

SOUTH COAST AQMD

OPEN BURN PROGRAM
(909) 396-3403



RULE 444 - OPEN BURNING

Any outdoor fire...

...conduct open burns in a manner that minimizes emissions, impacts, and manages the smoke...



08/09/2016 11:44

WHY THE OPEN BURN PROGRAM



TYPES OF OPEN BURNS

APPLICATION AND PERMIT TO BURN

I hereby apply for a Permit to Burn the material indicated below pursuant to the South Coast Air Quality Management District Rule 444.

Fire Agency LOCAL FIRE AGENCY
Business Name HOMEOWNER Phone No. 951.453.7191
Mailing Address Same City _____ Zip _____
Contact KAMAL BRENNER
Burning Site Location 21865 COPLEY DR City DIAMOND BAR Zip 91765
Cross Street _____ Township _____ Range _____ Section _____
Type of Material TUMBLEWEED Estimated Quantity: Tons _____ Acreage 1
Agricultural Burning _____ Tumbleweeds (Bassian Thistle) Firefighting Training _____ Fire Hazard _____
Other _____

- (a) THE SUBJECT BURN WILL BE SOLELY OF AGRICULTURAL WASTE, AND IT IS NOT INTENDED FOR THE PURPOSE OF PREPARING OR CONVERTING THE LAND, DIRECTLY OR INDIRECTLY, TO A NON-AGRICULTURAL USE OR PURPOSE.
(b) I OWN OR LEGALLY CONTROL THE ABOVE-DESCRIBED LAND AND I AGREE TO COMPLY WITH ALL FIRE AND AIR QUALITY MANAGEMENT LAWS, ORDINANCES, REGULATIONS AND TERMS OF THE PERMIT.
(c) I CERTIFY THAT I HAVE READ AND UNDERSTAND THE REVERSE SIDE OF THIS APPLICATION.

Permit: Applicant is hereby authorized to conduct open burning in accordance with above information, and subject to the following:

1. Permit Duration 1/21/15 through 2/21/15.
2. Burning to be confined between the hours of sunrise plus 1 hour and Noon. Unless approved by local Fire Department.
3. Agriculture
 - You are permitted to burn _____ ONLY. NO CCA treated wood, rubber, plastic, tires, trash, or construction debris allowed to be burned.
4. Tumbleweed
 - You are allowed to burn Tumbleweeds ONLY. NO tree stumps, brush, grass, weeds, plastics, tires, trash, or construction debris is allowed to be burned.
5. Other Requirements _____

PLEASE TELEPHONE (909) 396-5403 THE DAY PRIOR TO BURNING.

7. IN THE EVENT OF AN EMERGENCY CALL 911

Applicant's Name Kamal Brenner Signature [Signature] Date 1/21/15

Administrative Use	
Issuing Agency <u>SCAQMD</u>	Permit No. <u>TW072015</u>
Issued by (Name) <u>K BRENNER</u>	Title <u>BURN COORDINATOR</u> Date <u>1/21/15</u>
FIRE AGENCY: Field Inspection made by _____	Date _____
Meets Requirements of Rule 444 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks _____	

DISTRIBUTION: White - Permittee, Yellow - Issuing Agency, Pink - SCAQMD

Agricultural Burns

Emergency Crop Protection

Tumbleweed Burns

Fire Suppression Training

Forestry Burns (Prescribed)

Other (Flags, Testing, Diseased Materials, Contraband)

AGRICULTURAL BURN MATERIALS

Waste materials produced entirely from agricultural operations...

...growing of crops or raising of animals

Land use conversion
IS NOT
agricultural
WASTE

Date Palm Fronds

Citrus Trees and Trimmings

Grapevines

Native Vegetation

AGRICULTURAL BURN REQUIREMENTS

Waste materials produced entirely from agricultural operations

More than 1000 feet away from sensitive receptor locations (homes)

