

Lawrence Livermore National Laboratory

April 11, 2024

Mr. Daniel Martinez
Supervising Air Quality Inspector
San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno, CA 93726
Daniel.Martinez@valleyair.org

Subject: LLNL Site 300 Experimental Test Site Prescribed Burning Smoke Management Plan

Facility ID# N-472, Lawrence Livermore National Security, LLC

Dear Mr. Martinez:

Lawrence Livermore National Laboratory (LLNL) has submitted the 2024 Prescribed Burning Smoke Management Plan (SMP) for LLNL Site 300 Experimental Test Site to San Joaquin Valley Air Pollution Control District (SJVAPCD) through the State's Prescribed Fire Information Reporting System (PFIRS). Enclosed with this letter is a copy of the electronic submittal.

If you have any questions regarding this submittal or require additional information, please contact Wai-Man So of my staff at (925) 424-4411.

Sincerely,

DocuSigned by:

4/11/2024

Paul Roy, Group Leader
Waste and Air Quality Office
Environmental Functional Area



Mr. Daniel Martinez, SJVAPCD LLNL Site 300 Experimental Test Site Prescribed Burning Smoke Management Plan Facility ID# N-472, Lawrence Livermore National Security, LLNS April 11, 2024

Page 2

Enclosure: PFIRS Submittal – 2024 Prescribed Burning Smoke Management Plan for LLNL Site 300 Experimental Test Site

Distribution w/enclosure (PDF):

Amaden, Christopher (NNSA/LFO)

Balaban, Nicholas (NNSA/LFO)

Baylosis, Maggie

DeLeyos, Bing

Dibley, Valerie

Diregolo, Brian (ACFD)

Fechser, Matt

Fratanduono, Meg

Heard, Marcus (NNSA/LFO)

Johnston, Dana

Lindsay, Royce

Mishra, Vijay (NNSA/LFO)

Nakasaki, Steve

Naranjo, Alberto

Roy, Paul

Ruiz, Alex

Rutherglen, Cory (ACFD)

Ryza, Michelle

Saabye, Alexandra

Sharry, John

So, Wai-Man

Vaughan, Quentin

Wilson, Scott

Wise, Tammy (NNSA/LFO)

Woodrow, Lisa

Woollett, Jim

Site 300 Prescribed Burn File UCM: Site 300, Prescribed Burn

ENCLOSURE 1

Prescribed Fire Information Reporting System (PFIRS) Submittal –

2024 Prescribed Burning Smoke Management Plan (SMP) for

LLNL Site 300 Experimental Test Site

Options Edit History >

Prescribed Fire Information Reporting System

Current Project: LLNL S300 2024 - SJVAPCD

Review SMP for LLNL S300 2024 - SJVAPCD

Plan Author: Wai-Man So Submittals >

Returns >

Approvals >

▼ Land Manager Information

Complete

Thursday, April 11, 2024

Name of Project L	
	LNL S300 2024 - SJVAPCD
Permittee L	LNS
Permit Number	
Primary Field Contact: B	Prian Diregolo
Other Field Contacts:	
Land Manager Name: V	/alerie Dibley/Wai-Man So
Address: 7	000 East Ave Livermore, CA 94550
Phone: (9	925) 424-4411
24 Hour Phone: (9	925) 724-8040
	o5@linl.gov

▼ Landowner Information

Complete

Landowner Nar	ne: US Government-Dept of Energy
Address:	7000 East Ave Livermore, CA 94550
Edit	Edit this Landowner
Delete	Delete this Landowner
Add	Add a Landowner

▼ Project Specifics

Complete

1911	Duration (days)	12	Overnight Burn?	No
Spring	Burn Start	05-2024	Burn End	08-2024
Hazard Reduction				
San Joaquin Valley APCD	Secondary District	None/Unknown	Tertiary District	None/Unknown
dit this information				
	Spring Hazard Reduction San Joaquin Valley	Spring Burn Start Hazard Reduction San Joaquin Valley APCD Secondary District	Spring Burn Start 05-2024 Hazard Reduction San Joaquin Valley APCD Secondary District None/Unknown	Spring Burn Start 05-2024 Burn End Hazard Reduction San Joaquin Valley APCD Secondary District None/Unknown Tertiary District

Complete **▼** Broadcast Units

Currently Active Units

▼ Project	t 1 (Plots 1	10 & 9)					(click to e	expand)
				General Information				
Acres:	57	Tons/Acre:	1	Fuel Arrangement:	Grassland	d Fuel	Density:	Typical
General Fu	el Moisture:		Dry	Min THFM:	0	Max	THFM:	0
Cover Type		VALLEY NEED	DLEGRASS GRA	SSLAND				
General De	scription:	Previously bu	rnt area and pri	marily native grasses.				
Emissions	Calculation N	lethod:	Table 2 (FL is of 0.007 PM1	1 ton/acre; grass EV 0/ton fuel)	Estimated	d Emissions	:	0.399
Edit	Edit thi	s information.						
				Unit Location				
County:	San Joaqu	uin	District:	San Joaquin Valley	APCD A	Air Basin:	San Joaquin	Valley
Latitude:	37.643341		Longitude:	-121.4962076	N	/leridian:	Mt Diablo	
Township:	38		Range:	4E	S	Section:	26	
Min Elev:	588		Max Elev:	1044	N	lean Elev:	816	

Crossroaus:	HW-580		Slope:	Varied		pect: Eastern	
Edit	Edit this in	nformation.					
				Ignition Prescription			
Source of me	teorological in	formation:	LLNL S30	00 Meteorological Tov	wer		
Other conside	erations to ens	sure adequate sr	moke dispers	sion: NA			
Sfc Wind Dire	ction:	ldeal:	W	Min: A	NY	Max: ANY	
Sfc Wind Spe	ed:	ldeal:	15	Min: 0		Max: 25	
Transport Wir	nd Direction:	ldeal:	NW	Min: 🗚	NY	Max: ANY	
RH:		ldeal:	25	Min: 1	5	Max: 75	
Temperature:		ldeal:	80	Min: 5	0	Max: 100	
Target Mixing	Height:	500 ft (above groun	id level)			
Edit	Edit this in	nformation.					
Delete	Delete Pro	ject 1 (Plots 10 8	& 9).				
Inactive	Make this	unit inactive. 🍳)				
▼ Project 2	2 (Plot 8)			Constallatormation		(click	to expand)
Acres: 53	3.8 T	ons/Acre:	1	General Information Fuel Arrangement:	Grassland	Fuel Density:	Typical
General Fuel			Dry	Min THFM:	0	Max THFM:	0
Cover Type:		ALLEY NEEDLE					•
General Desc				marily native grasses	.		
	-	-		1 ton/acre; grass EV	1		
Emissions Ca	Iculation Meth		of 0.007 PM1		Estimated E	Emissions:	0.377
Edit	Edit this in	nformation.		Unit Location			
County:	San Joaquin		District:	San Joaquin Valley	APCD Air	Basin: San Joaqu	uin Valley
Latitude:	37.65		Longitude:	-121.53	Me	ridian: Mt Diablo	-
Township:	3S		Range:	4E	Sed	ction: 22	
Min Elev:	820		Max Elev:	1040	Me	an Elev: 930	
Crossroads:	HW-580		Slope:	Varied	Ası	pect: Eastern	
Edit	Edit this in	nformation.					
Source of me	teorological in	formation:	LLNL S30	Ignition Prescription O Meteorological Tov	wer		
Other conside	erations to ens	sure adequate sr	moke dispers	sion: NA			
Sfc Wind Dire	ction:	ldeal:	W	Min: A	NY	Max: ANY	
Sfc Wind Spe	ed:	ldeal:	15	Min: 0		Max: 25	
Transport Wir		Ideal:	NW	Min: A	NY	Max: ANY	
RH:		Ideal:	25		5	Max: 75	
Temperature:		Ideal:	80		0	Max: 100	
Target Mixing			above groun				
Edit		nformation.	, g. ou.				
Delete	Delete Pro	ject 2 (Plot 8).					
Inactive	Make this	unit inactive.)				
▼ Project	3 (Plot 45)			Conoral Information		(click	to expand)
	5.2 T	ons/Acre:	1	Fuel Arrangement:	Grassland	Fuel Density:	Typical
Acres: 55	M - ! - 4		Dry	Min THFM:	0	Max THFM:	0
	woisture:		-				
Acres: 55 General Fuel Cover Type:		ALLEY NEEDLE	GRASS GRA	SSLAND			
General Fuel	V			ASSLAND marily native grasses	.		

