' x 24' (G) 12' x 15'	(E) 6-7 ft, (G) 5-6 ft
White mandevilla	<i>Mandevilla boliviensis</i>	--/--	Non-native	4	(D) Completely inside boundary	(D) 4' x 20'	remove
Western Sycamore	<i>Platanus racemosa</i>	--/--	Native	4	(F) Crosses northern boundary	10' x 20'	5-6 ft
Chinese Elm	<i>Ulmus parvifolia</i>	--/--	Non-native	4	(H) Crosses northern boundary	15' x 15'	10 ft
Brazilian pepper-tree	<i>Ficus benjamina</i>	--/--	Non-native	4	(I) Crosses northern boundary	15' x 15'	8 ft
Carrot Wood	<i>Ailanthus altissima</i>	--/--	Non-native	4	(J) Crosses northern boundary	10' x 10'	6 ft

Council of Tree and Landscape Appraisers (CTLA 2000):

5 EXCELLENT: tree is without any visible symptoms.

4 GOOD: no apparent problem.

3 FAIR: minor problems.

2 POOR: major problems.

1 VERY POOR: extreme problems.

Federal Designations:

(FE) Federally Endangered, (FT) Federally Threatened, (FPE) Federally Proposed Endangered, (FPT) Federally Proposed Threatened, (FSC) Species of Concern, (FC) Candidate

State Designations:

(SE) State Endangered, (ST) State Threatened, (SR) State Rare, (CSC) Species of Special Concern, (CFP) Fully Protected Species

California Native Plant Society (CNPS) Rare Plant Rank:

(1A) Presumed extinct in California; (1B) Rare, threatened, or endangered in California and elsewhere; (2) Rare, threatened, or endangered in California, but more common elsewhere; (3) More information is needed; (4) Limited distribution; (.1) Seriously endangered in California; (.2) Fairly endangered in California; (.3) Not very endangered in California.

Attachment C

Tree Identification Map



Aerial Imagery Source: Google Earth

Tree Location	Common Name	Scientific Name	Native or Non	Tree Count	Picture #	Length to Cut
A	Weeping fig	<i>Ficus benjamina</i>	Non-native	3	1	NR ¹
B	Tree tobacco	<i>Nicotiana glauca</i>	Non-native	1	2	3-4 ft
C	White bladderflower	<i>Araujia sericifera</i>	Non-native	1	3	Remove
C	Winged sumac	<i>Rhus copallinum</i>	Non-native	1	3	Remove
C	Tree of heaven	<i>Ailanthus altissima</i>	Non-native	1	N/A	Remove
D	Tree tobacco	<i>Nicotiana glauca</i>	Non-native	1	4	Remove
D	White bladderflower	<i>Araujia sericifera</i>	Non-native	1	N/A	Remove
D	White mandevilla	<i>Mandevilla boliviensis</i>	Non-native	1	N/A	Remove
D	Winged sumac	<i>Rhus copallinum</i>	Non-native	1	N/A	Remove
E	Coast coral tree	<i>Erythrina caffra</i>	Non-native	1	5	6-7 ft
F	Western Sycamore	<i>Platanus racemosa</i>	Native	1	6	5-6 ft
G	Coast coral tree	<i>Erythrina caffra</i>	Non-native	1	N/A	5-6 ft
H	Chinese Elm	<i>Ulmus parvifolia</i>	Non-native	1	N/A	10 ft
I	Brazilian pepper-tree	<i>Schinus terebinthifolius</i>	Non-native	1	7	8 ft
J	Carrot Wood	<i>Cupaniopsis anacardioides</i>	Non-native	1	8	6 ft

LEGEND

- Tree Location
- Site Boundary

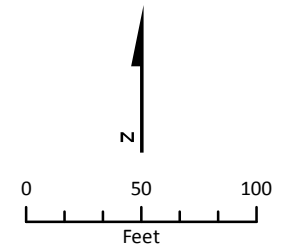


Figure 1
Tree Identification Map
 Stanton Energy Reliability Center
 Stanton, California

Note:
 1. NR = Tree trimming not required.