

CALIFORNIA ENERGY COMMISSION



**Siting, Transmission, and
Environmental Protection Division**

FILE: 11-AFC-3

PROJECT TITLE: Quail Brush Generation Project

<input type="checkbox"/> Telephone	Email	<input type="checkbox"/> Meeting Location:	
NAME: Lisa Worrall	DATE: March 20, 22, 2012	TIME: 4:35 pm, 10:29 am, 1:21 pm	
WITH: Larry Trame, Assistant Fire Marshal, San Diego Fire-Rescue Department			
SUBJECT: Response to CEC's emergency medical response needs assessment letter			

I received the following information from Larry Trame, Assistant Fire Marshal, with the San Diego Fire-Rescue Department. Mr. Trame's emails were sent in response to CEC staff request for information about the fire department's resources with respect to provision of emergency medical response services and any additional needs they may have so they can these services to the project while maintaining acceptable response times. The following are from Mr. Trame's emails:

March 20, 2012 4:35 pm
From: "Trame, Larry" LTrame@sandiego.gov
To: Lisa Worrall
Subject: Quail brush inputs

DOCKET
11-AFC-3

DATE MAR 20 2012

RECD. APR 18 2012

Here is some initial input that I give for standard EIRS(attached for Qualibrush)

Lawrence Trame
Assistant Fire Marshal
1010 2nd Avenue, Suite 300
San Diego, CA 92101-4970
(619) 533-4406
(619) 544-6806 (fax)
ltrame@sandiego.gov

"To protect the community of San Diego by preventing fire and other hazardous conditions through education and enforcement of life safety codes"

Response time estimated for the Sycamore Landfill entrance on Sycamore Landfill Rd (addressed as 8514 Mast Bl) was calculated using San Diego Fire-Rescue's 911 Computer Aided Dispatch System's (CAD) point to point routing. This application uses the road network generating the closest path from the fire station address to the requested location. The below times include chute:

Engine

HE5 from Santee Fire Station 5 at 9130 Carlton Oaks Dr = 9.3 minutes
HE4 from Santee Fire Station 4 at 8950 Cottonwood Rd. = 12.3 minutes

CALIFORNIA ENERGY COMMISSION



REPORT OF CONVERSATION Page 2 of 4

HE7 from El Cajon Fire Station 7 at 695 Tyrone St = 12.9 minutes
HE12 from La Mesa Fire Station 12 at 8844 Dallas St = 13.5
E34 from Fire Station 34 at 6565 Cowles Mountain Bl = 14.1 minutes
E39 from Fire Station 39 at 4949 La Cuenta Dr = 14.7 minutes

Truck

HT4 from Santee Fire Station 4 at 8950 Cottonwood Rd. = 12.3 minutes
T28 from Fire Station 28 at 3880 Kearny Villa Rd = 17.2 minutes

Battalion Chief

HEB4 from Santee Fire Station 4 at 8950 Cottonwood Rd. = 12.3 minutes
B7 from Fire Station 44 at 10011 Black Mountain Rd. = 19.5 minutes

Please let me know if you have any questions or concerns. Delays on the Heartland/National City units have been removed due to the Regional CAD Interoperable Project (RCIP).

Laura Brenner-Mikoly
San Diego Fire-Rescue
Communication's Response Planning
(858) 573-1325

March 22, 2012 10:29 am
From: "Trame, Larry" LTrame@sandiego.gov
To: Lisa Worrall
Subject: Qual Brush peaker plant EIR language near Santee

The is the result of an extensive planning process-pls feel free to use it in your EIR write up.

Link for fire station info:
<http://www.sandiego.gov/fireandems/about/equip.shtml>

This should cover most of what you asked for-If something else is needed pls advise.

I have 5 others on my desk internally for the city at present.

Lawrence Trame
Assistant Fire Marshal
1010 2nd Avenue, Suite 300
San Diego, CA 92101-4970
(619) 533-4406
(619) 544-6806 (fax)
ltrame@sandiego.gov

"To protect the community of San Diego by preventing fire and other hazardous conditions through education and enforcement of life safety codes"



**General Plan Recommended Revisions
Fire-Rescue Department
December 2011**

Distribution of Fire Stations

To treat medical patients and control small fires, the first-due unit should arrive within 7:30 minutes, 90 percent of the time from the receipt of the 911 call in fire dispatch. This equates to 1-minute dispatch time, 1:30 minutes/seconds company turnout time and 5 minutes drive time in the most populated areas.

Multiple-Unit Effective Response Force for Serious Emergencies

To confine fires near the room of origin, to stop wildland fires to under 3 acres when noticed promptly and to treat up to 5 medical patients at once, a multiple-unit response of at least 17 personnel should arrive within 10:30 minutes/seconds from the time of 911-call receipt in fire dispatch, 90 percent of the time. This equates to 1-minute dispatch time, 1:30 minutes/seconds company turnout time and 8 minutes drive time spacing for multiple units in the most populated areas.

Adopted Fire Station Location Measures

To direct fire station location timing and crew size planning as the community grows, the adopted fire unit deployment performance measures based on population density zones are listed in the table below:

Deployment Measures for San Diego City Growth

By Population Density Per Square Mile

	Structure Fire Urban Area	Structure Fire Rural Area	Structure Fire Remote Area	Wildfires Populated Areas
	>1,000-people/sq. mi.	1,000 to 500 people/sq. mi.	500 to 50 people/sq. mi. *	Permanent open space areas
1 st Due Travel Time	5	12	20	10
Total Reflex Time	7.5	14.5	22.5	12.5
1 st Alarm Travel Time	8	16	24	15
1 st Alarm Total Reflex	10.5	18.5	26.5	17.5



Aggregate Population Definitions:

Where more than one square mile is not populated at similar densities, and/or a contiguous area with different zoning types aggregates into a population “cluster,” these measures guide the determination of response time measures and the need for fire stations:

Area	Aggregate Population	First-Due Unit Travel Time Goal
Metropolitan	> 200,000 people	4 minutes
Urban-Suburban	< 200,000 people	5 minutes
Rural	500 - 1,000 people	12 minutes
Remote	< 500	> 15 minutes

March 22, 2012 1:21 pm
From: "Trame, Larry" LTrame@sandiego.gov
To: Lisa Worrall
Subject: Quail Brush Peaker Plant

I ran it by the boss- no mitigation required for SDFD.

We are ok with what we have for this project.

Lawrence Trame
Assistant Fire Marshal
1010 2nd Avenue, Suite 300
San Diego, CA 92101-4970
(619) 533-4406
(619) 544-6806 (fax)
ltrame@sandiego.gov

"To protect the community of San Diego by preventing fire and other hazardous conditions through education and enforcement of life safety codes"

cc: Rick Tyler, CEC Worker Health & Safety and Fire Protection Specialist and Hazardous Materials Specialist	Signed: LW
	Name: Lisa Worrall