		FFIKS -						
Ca	Con locavia		Dietriet	Unit Location	law ADCD	A:= D-='	Con less !	Veller
County:	San Joaquin		District:	San Joaquin Val	lley APCD	Air Basin:	San Joaquin	Valley
Latitude:	37.66		Longitude:	-121.52		Meridian:	Mt Diablo	
Township:	38		Range:	4E		Section:	22	
Min Elev:	913		Max Elev:	1300		Mean Elev:	1108	
Crossroads:	HW-580		Slope:	Varied		Aspect:	Eastern	
Edit	Edit this informati	on.		lanition Dranovintion				
Source of me	teorological informati	on:		Ignition Prescription O Meteorological				
	erations to ensure ade							
Sfc Wind Dire		Ideal:	w	Min:	ANY	Max:	ANY	
Sfc Wind Spe	ed:	Ideal:	15	Min:	0	Max:	25	
Transport Wir		Ideal:	NW	Min:	ANY	Max:	ANY	
RH:		Ideal:	25	Min:	15	Max:	75	
Temperature:		Ideal:	80	Min:	50	Max:	100	
Target Mixing			(above ground			inux.		
Edit Delete Inactive	Edit this informati Delete Project 3 (F Make this unit inach	Plot 45).	2					
▼ Project	4 (Plots 31A & 31I	В)		General Information	1		(click to e	expand)
Acres: 15	50.3 Tons/Acı	re:	1	Fuel Arrangemer	nt: Grassi	land Fuel	Density:	Typical
			Dry	Min THFM:	0	Max	THFM:	0
General Fuel	Moisture:							
			EGRASS GRA	SSLAND				
General Fuel Cover Type: General Desc	valley ription: Previous	NEEDLE	area and prin	narily native grass	EV			
Cover Type: General Desc	VALLEY	NEEDLE	area and prin	narily native grass 1 ton/acre; grass	EV	ated Emissions	:	0.386
Cover Type: General Desc Emissions Ca Edit	VALLEY Previous alculation Method: Edit this informati	NEEDLE	t area and prin Table 2 (FL is of 0.007 PM10	narily native grass 1 ton/acre; grass //ton fuel) Unit Location	EV Estima			
Cover Type: General Desc Emissions Ca Edit County:	VALLEY ription: Previous alculation Method: Edit this informati	NEEDLE	t area and prin Table 2 (FL is of 0.007 PM10	narily native grass 1 ton/acre; grass 0/ton fuel) Unit Location San Joaquin Val	EV Estima	Air Basin:	San Joaquin	
Cover Type: General Desc Emissions Ca Edit County: Latitude:	valley ription: Previous alculation Method: Edit this informati San Joaquin 37.67126	NEEDLE	t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude:	narily native grass 1 ton/acre; grass 0/ton fuel) Unit Location San Joaquin Val -121.51771	EV Estima	Air Basin: Meridian:	San Joaquin Mt Diablo	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township:	valley cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38	NEEDLE	area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range:	narily native grass 1 ton/acre; grass 0/ton fuel) Unit Location San Joaquin Val -121.51771 4E	EV Estima	Air Basin: Meridian: Section:	San Joaquin Mt Diablo	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev:	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914	NEEDLE	District: Longitude: Range: Max Elev:	Unit Location San Joaquin Val -121.51771 4E 1322	EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 15 1116	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev:	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914	NEEDLE sly burnt on.	District: Longitude: Range: Max Elev: Slope:	Unit Location San Joaquin Val -121.51771 4E 1322 Varied	EV Estima	Air Basin: Meridian: Section:	San Joaquin Mt Diablo	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit	VALLEY cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580	NEEDLE sty burnt on.	District: Longitude: Range: Max Elev: Slope:	Unit Location San Joaquin Val -121.51771 4E 1322	EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 15 1116	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me	VALLEY cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati	on.	District: Longitude: Range: Max Elev: Slope:	Unit Location San Joaquin Val -121.51771 4E 1322 Varied	EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 15 1116	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consider	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informatierations to ensure ade	on.	District: Longitude: Range: Max Elev: Slope:	Unit Location San Joaquin Val -121.51771 4E 1322 Varied	EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 15 1116	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 3S 914 HW-580 Edit this informati teorological informatierations to ensure adection:	on. on: equate s	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers	Unit Location San Joaquin Val -121.51771 4E 1322 Varied	EV Estima	Air Basin: Meridian: Section: Mean Elev: Aspect:	San Joaquin Mt Diablo 15 1116 Eastern	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informatierations to ensure adesection:	on. on: equate s Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription Meteorological 7 ion: NA Min:	EV Estima lley APCD fower ANY	Air Basin: Meridian: Section: Mean Elev: Aspect:	San Joaquin Mt Diablo 15 1116 Eastern	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informatierations to ensure adesection:	on. on: equate s Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription Meteorological Tion: NA Min: Min:	EV Estima Illey APCD Tower ANY 0	Air Basin: Meridian: Section: Mean Elev: Aspect: Max:	San Joaquin Mt Diablo 15 1116 Eastern	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informati erations to ensure ade ection: ed: end Direction:	on. on: equate s Ideal: Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription Meteorological Tion: NA Min: Min: Min:	EV Estima Iley APCD Tower ANY 0 ANY	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature:	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informati erations to ensure ade ection: ed: ed: end Direction:	on. on: equate s Ideal: Ideal: Ideal: Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: Min: Min: Min: Min: Min: Min: Min: Mi	Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature:	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informati erations to ensure ade ection: ed: ed: end Direction:	on. on: equate s Ideal: Ideal: Ideal: Soo ft	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: Min: Min: Min: Min: Min: Min: Min: Mi	Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature: Target Mixing	VALLEY ription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati teorological informati erations to ensure ade action: ed: ed: ed: hd Direction:	on. on: equate s Ideal: Ideal: Ideal: Ideal: on.	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above ground	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: Min: Min: Min: Min: Min: Min: Min: Mi	Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature: Target Mixing	VALLEY cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati erations to ensure ade ection: eed: end Direction: Height: Edit this informati	on. on: equate s Ideal: Ideal: Ideal: on.	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above ground	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: Min: Min: Min: Min: Min: Min: Min: Mi	Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75	
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature: Target Mixing Edit Delete Inactive	VALLEY cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati eteorological informati erations to ensure ade ection: ed: ed: ed: hd Direction: Height: Edit this informati	on. on: equate s Ideal: Ideal: Ideal: Soo ft on.	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above ground	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: NA Min: Min: Min: Min: Min: Min: d level)	Tower ANY 0 ANY 15 50	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75	Valley
Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other conside Sfc Wind Dire Sfc Wind Spe Transport Wir RH: Temperature: Target Mixing Edit Delete Inactive	VALLEY cription: Previous alculation Method: Edit this informati San Joaquin 37.67126 38 914 HW-580 Edit this informati erations to ensure ade action: ed: ed: ed: hd Direction: Height: Edit this informati Delete Project 4 (F	on. on. on. equate s Ideal: Ideal: Ideal: on. Plots 31A	District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above ground	Unit Location San Joaquin Val -121.51771 4E 1322 Varied Ignition Prescription O Meteorological 7 ion: Min: Min: Min: Min: Min: Min: Min: Mi	EV Estima Illey APCD Tower ANY 0 ANY 15 50	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max: Max: Max:	San Joaquin Mt Diablo 15 1116 Eastern ANY 25 ANY 75 100	Valley