Free of trash, nonagricultural waste, dirt, soil and visible moisture

Coachella
41 acres daily limit

AGRICULTURAL BURN ADDITIONAL REQUIREMENTS



**Fire Dept
Requirement**

**Area surrounding
the burn piles must
be cleared to
“bare” mineral soil**

**Minimum distance
between burn piles
is 30 feet.**

**Burn piles to any
power lines or
affected property
lines is 100 feet**

**Allowable pile size
is 20 feet diameter
by 15 feet high.**

AGRICULTURAL DRYING TIMES

Green crops
4 weeks

Less than $\frac{1}{4}$ "
10 days

3" or greater
6 weeks

$\frac{1}{4}$ - 1"
3 weeks

1 - 3"
4 weeks

GOOD AGRICULTURAL BURN PILES



Permitted Piles

PROHIBITED AGRICULTURAL BURN PILES

Not Allowed



TREATED WOOD STAKES

- Contain toxic materials
- Not allowed to burn



HOW WE DETERMINE TREATED WOOD WASTE



Innov-X Results

Reading #2 29-May-2015

Soil Mode

Detected	ppm	+/-
Cr	14353	331
Fe	9094	188
Cu	5762	104
Zn	1924	45
Hg	153	18
As	11439	165
Rb	9	2
Sr	115	4

IPAO



EMERGENCY CROP PROTECTION BURNS

Temperature is or is reasonably anticipated to be below 40° F

NO plastic, rubber, chemically treated wood, garbage, oil filters, tires, tar paper...

Shall be extinguished by 7:00 AM



**BURN
PERMIT
REQUIRED**

OBTAINING A BURN PERMIT

Schedule
inspection
with
SCAQMD

Complete
application
form and fee

Obtain a
SCAQMD
Burn Permit

Obtain a Fire
Dept Permit

Call Burn
Line the day
before to
obtain a Burn
Authorization
Number

Call FD on
morning of
the burn for
authorization

Allowed Burn Hours

1 hour after sunrise
until no later than 2
hours before sunset

7:00 am – 5:00 pm



RULE EXEMPTIONS FOR OPEN BURNING

NO
SCAQMD
PERMIT
REQUIRED

Recreational or Ceremonial Fires

Warming Food or Generating Warmth at a Social Gathering

Fireworks Displays

Pyrotechnics Used for Creating Special Effects

Detonation of Explosives During:

- Quarry or Mining Operations
- Bomb Disposal by a Law Enforcement Agency
- Demolition of Buildings or Structures

