

SANTA BARBARA COUNTY AIR POLLUTION CONTROL DISTRICT

RULE 102 - DEFINITIONS

(Adopted 10/18/1971, revised 1/12/1976, readopted 10/23/1978, revised 7/11/1989, 7/10/1990, 7/30/1991, 7/18/1996, 4/17/1997, 1/21/1999, 5/20/1999, and 6/19/2003)

These definitions apply to the entire rulebook. Definitions specific to a given rule are defined in that rule or in the first rule of the relevant regulation. Except as otherwise specifically provided in these Rules where the context otherwise indicates, words used in these Rules are used in exactly the same sense as the same words are used in Division 26 of the Health and Safety Code.

“Actual Emission Reductions” means a reduction of actual emissions from the stationary source selected for emission offsets, from a baseline which is representative of normal operations approved by the Air Pollution Control Officer. This baseline shall be determined in accordance with Rule 802.F.2 for nonattainment pollutants and Rule 803.J.2 for attainment pollutants and must be based on the average actual emissions from the three years of operation immediately prior to the submission of the complete application. The Air Pollution Control Officer may approve any other time period of at least three years within five years prior to the date of application, or shorter period as may be applicable in cases where the existing source has not been in operation for three consecutive years, that is more representative of normal source operation.

“Affected Pollutants” means all pollutants for which an ambient air quality standard has been established by the Environmental Protection Agency or the Air Resources Board and the precursors to such pollutants, all pollutants regulated by the Environmental Protection Agency under the Clean Air Act or by the Air Resources Board under the Health and Safety Code, including reactive organic compounds, nitrogen oxides, sulfur oxides, PM₁₀ (particulate matter with aerodynamic diameter of ten micrometers or less as measured by reference method 40 Code of Federal Regulations 50 Appendix J.), carbon monoxide, total suspended particulates ethylene, lead, asbestos, beryllium, mercury, vinyl chloride, fluorides, sulfuric acid mist, hydrogen sulfide, total reduced sulfur, and reduced sulfur compounds. Also, all of the pollutants which the Environmental Protection Agency after notice and opportunity for public comment, or the Air Resources Board, or the District after public hearing, determine may have a significant adverse effect on the environment, the public health, or the public welfare.

“Agricultural Burning” means “agricultural burning” as defined in Health and Safety Code Section 39011.

“Air Contaminant” includes, but is not limited to, smoke, charred paper, dust soot, grime, carbon, noxious acids, fumes, gases, odors, or particulate matter, or any combination thereof.

“Air Quality Impact Analysis” means the use of an air quality simulation model, based on specified assumptions and data, to predict the maximum impact of the pollutant in areas over land and water accessible to the public.

“Air Quality Increment” means an increment of allowable air quality degradation, beyond the baseline air quality level.

“Air Quality Related Value” means a feature or property of an area that is affected in some way by the air pollution in issue. Identified values are visibility, odor, flora, fauna, soil, water, geologic features and cultural resources.

“Ambient Air Quality Standards” means those standards set by the State or Federal governments.

“Atmosphere” means the air that envelopes or surrounds the earth. Where air pollutants are emitted into a building not designed specifically as a piece of air pollution control equipment, such emission into the building shall be considered an emission into the atmosphere.

“Attainment Pollutant” means any affected pollutant which is not a nonattainment pollutant.

“Authority to Construct” means a permit issued by the Control Officer for activities described in Rule 201.A.

“Baseline Air Quality” means the ambient concentration level reflecting actual air quality as monitored or modeled as of the existing baseline date shown in the air quality increments table, (Rule 803, Table 3) minus any contribution attributable to emissions from major stationary sources and modifications (as defined in 40 Code of Federal Regulations 52.21 as it existed on 8-7-80) constructed since the baseline date specified in Table 3 of Rule 803.

“Best Available Control Technology” means, for nonattainment pollutants, “Best Available Control Technology” as it is described in Section C.2 of Rule 802. For attainment pollutants, “Best Available Control Technology” is as described in Section D.2 of Rule 803.

“Best Available Retrofit Control Technology” means “Best Available Retrofit Control Technology” as defined in Health and Safety Code Section 40406.

“Board” means the Air Pollution Control Board of the Air Pollution Control District of Santa Barbara County.