. .				Fire Information	reporting	Cystom		
Cover Type: General Desc		ALLEY NEEDL						
	alculation Met		Table 2 (FL is	narily native grass 1 ton/acre; grass	FV	ated Emissions	:	1.052
Edit		nformation.	of 0.007 PM1	U/ton fuel)				
County:	San Joaquin		District:	Unit Location San Joaquin Va	Illev APCD	Air Basin:	San Joaquir	Valley
_atitude:	37.671744		Longitude:	-121.551499	,	Meridian:	Mt Diablo	,
Township:	3S		Range:	4E		Section:	17	
Min Elev:	940		Max Elev:	1250		Mean Elev:	1095	
Crossroads:			Slope:	Varied		Aspect:	Eastern	
Edit	Edit this in	nformation.						
Source of me	eteorological in	oformation:	LINI S30	Ignition Prescriptio				
		sure adequate s			101101			
Sfc Wind Dire		Ideal:	W	Min:	ANY	Max:	ANY	
					0		25	
Sfc Wind Spe Transport Wi	nd Direction:	Ideal:		Min: Min:	ANY	Max: Max:	ANY	
RH:	Directivii.	Ideal:		Min:	15	Max:	75	
кп: Temperature:		Ideal:		Min:	50	Max:	100	
Target Mixing			(above groun		30	IVIAX:	100	
			(above groun	u level)				
Edit	East this ii	nformation.						
Delete	Delete Pro	ject 5 (Plots 17	, 18, 1A).					
Inactive	Make this	unit inactive.	?					
▼ Project	6 (Plot 3A)			General Informatio	n		(click to	expand)
Acres: 7	8.4 1	ons/Acre:	1	Fuel Arrangemen	nt: Grass	sland Fuel	Density:	Typical
General Fuel	Moisture:		Dry	Min THFM:	0	Max	THFM:	0
Cover Type:	\	ALLEY NEEDL	EGRASS GRA	SSLAND				
General Desc	ription:	Previously burn	t area and pri	marily native gras	ses.			
Emissions Ca	alculation Met	nod:	Table 2 (FL is of 0.007 PM1	1 ton/acre; grass 0/ton fuel)	EV Estim	ated Emissions	:	0.34
Edit	Edit this in	nformation.						
County:	San Joaquin		District:	Unit Location San Joaquin Va	Ilov APCD	Air Basin:	San Jaaquin	Valloy
•	San Joaquin 37.67515			-121.51964	mey AFOD	Meridian:	San Joaquin	rancy
Latitude:			Longitude:					
Township:	38		Range:	4E		Section:	15	
Min Elev:	864		Max Elev:	1336		Mean Elev:	1100	
Crossroads:	HW-580		Slope:	Varied		Aspect:	Eastern	
Edit	Edit this in	nformation.						
Ca		·farmetter	11.88.000	Ignition Prescriptio				
	teorological ir			00 Meteorological	ıower			
		sure adequate s			AND		ANN	
Sfc Wind Dire		Ideal:		Min:	ANY	Max:	ANY	
Sfc Wind Spe		Ideal:		Min:	0	Max:	25	
•	nd Direction:	Ideal:		Min:	ANY	Max:	ANY	
RH:		Ideal:		Min:	15	Max:	75	
Temperature:		Ideal:		Min:	50	Max:	100	
Target Mixing	Height:	500 ft	(above groun	d level)				
Edit	Edit this in	nformation.						
Delete	Delete Pro	ject 6 (Plot 3A).						