FINAL BURN DECISION

TUESDAY, JULY 09, 2019

Issue Date: Monday, July 08, 2019



Permissive



Marginal

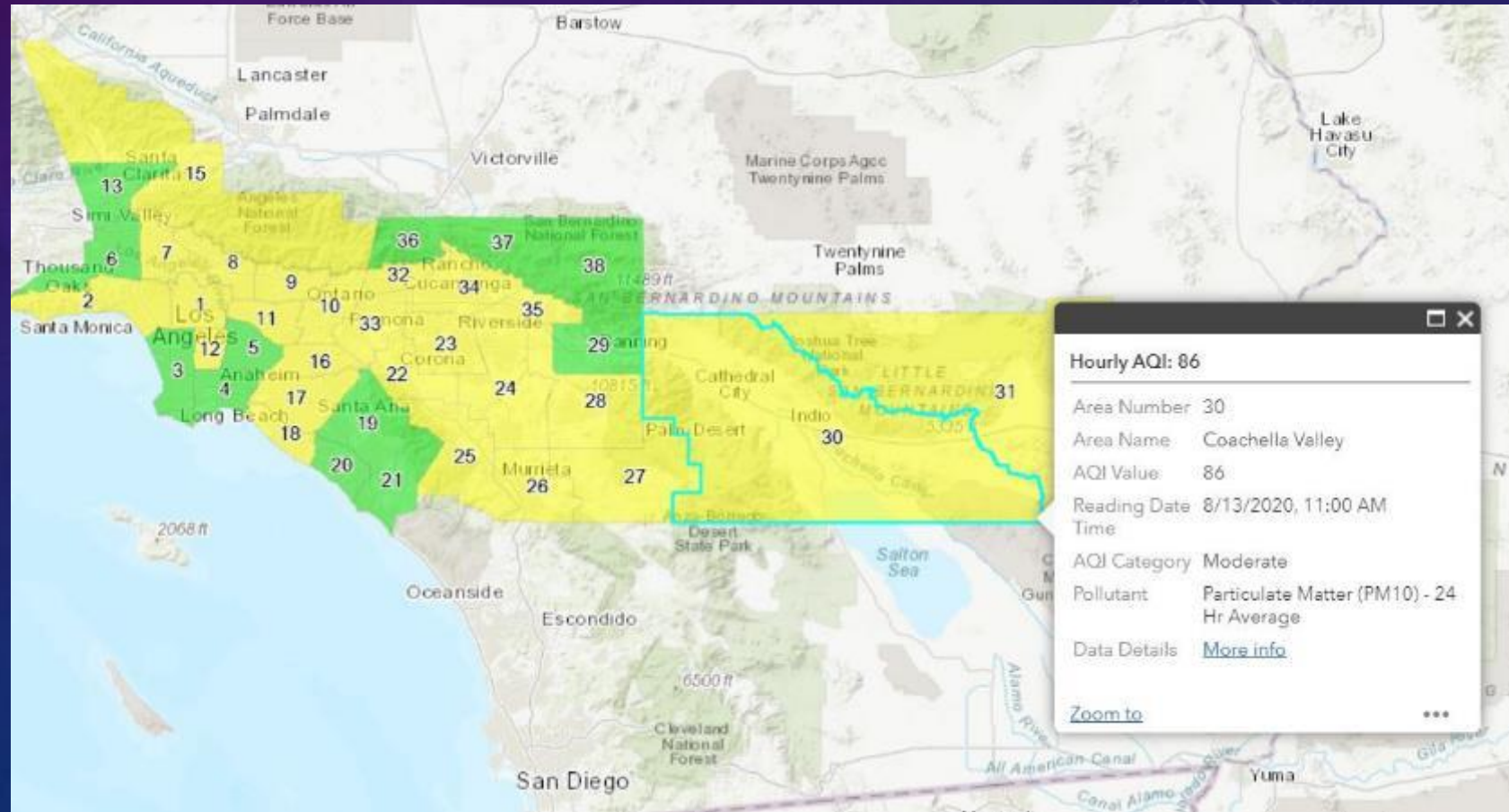


Prohibited

BURNING PERMITTED IN ALL AREAS

BURNING PROHIBITED IN SELECT AREAS (MARGINAL*)

BURNING PROHIBITED IN ALL AREAS



SOUTH COAST AIR BASIN AREA 40 BURNING PROHIBITED IN ALL AREAS

Burn Status by Source Receptor Area: (red indicates burning prohibited)

1. Central Los Angeles County	20. Central Coastal Orange County
2. Northwest Coastal Los Angeles Co.	21. Capistrano Valley
3. Southwest Los Angeles County Co.	22. Corona/Norco Area
4. South Coastal Los Angeles Co.	23. Metropolitan Riverside County
5. Southeast Los Angeles Co.	24. Perris Valley
6. West San Fernando Valley	25. Lake Elsinore Area
7. East San Fernando Valley	26. Temecula Valley
8. West San Gabriel Valley	27. Anza Area
9. East San Gabriel Valley	28. Hemet/San Jacinto Valley
10. Pomona/Walnut Valley	29. Banning/San Geronio Pass
11. South San Gabriel Valley	32. Northwest San Bernardino Valley
12. South Central Los Angeles Co.	33. Southwest San Bernardino Valley
13. Santa Clarita Valley	34. Central San Bernardino Valley
15. San Gabriel Mountains	35. East San Bernardino Valley
16. North Orange County	36. West San Bernardino Mtns.
17. Central Orange County	37. Central San Bernardino Mtns.
18. North Coastal Orange County	38. East San Bernardino Mtns.
19. Saddleback Valley	

SALTON SEA AIR BASIN AREA 55 BURNING PROHIBITED IN SELECT AREAS (MARGINAL*)

Burn Status by Source Receptor Area: (red indicates burning prohibited)