“Boundary Line” means, for source emission purposes, a separation such as a fence, abutment or device that restricts public entry to any given area containing a source of emissions by locked gate or attendant. If no boundary restriction exists, or if such boundary restriction includes habitations occupied or regularly used by humans, the boundary line shall be deemed to be such distance from a source of emissions as the evaluating officer deems appropriate for measurements to be best taken, but not closer than 100 feet from such source.

“Burn Day” A "No Burn Day" means any day on which agricultural burning is prohibited by the Air Resources Board or the District. A "Permissive Burn Day" means any day on which agricultural burning is not prohibited by the Air Resources Board. The District may declare any Permissive Burn Day designated by the State Air Resources Board to be a No Burn Day if necessary to maintain suitable air quality.

“California Coastal Waters” means that area between the California coastline and a line starting at the California-Oregon border at the Pacific Ocean,

thence to 42.0 N	125.5 W
thence to 41.0 N	125.5 W
thence to 40.0 N	125.5 W
thence to 39.0 N	125.0 W
thence to 38.0 N	124.5 W
thence to 37.0 N	123.5 W
thence to 36.0 N	122.5 W
thence to 35.0 N	121.5 W
thence to 34.0 N	120.5 W
thence to 33.0 N	119.5 W
thence to 32.5 N	118.5 W

and ending at the California-Mexico border at the Pacific Ocean.

“CFR” means the Code of Federal Regulations, an official compilation of federal regulations generated by federal administrative agencies.

“Class I Area” means any area having air quality or air quality related values requiring special protection, and which has been designated Class I by a federal or state authority empowered to make such designation.

“Class I Impact Area” means all lands outside of a Class I area but within a 10 kilometer (6.2 miles) distance beyond the boundary of a Class I area, or other areas established by the Control Officer based on standard meteorological techniques such as hourly wind roses, frequency distribution of atmospheric wind classes, morning and afternoon mixing depths and any other meteorological or geographical considerations needed to establish the Class I impact area.

“Class II Area” means any area not designated as a Class I or Class III Area pursuant to 40 CFR 51.166(e)

“Clean Air Act” means, unless otherwise indicated, the federal Clean Air Act as amended, 42 United States Code 7401, *et seq.*

“Combustible Refuse” is any solid or liquid combustible waste material containing carbon in a free or combined state.

“Combustion Contaminants” are particulate matter discharged into the atmosphere from the burning of any kind of material containing carbon in a free or combined state.

“Condensed Fumes” means minute solid particles generated by the condensation of vapors from solid matter after volatilization from the molten state, sublimation, distillation, calcination, or chemical reaction, when these processes create air-borne particles.

“Construction” means any physical change or change in the method of operation (including fabrication, erection, installation, or modification of an emission unit) which would result in a change in actual emissions or the source's potential to emit.

“Contiguous Property” means two or more parcels of land with a common boundary or point or separated solely by a public roadway or other public right of way.

“Control Officer” means the Air Pollution Control Officer of the Air Pollution Control District of Santa Barbara County.

“Days” means calendar days unless otherwise stated. Where any deadline prescribed by these Rules and Regulations falls on a weekend or state or federal holiday, the deadline shall be the first business day after the weekend or holiday.

“District” means the Santa Barbara County Air Pollution Control District unless otherwise specifically indicated.

“Dusts” are minute solid particles released into the air by natural forces or by mechanical process such as crushing, grinding, milling, drilling, demolishing, shoveling, conveying, covering, bagging, sweeping, etc.

“Emission Reduction Credit” means an actual emission reduction of specific type and quantity that is registered with the District in accordance with Rule 806.

“Emission Reduction Credit Certificate” means a document that represents emission reduction credits registered in the Source Register, is transferable, is initially issued by the District to a source that qualifies its actual emission reductions for registration in the Source Register by meeting the requirements of Rule 806.

“Emission Unit” means any identifiable piece of equipment or activity that is part of a stationary source which emits or would have the potential to emit any affected pollutant.

“Federally enforceable” means all limitations and conditions which are enforceable by the Administrator of the Environmental Protection Agency.

“Forest Management Burning” means the use of open fires, as part of forest management practice, to remove forest debris. Forest management practices include timber operations, silvicultural practices and forest protection practices.

“Fugitive Emission” means an emission which could not reasonably pass into the atmosphere through a stack, chimney, vent or other functionally equivalent opening.