	his unit inactive. 🛚	?					
Inactive Make th	iis unit mactive.	_					
▼ Project 7 (Plot 5)						(click to	expand)
. , ,			General Information				
Acres: 78.9	Tons/Acre:	1	Fuel Arrangement:	Grassi	and Fuel	Density:	Typical
General Fuel Moisture:		Dry	Min THFM:	0	Max	THFM:	0
Cover Type:	VALLEY NEEDLI	EGRASS GRA	SSLAND				
General Description:	Previously burnt	t area and prin	narily native grasse	s.			
Emissions Calculation N	lethod:	Table 2 (FL is of 0.007 PM10	1 ton/acre; grass E //ton fuel)	V Estima	ated Emissions	:	0.549
Edit Edit thi	s information.						
County: San Joaqu	ıin	District:	Unit Location San Joaquin Valle	v APCD	Air Basin:	San Joaquii	n Valley
Latitude: 37.67474	ann	Longitude:	-121.52616	y Ai OD	Meridian:	Mt Diablo	ii valley
			4E			15	
Fownship: 3S		Range:			Section:		
Min Elev: 1012		Max Elev:	1394		Mean Elev:	1203	
Crossroads: HW-580		Slope:	Varied		Aspect:	Eastern	
Edit Edit thi	s information.		Ignition Prescription				
Source of meteorologica	al information:		0 Meteorological To	wer			
Other considerations to	· · · · · · · · · · · · · · · · · · ·	•					
Sfc Wind Direction:	Ideal:	W		ANY	Max:	ANY	
Sfc Wind Speed:	Ideal:	15		0	Max:	25	
Transport Wind Direction	n: Ideal:	NW	Min:	ANY	Max:	ANY	
RH:	Ideal:	25	Min:	15	Max:	75	
Temperature:	ldeal:	80	Min:	50	Max:	100	
Edit Edit thi	500 ft is information. Project 7 (Plot 5). his unit inactive.	(above groun	d level)				
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make the	s information. Project 7 (Plot 5). his unit inactive.		d level)			(click to	expand)
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make the	s information. Project 7 (Plot 5). his unit inactive.		d level)			(click to	expand)
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2)	s information. Project 7 (Plot 5). his unit inactive.			Grassi	and Fuel	(click to	expand)
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65	rs information. Project 7 (Plot 5). his unit inactive. Tons/Acre:	?	General Information	Grassi 0		<u> </u>	. ,
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture:	rs information. Project 7 (Plot 5). his unit inactive. Tons/Acre:	1 Dry	General Information Fuel Arrangement: Min THFM:			Density:	Typical
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make th Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type:	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI	1 Dry EGRASS GRA	General Information Fuel Arrangement: Min THFM:	0		Density:	Typical
Target Mixing Height: Edit Edit thi Delete Delete Inactive Make th	rois information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt	1 Dry EGRASS GRA t area and prin	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E	0 s.		Density: THFM:	Typical
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation N	rois information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt	1 Dry EGRASS GRA t area and prin Table 2 (FL is	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E	0 s.	Max	Density: THFM:	Typical 0
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Notes the Project Seliculation Selicu	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E' Uton fuel)	o s. V Estima	Max ated Emissions	Density: THFM:	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Notes Edit Edit thi	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle	o s. V Estima	Max ated Emissions Air Basin:	Density: THFM: :	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Notes Edit Edit thi County: San Joaque Latitude: 37.67566	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E //ton fuel) Unit Location San Joaquin Valle -121.53268	o s. V Estima	Max ated Emissions Air Basin: Meridian:	Density: THFM: : San Joaquii Mt Diablo	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Noted Edit Edit thi County: San Joaqu Latitude: 37.67566 Township: 38	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E //ton fuel) Unit Location San Joaquin Valle -121.53268	o s. V Estima	Max ated Emissions Air Basin: Meridian: Section:	Density: THFM: : San Joaquii Mt Diablo 15, 16	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Note that Edit thi County: San Joaque atitude: 37.67566 Fownship: 38 Min Elev: 960	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310	o s. V Estima	Max ated Emissions Air Basin: Meridian: Section: Mean Elev:	Density: THFM: : San Joaquii Mt Diablo 15, 16 1135	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation N Edit Edit thi County: San Joaqu Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580	Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E //ton fuel) Unit Location San Joaquin Valle -121.53268	o s. V Estima	Max ated Emissions Air Basin: Meridian: Section:	Density: THFM: : San Joaquii Mt Diablo 15, 16	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation N Edit Edit thi County: San Joaqu Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580 Edit Edit thi	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: Is information.	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied	os. V Estima	Max ated Emissions Air Basin: Meridian: Section: Mean Elev:	Density: THFM: : San Joaquii Mt Diablo 15, 16 1135	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Note that Edit thi County: San Joaque actitude: 37.67566 Fownship: 38 Min Elev: 960 Crossroads: HW-580 Edit Edit thi Source of meteorological	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information. uin al information:	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E //ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied	os. V Estima	Max ated Emissions Air Basin: Meridian: Section: Mean Elev:	Density: THFM: : San Joaquii Mt Diablo 15, 16 1135	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Make the Edit Edit thi County: San Joaque Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580 Edit Edit thi Source of meteorological	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: s information. uin al information: ensure adequate s	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied Ignition Prescription 0 Meteorological To ion: NA	o s. V Estima y APCD	Max ated Emissions Air Basin: Meridian: Section: Mean Elev: Aspect:	Density: THFM: : San Joaquii Mt Diablo 15, 16 1135 Eastern	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Noted Edit Edit thi County: San Joaque Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580 Edit Edit thi Source of meteorological Other considerations to Sfc Wind Direction:	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: Is information. al information: ensure adequate s Ideal:	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 smoke dispers W	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied Ignition Prescription 0 Meteorological To ion: NA Min:	0 s. V Estima y APCD wer	Max Air Basin: Meridian: Section: Mean Elev: Aspect:	Density: THFM: : San Joaquii Mt Diablo 15, 16 1135 Eastern	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the In	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: is information. al information: ensure adequate s Ideal: Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 smoke dispers W 15	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied Ignition Prescription 0 Meteorological To ion: NA Min:	o s. V Estima y APCD wer	Max Air Basin: Meridian: Section: Mean Elev: Aspect: Max:	Density: THFM: : San Joaquin Mt Diablo 15, 16 1135 Eastern ANY 25	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Make the Edit Edit thi County: San Joaque Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580 Edit Edit thi Source of meteorological Cother considerations to Sfc Wind Direction: Sfc Wind Speed: Transport Wind Direction	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: is information. al information: ensure adequate s Ideal: Ideal:	1 Dry EGRASS GRA t area and prin Table 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 smoke dispers W	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E 0/ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied Ignition Prescription 0 Meteorological To ion: NA Min:	0 s. V Estima y APCD wer	Max Air Basin: Meridian: Section: Mean Elev: Aspect:	Density: THFM: : San Joaquin Mt Diablo 15, 16 1135 Eastern ANY 25 ANY	Typical 0 0.552
Edit Edit thi Delete Delete Inactive Make the Project 8 (Plot 2) Acres: 65 General Fuel Moisture: Cover Type: General Description: Emissions Calculation Note that Edit thi County: San Joaqu Latitude: 37.67566 Township: 38 Min Elev: 960 Crossroads: HW-580	s information. Project 7 (Plot 5). his unit inactive. Tons/Acre: VALLEY NEEDLI Previously burnt Method: is information. al information: ensure adequate s Ideal: Ideal:	District: Longitude: Range: Max Elev: Slope: LLNL S30 smoke dispers W 15	General Information Fuel Arrangement: Min THFM: SSLAND narily native grasse 1 ton/acre; grass E //ton fuel) Unit Location San Joaquin Valle -121.53268 4E 1310 Varied Ignition Prescription 0 Meteorological To ion: NA Min: Min:	o s. V Estima y APCD wer	Max Air Basin: Meridian: Section: Mean Elev: Aspect: Max:	Density: THFM: : San Joaquin Mt Diablo 15, 16 1135 Eastern ANY 25	Typical 0 0.552