30. Coachella Valley	
----------------------	--

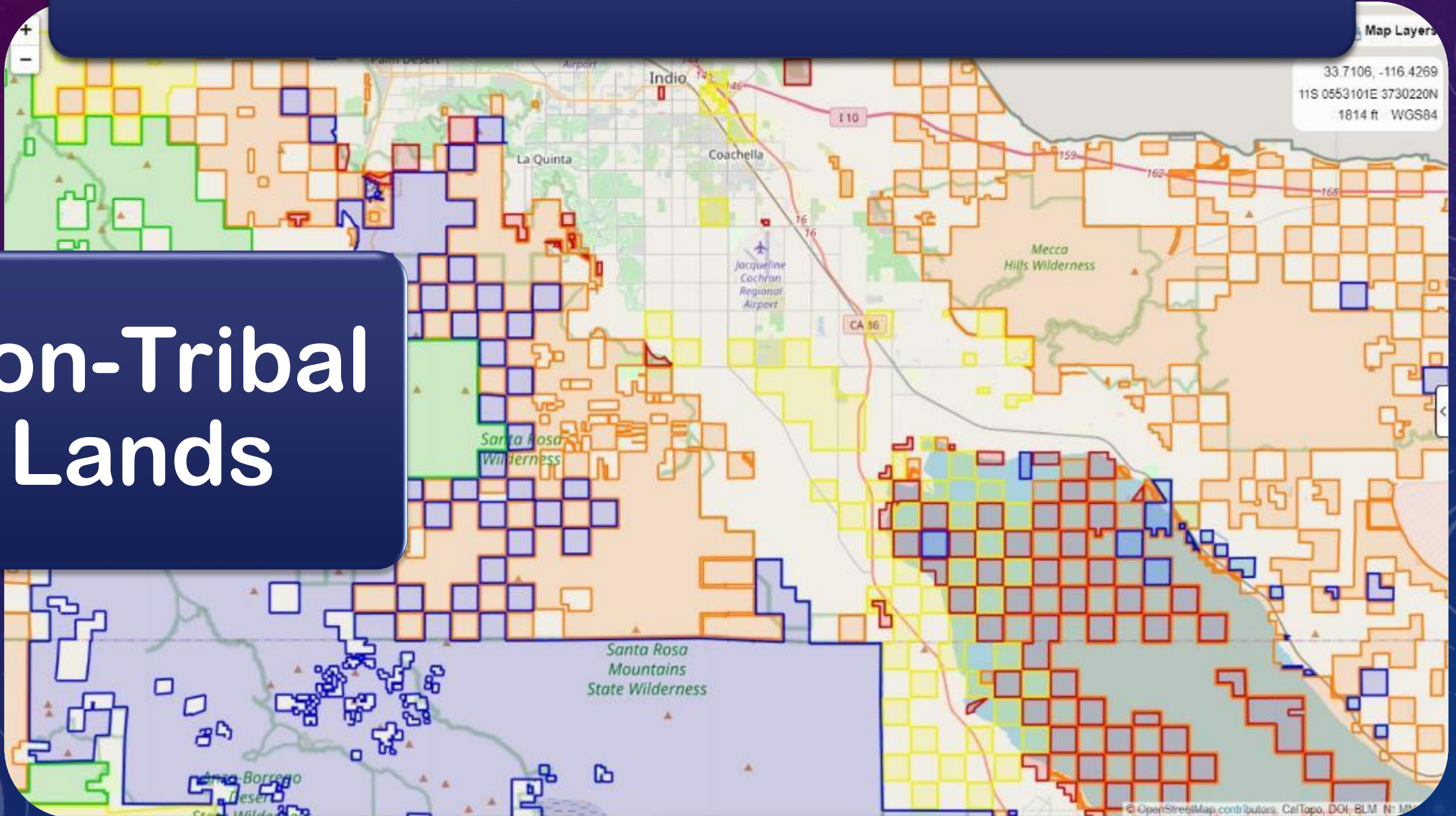
MOJAVE DESERT AIR BASIN AREA 53 BURNING PERMITTED IN ALL AREAS

Burn Status by Source Receptor Area: (red indicates burning prohibited)

31. East Riverside County	
---------------------------	--

SCAQMD JURISDICTION

Non-Tribal
Lands



Burning (non-Tribal)