“Gasoline” means any organic liquid (including petroleum distillates and methanol) having a Reid vapor pressure, as measured using ASTM Method D323-82, of 4.0 pounds per square inch or greater and used as a motor vehicle fuel or any fuel which is commonly or commercially known or sold as gasoline.

“Hazardous Air Pollutant” means any substance listed in or pursuant to Section 112(b) of the Clean Air Act.

“Hearing Board” means the Hearing Board provided for in Section 40801 of the Health and Safety Code as appointed by the Air Pollution Control Board of Santa Barbara County.

“Large Source” means any stationary source that does not meet the criteria of a Small Source or a Medium Source as determined by the Control Officer:

“Major Modified Stationary Source” means a modification at an existing major source which

1. will have emission increases greater than significance levels promulgated in 40 CFR 51.165 and 40 CFR 52.21, or
2. is located within 10 kilometers of a Class I area and the modification causes an impact greater than or equal to 1 microgram per cubic meter on that Class I area .

“Major Stationary Source” means a stationary source of air pollutants which emits or has the potential to emit one hundred tons per year or more of any pollutant.

“Medium Source” means any stationary source that is not a Small Source and where:

1. The Permitted Emissions for the stationary source will be less than all of the values listed below:

Reactive Organic Compounds	10.0 ton/year,
Oxides of Nitrogen (as NO ₂)	10.0 ton/year,
Particulate Matter less than 10 microns	10.0 ton/year
Total Suspended Particulate Matter	10.0 ton/year
Sulfur Oxides (as SO ₂)	10.0 ton/year,
Carbon Monoxide	25.0 ton/year
and	

2. The proposed source does not trigger any toxics review requirements, Negative Declaration or Environmental Impact Report where the District is the lead agency pursuant to CEQA, federal NSPS or NESHAPS, federal operating permit program requirements (with the exception of General Permits) and is not located within 1,000 feet of the outer boundary of a school site.

“Modification” means any physical change in, or any change in method of operation of, or addition to an existing stationary source or any change in hours of operation or production rate which would necessitate a change in permit conditions, except that routine maintenance or repair shall not be considered a physical change. Unless previously limited

by federally enforceable permit condition, the following shall not be considered changes in method of operation:

1. An increase in the production rate or hours of operation if such increase does not exceed the operating design capacity or the actual demonstrated capacity of the stationary source as approved by the Control Officer.
2. A change in operator or ownership of a source.
3. Use of an alternate fuel or raw material, provided that such use is expressly authorized on the Permit to Operate.

A reconstructed source shall be treated as a new stationary source.

“Multiple-Chamber Incinerator” is any article, machine, equipment, contrivance, structure or part of a structure, used to dispose of combustible refuse by burning, consisting of three or more refractory lined combustion furnaces in series, physically separated by refractory walls, interconnected by gas passage ports or ducts and employing adequate design parameters necessary for maximum combustion of the material to be burned. The refractories shall have a Pyrometric Cone equivalent of at least 17, tested according to the method described in the American Society for Testing Materials, Method C-24.

“Natural Gas” means gas which meets General Order 58-A of the Public Utilities Commission.

“New Source” means any stationary source, which will emit any air contaminant not previously emitted at that location.

“Nonattainment Pollutant” means any pollutant as well as precursors for which an ambient air quality standard was exceeded within the District more than three discontinuous times (or, for annual standards, more than one time) within the three years immediately preceding the date when the application for Authority to Construct was found complete, or which has been designated "nonattainment" pursuant to final rulemaking by the Environmental Protection Agency as published in the Federal Register or the Air Resources Board as published in the California Code of Regulations.

“Open Burning in Agricultural Operations” in the growing of crops or raising of fowl or animals means:

1. The burning in the open of materials produced wholly from operations in the growing and harvesting of crops or raising of fowl or animals for the primary purpose of making a profit, or providing of livelihood, or of conducting agricultural research or instruction by an educational institution and
2. In connection with operations qualifying under Subdivision 1:
 - a. The burning of grass and weeds in or adjacent to fields in cultivation or being prepared for cultivation; and

- b. The burning of material not produced wholly from such operations, but which are intimately related to the growing or harvesting of crops and which are used in the field, such as fertilizer and pesticide sacks or containers, where the sacks or containers are emptied and burned in the field.