	g Height:	500	ft (above groun	Fire Information Rep d level)			
Edit	Edit this	information.					
Delete	Delete F	Project 8 (Plot 2)					
Inactive	Make th	is unit inactive.	?				
▼ Project	9 (Plots 1	& 16E)				(click to	expand)
Acres: 17	74.7	Tons/Acre:	1	General Information Fuel Arrangement:	Grassland	Fuel Density:	Typical
General Fuel	Moisture:		Dry	Min THFM:	0	Max THFM:	0
Cover Type:		VALLEY NEED	LEGRASS GRA	SSLAND	-		
General Desc	ription:	Previously but	rnt area and pri	marily native grasses.			
Emissions Ca				1 ton/acre; grass EV	Estimated En	nissions:	0.455
Edit	Edit this	information.					
County:	San Joaqu	in	District:	Unit Location San Joaquin Valley	APCD Air F	Basin: San Joaqui	in Valley
Latitude:	37.677174	•••	Longitude:	-121.551058		dian: Mt Diablo	runcy
Township:	37.677174 3S		Range:	4E	Sect		
Min Elev:	1127		Max Elev:	1533		n Elev: 1330	
Crossroads:			Slope:	Varied	Aspe		
Edit		information.					
Source of me	teorologica	l information:	LINI S30	Ignition Prescription Meteorological Tow	er		
		ensure adequate			<u> </u>		
Sfc Wind Dire		Idea		Min: At	ıv	Max: ANY	
Sfc Wind Spe		Idea		Min: 0	• • • • • • • • • • • • • • • • • • • •	Max: 25	
Transport Wir				Min: At	IV	Max: ANY	
RH:	na Direction	. Idea		Min: Ai		Max: 75	
Temperature:		Idea		Min: 50		Max: 100	
Target Mixing			ft (above groun			Max. 100	
rarget mixing	, i icigiit.		it (above groun	u icvcij			
	Edit this	information.					
Edit Delete		information.	I & 16E).				
Edit	Delete F		_				
Edit Delete Inactive	Delete F	Project 9 (Plots 1	_			(click to	expand)
Edit Delete Inactive	Delete F	Project 9 (Plots 1	_	General Information		(click to	expand)
Edit Delete Inactive Project	Delete F	Project 9 (Plots 1	_	General Information Fuel Arrangement:	Grassland	(click to	expand)
Edit Delete Inactive Project Acres: 18	Delete F Make th	Project 9 (Plots 1 is unit inactive.	?		Grassland 0	•	
Edit Delete Inactive Project Acres: 18 General Fuel	Delete F Make th	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre:	1	Fuel Arrangement: Min THFM:		Fuel Density:	Typical
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type:	Delete F Make th 10 (Plot 1 81.9 Moisture:	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre:	1 Dry DLEGRASS GRA	Fuel Arrangement: Min THFM:		Fuel Density:	Typical
Edit Delete Inactive Project	Delete F Make th 10 (Plot 1 81.9 Moisture:	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but	1 Dry DLEGRASS GRA	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV		Fuel Density: Max THFM:	Typical
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc	Delete F Make th 10 (Plot 1 81.9 Moisture: cription:	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but	1 Dry DLEGRASS GRA rnt area and prin Table 2 (FL is	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV	0	Fuel Density: Max THFM:	Typical 0
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit	Delete F Make th 10 (Plot 1 81.9 Moisture: cription:	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DLEGRASS GRA rnt area and prin Table 2 (FL is	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV	0 Estimated En	Fuel Density: Max THFM:	Typical 0 0.099
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DEGRASS GRA rnt area and prii Table 2 (FL is of 0.007 PM1	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location	0 Estimated En	Fuel Density: Max THFM: nissions:	Typical 0 0.099
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County: Latitude:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M Edit this	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DLEGRASS GRA rnt area and prin Table 2 (FL is of 0.007 PM1	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location San Joaquin Valley	0 Estimated En	Fuel Density: Max THFM: nissions: Basin: San Joaquidian: Mt Diablo	Typical 0 0.099
Edit Delete Inactive V Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County: Latitude: Township:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M Edit this San Joaqu 37.671744	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DLEGRASS GRA rnt area and prin Table 2 (FL is of 0.007 PM1	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location San Joaquin Valley -121.551499	Estimated En	Fuel Density: Max THFM: nissions: Basin: San Joaquidian: Mt Diablo	Typical 0 0.099
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M Edit this San Joaqu 37.671744 38 1002	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DEGRASS GRA rnt area and prin Table 2 (FL is of 0.007 PM1 District: Longitude: Range: Max Elev:	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location San Joaquin Valley -121.551499 4E	Estimated En APCD Air E Meri Sect Mea	Fuel Density: Max THFM: nissions: Basin: San Joaqui dian: Mt Diablo ion: 21 n Elev: 1164	Typical 0 0.099
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M Edit this San Joaqu 37.671744 38 1002 HW-580	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod:	1 Dry DLEGRASS GRA rnt area and prii Table 2 (FL is of 0.007 PM1	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location San Joaquin Valley -121.551499 4E 1326	Estimated En	Fuel Density: Max THFM: nissions: Basin: San Joaqui dian: Mt Diablo ion: 21 n Elev: 1164	Typical 0 0.099
Edit Delete Inactive Project Acres: 18 General Fuel Cover Type: General Desc Emissions Ca Edit County: Latitude: Township: Min Elev: Crossroads:	Delete F Make th 10 (Plot 1 81.9 Moisture: cription: alculation M Edit this San Joaqu 37.671744 38 1002 HW-580	Project 9 (Plots 1 is unit inactive. 2) Tons/Acre: VALLEY NEED Previously but ethod: in	1 Dry DEGRASS GRA rnt area and prin Table 2 (FL is of 0.007 PM1 District: Longitude: Range: Max Elev:	Fuel Arrangement: Min THFM: ASSLAND marily native grasses. 1 ton/acre; grass EV 0/ton fuel) Unit Location San Joaquin Valley -121.551499 4E 1326	Estimated En APCD Air E Meri Sect Mea	Fuel Density: Max THFM: nissions: Basin: San Joaqui dian: Mt Diablo ion: 21 n Elev: 1164	Typical 0 0.099