SCAQMD

**Open Burn
Hotline**
(909) 396-3403

Complaint
(800) 288-7664

Fire Dept

Emergency
911

Complaint
(760) 398-8895

Dumping (non-Tribal)

**Code
Enforcement**

(888) 782-6263

Mulching

(760) 393-3344

**Roadside
Dumping**

(800) 870-6600

Dumping / Burning on Tribal Land

**Torres Martinez
Desert Cahuilla
Indians**

(760) 541-5215

**Twenty-Nine
Palms Band of
Mission Indians**

(760) 398-6767


**Augustine Band
of Cahuilla
Indians**

(760) 398-4722


**Cabazon Band
of Mission
Indians**

(760) 342-2593

...QUESTIONS?



Agricultural Burning in Eastern Coachella Valley (ECV)



South Coast AQMD Agricultural Burning Rule

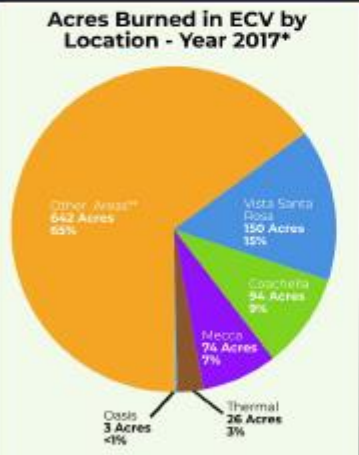
Assembly Bill (AB) 617 Community Air Protection Program - Eastern Coachella Valley

Emissions from Agricultural Burning in Tons Per Year (tons/year)

	VOC** (tons/year)	NOx** (tons/year)	CO** (tons/year)
Agricultural Burning	215	24.87	143


**Emissions data from 2017 was developed by South Coast AQMD staff and is based on agricultural VOC = volatile organic compounds, NOx = nitrogen oxides, CO = carbon monoxide, PM10 equal to 10 microns in diameter, PM2.5 = particulate matter less than or equal to 2.5 microns

Acres Burned in ECV by Location - Year 2017*




*Data does not include burns on tribal lands, nor burns that are not permitted by the South Coast AQMD (i.e., illegal burns).
**Areas outside cities and census designated places.


Type of Burn in ECV





Rule 444 Open Burning


minimizes emissions from open burning to protect public health and safety. This rule applies to:



Agricultural burning


Emergency burning to prevent crops from freezing


Fire department training


Burning required to reduce fire hazard


Tumbleweed disposal


Other

Agricultural Burning Requirements

Agricultural burning:

- must be at least 1,000 feet away from homes, schools, day-care centers, and hospitals
- must begin one hour after sunrise and be finished two hours before sunset
- must be less than 41 acres per day
- must contain only agricultural waste (free of dirt, soil, and other debris)
- must be lit with an approved device (does not produce black smoke)


Agricultural Burn Permit Process

- 1 Burn Management Plan & Pre-Burn Inspection**
Submit a Burn Management Plan and request a Pre-Burn inspection from the South Coast AQMD by calling (909) 396-3403.
- 2 The Day Before a Burn**
Obtain a Burn Authorization Number from the South Coast AQMD by calling (909) 396-3403 before 4:00 p.m.
- 3 Contact Local Fire Department**
After receiving a Burn Authorization Number, contact your local fire department the morning of the burn to see if burning is allowed.
- 4 Burn and Report Back**
Follow rule requirements and use best practices to reduce emissions. Submit an annual burn report including information such as:

Who do I call if I see a burn?


County of Riverside
City of Coachella
City of Indio
South Coast AQMD: 1-800-451-7000

For additional information, visit www.aqmd.gov/ab617



Waste allowed to be burned*

- Citrus
- Fruit bearing trees
- Grape vines
- Date palm fronds
- Brush
- Vegetables
- Other land clearing for agricultural



Waste NOT allowed to be burned

- Trash, plastics, tires, oil filters
- Pallets, chemically treated wood
- Material with asbestos
- Packaging material
- Pesticide and fertilizer containers
- Construction and demolition

Kamal Brenner

Open Burn Coordinator (OBC)

(909) 396-2390

kbrenner@aqmd.gov

Open Burn Hotline

(909) 396-3403