“Organic Materials” are defined as chemical compounds of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides, metallic carbonates and ammonium carbonate.

“Organic Solvents” means organic materials, including diluents and thinners which are liquid at standard conditions and which are used as, solvers, viscosity reducers or cleaning agents, except that such materials which exhibit a boiling point, as measured using ASTM Method-D-1078-95, higher than 220°F at 0.5 millimeter mercury absolute pressure or having an equivalent vapor pressure shall not be considered to be solvents unless exposed to temperatures exceeding 220°F.

“Outer Continental Shelf Source” means "Outer Continental Shelf Source" as defined by Section 2 of the Outer Continental Shelf Lands (43 U.S.C. Section 1331, *et seq*).

“Particulate Matter” is any material, except uncombined water, which exists in a finely divided form as a liquid or solid at standard conditions.

“Permit to Operate” means the written permission, with any specified conditions required, that must be obtained from the Control Officer before any article, machine, equipment or other contrivance, the use of which may cause, increase, eliminate, reduce, or control the issuance of air contaminants before it may be operated or used.

“Person” means any person, firm, association, organization, partnership, business trust, corporation, company, contractor, supplier, installer, user, or owner, or any federal, state or local governmental agency, or public district or any officer or employee thereof.

“PM₁₀” means Particulate Matter with aerodynamic diameter of less than 10 microns.

“Photochemically Reactive Solvent” means any solvent with an aggregate of more than 20 percent of its total volume composed of the chemical compounds classified below or which exceeds any of the following individual percentage composition limitations, referred to the total volume of solvent;

1. combination of hydrocarbons, alcohols, aldehydes, esters, ethers or ketones, having an olefinic or cycloolefinic type of unsaturation: 5 percent, or
2. combination of aromatic compounds with 8 or more carbon atoms to the molecule, except ethylbenzene: 8 percent, or
3. combination of ethylbenzene, ketones having branched hydrocarbon structures, trichloroethylene or toluene: 20 percent.

Whenever any organic solvent or any constituent of an organic solvent may be classified from its chemical structure into more than one of the above groups of organic compounds, it shall be considered as a member of the most reactive chemical group, i.e., that group having the least allowable percent of the total volume of solvents.

“Pollutant” - See "affected pollutant"

“Portable internal combustion engine” means any internal combustion engine that is portable, meaning it is carried or moved from one location to another in the normal course of business. Indicia of portability shall include, but are not limited to, wheels, skids, carrying handles, or a dolly, trailer, vessel, platform, or mounting. “Portable internal combustion engine” does not include an engine used to propel nonroad equipment or a motor vehicle of any kind, including, but not limited to, a heavy duty vehicle.

“Potential to Emit” means the maximum capacity of the stationary source to emit a pollutant, including fugitive emissions, under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design only if the limitation is federally enforceable. Secondary emissions do not count in determining the potential to emit.

“Precursor” means any directly emitted pollutant that, when released into the atmosphere, forms or causes to be formed or contributes to the formation of a secondary pollutant for which an ambient air quality standard has been adopted, or whose presence in the atmosphere will contribute to the violation of one or more ambient air quality standards. The following precursor/pollutant relationships shall be used for purposes of these Rules and Regulations:

Precursor	Secondary Pollutant
Reactive Organic Compounds	Ozone The organic fraction of PM ₁₀
Oxides of Nitrogen	Ozone The nitrate fraction of PM ₁₀
Oxides of Sulfur	Sulfates The sulfate fraction of PM ₁₀

“Process Weight Per Hour” means the total Process Weight divided by the number of hours in one complete operation from the beginning of any given process to the completion thereof, excluding any time during which the equipment is idle. “Process Weight” is the total weight of all materials introduced into any specific process which may cause any discharge into the atmosphere. Solid fuels charged will be considered as part of the process weight, but liquid and gaseous fuels and combustion air will not.

“Quarterly,” unless otherwise indicated, means January through March, April through June, July through September, and October through December.

“Range Improvement Burning” means the use of open fires to remove vegetation for a wildlife, game or livestock habitat or for the initial establishment of an agricultural practice on previously uncultivated land.