Other consid	erations to ensure ad	equate s	moke dispers	sion:	NA					
Sfc Wind Dire	ection:	Ideal:	W		Min:	ANY		Max:	ANY	
Sfc Wind Spe	ed:	Ideal:	15		Min:	0		Max:	25	
Transport Wi	nd Direction:	Ideal:	NW		Min:	ANY		Max:	ANY	
RH:		Ideal:	25		Min:	15		Max:	75	
Temperature		Ideal:	80		Min:	50		Max:	100	
Target Mixing	g Height:	500 ft	(above groun	nd level)						
Edit Delete Inactive	Edit this informat Delete Project 10 Make this unit ina	(Plot 12)								
▼ Project	11 (Plots 15 & 24)			0					(click to	expand)
Acres: 2	86.5 Tons/Ac	ro.	 1	General In			ssland	Fuel	Doneity:	Typical
General Fuel			Dry	Fuel Arra		nt: Gras	Janu		Density:	Typical 0
					IVI.	U		IVIAX	IIITIVI.	U
Cover Type:			GRASS GRA		ha					
General Desc	Anpuon: Previous		area and pri							
	alculation Method: Edit this informat		Table 2 (FL is of 0.007 PM1			EV Esti	mated Em	issions	:	1.223
Edit	East tino informat			Unit Lo	ocation					
County:	San Joaquin		District:			lley APCD	Air Ba	asin:	San Joaqui	in Valley
Latitude:	37.65582		Longitude:	-121.537		-	Merid		Mt Diablo	<u> </u>
Township:	3S		Range:	4E			Section	on:	17, 20	
									,	
Min Elev:	1055						Mean	Elev:	1299	
	1055 HW-580 Edit this informat	ion.	Max Elev: Slope:	1543 Varied			Mean Aspe		1299 Eastern	
Crossroads: Edit Source of me	HW-580 Edit this informate eteorological informate	ion:	Max Elev: Slope:	1543 Varied Ignition Pr	ological					
Crossroads: Edit Source of me Other consid	Edit this informate eteorological informate erations to ensure ad-	ion: equate s	Max Elev: Slope: LLNL S30 moke dispers	1543 Varied Ignition Pr 00 Meteoro	ological NA	Tower		ct:	Eastern	
Crossroads: Edit Source of me Other consid Sfc Wind Dire	Edit this informate eteorological informate erations to ensure adection:	ion: equate s Ideal:	Max Elev: Slope: LLNL S30 moke dispers	1543 Varied Ignition Pr 00 Meteoro	ological NA Min:	Tower		Max:	ANY	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe	Edit this informate eteorological informate erations to ensure addrection:	ion: equate si Ideal: Ideal:	Max Elev: Slope: LLNL S30 moke dispers W	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min:	ANY 0		Max:	ANY 25	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi	Edit this informate eteorological informate erations to ensure adection:	ion: equate s Ideal: Ideal: Ideal:	Max Elev: Slope: LLNL S30 moke dispers W 15 NW	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min:	ANY 0 ANY		Max: Max: Max:	ANY 25 ANY	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi	Edit this informate eteorological informate erations to ensure addrection:	ion: equate si Ideal: Ideal:	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min:	ANY 0		Max:	ANY 25	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH:	Edit this informate eteorological informate erations to ensure adection:	ion: equate s Ideal: Ideal: Ideal:	Max Elev: Slope: LLNL S30 moke dispers W 15 NW	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min:	ANY 0 ANY		Max: Max: Max:	ANY 25 ANY	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH:	Edit this informate eteorological informate erations to ensure adection: eed: nd Direction:	ion: equate s Ideal: Ideal: Ideal: Ideal:	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min: Min:	ANY 0 ANY 15		Max: Max: Max: Max:	ANY 25 ANY 75	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH:	Edit this informate eteorological informate erations to ensure adection: eed: nd Direction:	ion: equate si Ideal: Ideal: Ideal: Ideal: Ideal: Ideal: (Plots 15	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min: Min:	ANY 0 ANY 15		Max: Max: Max: Max:	ANY 25 ANY 75	
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature Target Mixing Edit Delete Inactive	Edit this informate eteorological informate erations to ensure addection: ed: nd Direction: g Height: Edit this informat	ion: equate si Ideal: Ideal: Ideal: Ideal: Ideal: Ideal: (Plots 15	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min: Min: Min: Min:	ANY 0 ANY 15 50		Max: Max: Max: Max:	ANY 25 ANY 75 100	expand)
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive	Edit this informate eteorological informate eteorologi	ion: equate si Ideal: Ideal: Ideal: Ideal: Ideal: One for the sign of the sign	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	1543 Varied Ignition Pr 00 Meteoro	NA Min: Min: Min: Min: Min: Min:	ANY 0 ANY 15 50		Max: Max: Max: Max: Max:	ANY 25 ANY 75 100	expand)
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4	Edit this informate eteorological informate erations to ensure addrection: eed: nd Direction: g Height: Edit this informat Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	Ignition Promote Meteoromics on:	ological NA Min: Min: Min: Min: Min: Min: Min: Min:	ANY 0 ANY 15 50	Asped	Max: Max: Max: Max: Max: Fuel	ANY 25 ANY 75 100	. ,
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel	Edit this informate eteorological informate erations to ensure addrection: eed: nd Direction: g Height: Edit this informate Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture:	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	Ignition Promote Meteoromic Sion: General In Fuel Arra	ological NA Min: Min: Min: Min: Min: Min: Min: Min:	ANY 0 ANY 15 50	Asped	Max: Max: Max: Max: Max: Fuel	ANY 25 ANY 75 100 (click to	Typical
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel Cover Type: General Desc	Edit this informat eteorological informat erations to ensure add ection: eed: nd Direction: Edit this informat Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture: VALLEY cription: Previous	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	Ignition Properties of the second sion: General In Fuel Arra Min THF ASSLAND marily national	ological NA Min: Min: Min: Min: Min: Min: Min: Min:	ANY 0 ANY 15 50 nt: Gras	Aspec	Max: Max: Max: Max: Max: Max: Max:	ANY 25 ANY 75 100 (click to	Typical 0
Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel Cover Type: General Desc	Edit this informate eteorological informate erations to ensure addrection: eed: and Direction: Edit this informat Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture:	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun 1 Dry GRASS GRA area and pri	Ignition Promotesion: General In Fuel Arra Min THFI ASSLAND marily nations of the content of th	ological NA Min: Min: Min: Min: Min: Min: Min: win: Min: Min: Min:	ANY 0 ANY 15 50 nt: Gras	Asped	Max: Max: Max: Max: Max: Max: Max:	ANY 25 ANY 75 100 (click to	Typical
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel Cover Type: General Desc Emissions Ca	Edit this informate eteorological informate erations to ensure addrection: eed: nd Direction: g Height: Edit this informate Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture: VALLEY cription: Previous	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	Ignition Properties of the Ignition Properties of Meteorolision: General In Fuel Arra Min THF ASSLAND marily nationally nationally in the Ignition of Ignition (Inc.)	ological NA Min: Min: Min: Min: Min: Min: Min: win: Min: Min: Min:	ANY 0 ANY 15 50 nt: Gras	Aspec	Max: Max: Max: Max: Max: Max: Max:	ANY 25 ANY 75 100 (click to	Typical 0
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel Cover Type: General Desc Emissions Ca	Edit this informate eteorological informate erations to ensure addrection: eed: nd Direction: g Height: Edit this informate Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture: VALLEY cription: Previous	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun	Ignition Proposition: Ignition Proposition: Ignition Proposition: Ignition Proposition	ological NA Min: Min: Min: Min: Min: Min: ive grasse; grass	ANY 0 ANY 15 50 nt: Gras	Aspect Sestand	Max: Max: Max: Max: Max: Max: Max: sissions	ANY 25 ANY 75 100 (click to	Typical 0
Edit Source of me Other consid Sfc Wind Dire Sfc Wind Spe Transport Wi RH: Temperature: Target Mixing Edit Delete Inactive Project Acres: 4 General Fuel Cover Type: General Desc Emissions Ca	Edit this informate eteorological informate erations to ensure addrection: eed: nd Direction: g Height: Edit this informate Delete Project 11 Make this unit ina 12 (Plot 14E) 7.8 Tons/Ac Moisture: VALLEY Cription: Previous alculation Method: Edit this informate	ion: equate si Ideal: I	Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 (above groun 1 Dry GRASS GRA area and prin Table 2 (FL is of 0.007 PM1	Ignition Proposition: Ignition Proposition: Ignition Proposition: Ignition Proposition	ological NA Min: Min: Min: Min: Min: Min: ive grass e; grass	ANY 0 ANY 15 50 nt: Gras 0 ses. EV Esti	Aspect Sestand	Max: Max: Max: Max: Max: Max: sissions	ANY 25 ANY 75 100 (click to	Typical 0

	Fring -	Prescribed	Fire Information F	Reporting S	system		
Min Elev: 649		Max Elev:	697		Mean Elev:	673	
Crossroads: HW-580		Slope:	Varied		Aspect:	Eastern	
Edit Edit this i	nformation.						
Source of meteorological i	nformation:		Ignition Prescription Meteorological T				
Other considerations to en				01101			
Sfc Wind Direction:	Ideal:	W	Min:	ANY	Max:	ANY	
Sfc Wind Speed:	Ideal:	15	Min:	0	Max:	25	
Transport Wind Direction:	Ideal:	NW	Min:	ANY	Max:	ANY	
RH:	Ideal:	25	Min:	15	Max:	75	
Temperature:	Ideal:	80	Min:	50	Max:	100	
Target Mixing Height:	500 ft (a	above ground	d level)				
Edit Edit this i	nformation.						
Delete Pro	oject 12 (Plot 14E).					
Inactive Make this	unit inactive. 🛚						
▼ Project 13 (Plot 13)		Constalled:			(click to	expand)
Acres: 190.4	Tons/Acre: 1		General Information Fuel Arrangemen		land Fuel	Density:	Typical
General Fuel Moisture:		Dry	Min THFM:	0		THFM:	0
Cover Type:	VALLEY NEEDLE		SSLAND				
	Previously burnt	area and prin	narily native grass	es.			
Emissions Calculation Met		Table 2 (FL is of 0.007 PM10	1 ton/acre; grass 0/ton fuel)	EV Estima	ated Emissions	:	1.273
Edit Edit this i	nformation.						
County: San Joaquin	ı	District:	Unit Location San Joaquin Val	lev APCD	Air Basin:	San Joaqui	n Valley
Latitude: 37.639722		Longitude:	-121.531041	.oy 7 ob	Meridian:	Mt Diablo	valley
Township: 3S		Range:	4E		Section:	27, 28, 33, 3	4
Min Elev: 614		Max Elev:	1302		Mean Elev:	958	
Crossroads: HW-580		Slope:	Varied		Aspect:	Eastern	
Edit Edit this i	nformation.		Inviting Dung winding				
Source of meteorological i	nformation:		Ignition Prescription Meteorological T				
Other considerations to en							
Sfc Wind Direction:	Ideal:	W	Min:	ANY	Max:	ANY	
Sfc Wind Speed:	Ideal:	15	Min:	0	Max:	25	
Transport Wind Direction:	Ideal:	NW	Min:	ANY	Max:	ANY	
RH:	Ideal:	25	Min:	15	Max:	75	
Temperature:	ldeal:	80	Min:	50	Max:	100	
Target Mixing Height:	500 ft (a	above ground	d level)				
Edit Edit this i	nformation.	-					
Delete Pro	oject 13 (Plot 13).						
Inactive Make this	unit inactive. 🕐						
▼ Project 14 (Plot 14	W)		General Information	1		(click to	expand)
Acres: 8.8	Tons/Acre: 1		Fuel Arrangemen		land Fuel	Density:	Typical
General Fuel Moisture:		Ory	Min THFM:	0		THFM:	0
	VALLEY NEEDLE						
31			narily native grass	es.			
•		· ·	1 ton/acre; grass	FV	tod Code to		2.000
Emissions Calculation Met		of 0.007 PM10		Estima	ated Emissions	•	2.006

Edit								
Euit								
.	0		Bird in	Unit Location	4000	A*- B *-	0	
County:	San Joaquin		District:	San Joaquin V	alley APCD	Air Basin: Meridian:	San Joaquin '	valley
Latitude: Township:	37.638183 3S		Longitude:	-121.537528 4E		Section:		
Min Elev:	568		Range: Max Elev:	738		Mean Elev:	28, 29, 33 653	
Crossroads:			Slope:	Varied		Aspect:	Eastern	
olossidaus.	1144-300		эторе.	varieu		Aspect.	Lastern	
Edit	Edit this informa	ation.						
Source of me	eteorological informa	ation:		Ignition Prescripti				
Other consid	lerations to ensure a	dequate sr	noke dispers	ion: NA				
Sfc Wind Dir	ection:	Ideal:	W	Min:	ANY	Max:	ANY	
Sfc Wind Spe	eed:	Ideal:	15	Min:	0	Max:	25	
Transport Wi	ind Direction:	ldeal:	NW	Min:	ANY	Max:	ANY	
RH:		ldeal:	25	Min:	15	Max:	75	
Temperature	:	ldeal:	80	Min:	50	Max:	100	
Target Mixing	g Height:	500 ft (above groun	d level)				
Edit Delete	Edit this information Delete Project 1		<i>I</i>).					
Inactive	Make this unit ir	nactive. 🛚 ?)					
▼ Project	15 (Plot 16W)						(click to ex	(pand)
Acres: 4	42.1 Tons/A	Acre: 1	1	Fuel Arrangeme		land Fuel	Density:	Typical
4	TOTIS/A		•	. uci Airailyeille	Ji a 5 5	ruel	Donisity.	Typical
General Fuel	Moisture:		Dry	Min THFM:	n	Mav	THFM:	0
			Ory	Min THFM:	0	Max	THFM:	0
Cover Type:	VALLE	Y NEEDLE	GRASS GRA	SSLAND		Max	THFM:	0
General Fuel Cover Type: General Desc	VALLE	Y NEEDLE usly burnt	GRASS GRA	SSLAND narily native gra	sses.			0
Cover Type: General Desc	VALLE	Y NEEDLE usly burnt	GRASS GRA	SSLAND narily native gras 1 ton/acre; gras	sses.	Max ated Emissions		0.231
Cover Type: General Desc	VALLE cription: Previo	Y NEEDLE usly burnt	GRASS GRA area and prir Table 2 (FL is	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel)	sses.			
Cover Type: General Desc Emissions C Edit	VALLE cription: Previo alculation Method: Edit this informa	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location	sses. s EV Estima	ated Emissions	:	0.231
Cover Type: General Desc Emissions C Edit County:	VALLE cription: Previo alculation Method: Edit this informa San Joaquin	Y NEEDLE usly burnt	GRASS GRA area and prin Fable 2 (FL is of 0.007 PM10	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V	sses. s EV Estima	ated Emissions Air Basin:	: San Joaquin	0.231
Cover Type: General Desc Emissions C Edit County: Latitude:	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude:	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692	sses. s EV Estima	ated Emissions Air Basin: Meridian:	San Joaquin Mt Diablo	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township:	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range:	SSLAND marily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E	sses. s EV Estima	ated Emissions Air Basin: Meridian: Section:	San Joaquin Mt Diablo	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev:	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev:	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707	sses. s EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 17, 20 1386	0.231
Cover Type: General Desc Emissions C	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range:	SSLAND marily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E	sses. s EV Estima	ated Emissions Air Basin: Meridian: Section:	San Joaquin Mt Diablo	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads:	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied	sses. s EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 17, 20 1386	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	SSLAND marily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological	sses. s EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 17, 20 1386	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa lerations to ensure a	Y NEEDLE usly burnt	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope:	SSLAND marily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological	sses. s EV Estima	Air Basin: Meridian: Section: Mean Elev:	San Joaquin Mt Diablo 17, 20 1386	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa lerations to ensure a ection:	ation. ation: dequate sr	GRASS GRA area and prin Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min:	alley APCD	Air Basin: Meridian: Section: Mean Elev: Aspect:	San Joaquin Mt Diablo 17, 20 1386 Eastern	0.231
Cover Type: General Desc General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spe	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa lerations to ensure a ection:	ation.	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA	sses. s EV Estima alley APCD Tower ANY	Air Basin: Meridian: Section: Mean Elev: Aspect:	San Joaquin Mt Diablo 17, 20 1386 Eastern	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spe Transport Wi	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa derations to ensure a ection:	ation: dequate sr Ideal: Ideal:	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15	SSLAND narily native gras 1 ton/acre; gras Diton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min:	alley APCD Tower ANY 0	Air Basin: Meridian: Section: Mean Elev: Aspect: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spc Transport Wi	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: eed: end Direction:	ation. ation: dequate sr Ideal: Ideal:	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW	SSLAND narily native gras 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min:	on Tower ANY 0 ANY	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spc Transport Wi RH: Temperature	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: eed: ind Direction:	ation. ation: dequate sr Ideal: Ideal: Ideal: Ideal:	GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80	SSLAND narily native grad 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min: Min: Min: Min: Min: Min:	SSES. SEV Estima alley APCD Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY 75	0.231
Cover Type: General Desi Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spr Transport Wi RH: Temperature Target Mixing	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: eed: ind Direction: : g Height:	ation. ation: dequate sr Ideal: Ideal: Ideal: Ideal: Sooft (GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25	SSLAND narily native grad 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min: Min: Min: Min: Min: Min:	SSES. SEV Estima alley APCD Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY 75	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spc Transport Wi RH: Temperature Target Mixing	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: ed: ind Direction: : g Height: Edit this informa	ation. ation: dequate sr Ideal: Ideal: Ideal: Ideal: Soo ft (GRASS GRA area and prir Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 above ground	SSLAND narily native grad 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min: Min: Min: Min: Min: Min:	SSES. SEV Estima alley APCD Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY 75	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spc Transport Wi RH: Temperature Target Mixing Edit Delete	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: eed: ind Direction: Edit this informa Delete Project 1	ation. ation: dequate sr Ideal: Ideal: Ideal: Ideal: Soo ft (GRASS GRA area and prin Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 above ground	SSLAND narily native grad 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min: Min: Min: Min: Min: Min:	SSES. SEV Estima alley APCD Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY 75	0.231
Cover Type: General Desc Emissions C Edit County: Latitude: Township: Min Elev: Crossroads: Edit Source of me Other consid Sfc Wind Dir Sfc Wind Spc Transport Wi RH: Temperature Target Mixing	VALLE cription: Previo alculation Method: Edit this informa San Joaquin 37.652034 38 1065 HW-580 Edit this informa eteorological informa elerations to ensure a ection: ed: ind Direction: : g Height: Edit this informa	ation. ation: dequate sr Ideal: Ideal: Ideal: Ideal: Soo ft (GRASS GRA area and prin Fable 2 (FL is of 0.007 PM10 District: Longitude: Range: Max Elev: Slope: LLNL S30 moke dispers W 15 NW 25 80 above ground	SSLAND narily native grad 1 ton/acre; gras 0/ton fuel) Unit Location San Joaquin V -121.549692 4E 1707 Varied Ignition Prescripti 0 Meteorological ion: NA Min: Min: Min: Min: Min: Min: Min: Min:	SSES. SEV Estima alley APCD Tower ANY 0 ANY 15	Air Basin: Meridian: Section: Mean Elev: Aspect: Max: Max: Max: Max:	San Joaquin Mt Diablo 17, 20 1386 Eastern ANY 25 ANY 75	0.231

Multiple Add a multiple Broadcast Units via spreadsheet

▼ Pile Units

Single Add a single Pile Unit

Multiple Add a multiple Pile Units via spreadsheet

▼ Smoke Sensitive Areas

Complete

SSA Name		Direction	Distance	Delete?
City of Tracy		NE	2.7 (mi) miles	Delete
City of Livermore		E 7.26 (mi) miles		Delete
Community of Mountain House		N	N 5.3 (mi) miles	
	City of Manteca,CA	NE	17.07 (mi) miles	Delete
City of Lathrop		NE	15.68 (mi) miles	Delete
Community of Tracy Hills		NE	1.8 (mi) miles	Delete
Edit	Edit Smoke Sensitive Area(s)			
Add	Add Smoke Sensitive Area(s)			

▼ Public Contact Methods

Complete

TV? No Radio? No Newspaper?	Yes Signs/Flyers?	No	Telephone?	Yes	Email?	Yes	Website?	Yes
Description of Contact Method(s)	Letter to neighbors, ne such as Linkedin, Twit		notice, lock libr	aries, LLN	IL webpag	e, socia	al media platfo	orms,
Signage Description	Not applicable, remote	area						
Edit Edit this Land Ma	anager							

▼ Alternatives to Burning

Complete

V Alternatives to burning		
Alternative Na	me:	Various
Description:	Description: Mowing/disking, grazing, sterilization.	
Did you use th	Did you use this alternative? No	
Estimated emissions and fuel reduction (if used) Reasons (if not used) Too steep for mowing/disking. Grazing or sterilization will have adverse impact onsite.		Too steep for mowing/disking. Grazing or sterilization will have adverse impacts to native plants onsite.
Additional Con	nments:	
Edit	Edit this Alternative	
Delete	Delete this Alternative	
Add	Add an Alternative	

▼ Smoke Mitigation

Complete

Contingency I	gency Name: Smoke Reduction		
Contingency I	Contingency Measure? Yes		
Smoke Minimization Measure? Yes		Yes	
Description:		Suppress active fire. Reduce the size of burn plot by developing new control lines. Initiate mop-up operations once fire is controlled. Focus suppression and mop-up operations on area of greater smoke production.	
Edit	Edit this Smoke Mitigation information		
Delete	Delete this Smoke Mitigation information		
Add	Add Smoke Mitigation information		

▼ SMP Comments Complete Land Manager Comments: None Edit Edit this Comment

▼ Project Maps Complete

LLNL S300 2024 Burn N	Map View	Delete
Google Map with all bu	rn units Google	
Add Add M	laps	

Print Print this plan.

This SMP has been submitted.

Save Changes and exit. Plan can be accessed at any time. This choice will NOT submit your plan to any air district.

Archive this plan. You will be able to access the plan via the Retrieve SMP page, under the Archived Plans

menu.

Other Options

Archive

Retrieve another SMP.

Inside Return to the PFIRS Land Manager Inside page.

Log Out Of PFIRS.