“Reactive Organic Compound” means any volatile compound containing carbon, except:

- (1) Acetone, ethane, methane, and inorganic carbon compounds;

Acetone, ethane, methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate

- (2) Chlorinated compounds

1,1,1-trichloroethane (methyl chloroform)
methylene chloride (dichloromethane)

- (3) Chlorofluorocarbons

trichlorofluoromethane (CFC-11)
dichlorodifluoromethane (CFC-12)
chlorodifluoromethane (HCFC-22)
trifluoromethane (HFC-23)
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
chloropentafluoroethane (CFC-115)

- (4) Hydrofluorocarbons

pentafluoroethane (HFC-125)
1,1,2,2-tetrafluoroethane (HFC-134)
1,1,1,2-tetrafluoroethane (HFC-134a)
1,1,1-trifluoroethane (HFC-143a)
1,1-difluoroethane (HFC-152a)

- (5) Hydrochlorofluorocarbons

2,2-dichloro-1,1,1-trifluoroethane (HCFC-123)
2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
1,1-dichloro-1-fluoroethane (HCFC-141b)
1-chloro-1,1-difluoroethane (HCFC-142b)

- (6) Parachlorobenzotrifluoride (PCBTF)

- (7) Cyclic, branched or linear completely methylated siloxanes (VMS)

- (8) Perfluorocarbon compounds which fall into these classes cyclic, branched, or linear, completely fluorinated alkanes, cyclic, branched, or linear, completely fluorinated ethers with no unsaturation, cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations, and sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

“Reasonable Further Progress” means annual incremental reductions in emissions of the relevant air pollutant and its precursors required to ensure attainment of the applicable air quality standard by the applicable date.

“Reconstructed Source” means any source undergoing reconstruction where fixed capital costs of the new components exceeds fifty percent (50%) of the fixed capital cost of a comparable entirely new source. Fixed capital cost means the capital needed to provide all depreciable components.

“Regulation” means one of the major subdivisions of the Rules of the Air Pollution Control District of Santa Barbara County.

“Rule” means a rule of the Air Pollution Control District of Santa Barbara County.

“Section” means section of the Health and Safety Code of the State of California unless some other statute is specifically mentioned.

“Secondary Emissions” means emissions which would occur as a result of the construction or operation of a stationary source or modification, impact the same general area, but do not come from the source itself. Secondary emissions include emissions from any offsite support facility which would not be constructed or increase its emissions except as a result of the construction or operation of the source or modification. Secondary emissions do not include any emissions which come directly from a mobile source such as emissions from the tailpipe of a motor vehicle, from a train, or from a vessel.

“Small Source” means a stationary source that meets the following criteria as determined by the Control Officer:

1. The Permitted Emissions from the stationary source will be less than each of the values listed below:

Reactive Organic Compounds	5.0 ton/year,
Oxides of Nitrogen (as NO ₂)	5.0 ton/year,
Particulate Matter less than 10 microns	5.0 ton/year
Total Suspended Particulate Matter	5.0 ton/year
Sulfur Oxides (as SO ₂)	5.0 ton/year,
Carbon Monoxide	25.0 ton/year
and	

2. The proposed source does not trigger any toxics review requirements, Negative Declaration or Environmental Impact Report where the District is the lead agency pursuant to CEQA, federal NSPS or NESHAPS, federal operating permit program requirements (with the exception of General Permits) and is not located within 1000 feet of the outer boundary of a school site, and
3. The permit application must deal exclusively with equipment that is listed by the Control Officer as certified and must not require a source test to demonstrate compliance, and
4. The applicant must be willing to accept standard permit conditions as established by the Control Officer.

“Standard Conditions” for gases means a temperature of 60 degrees Fahrenheit (15.6 degrees Celsius) and a pressure of 14.7 pounds per square inch absolute (760 mm of Mercury). Results of all analyses and tests shall be calculated and reported at this temperature and pressure.

“Stationary Source” means any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. “Fugitive emissions” means those emissions of pollutants which could not reasonably pass through a stack, chimney, vent or other functionally equivalent opening.

“Installation” includes any operation, article, machine, equipment, contrivance, or grouping of equipment belonging to the same two-digit standard industrial classification code, which emits or may emit any affected pollutant, and located on one or more contiguous properties and under common control.

“Building, structure, or facility” includes all pollutant-emitting activities including those located in California coastal waters adjacent to the District boundaries and those areas of Outer Continental Shelf waters for which the District is the corresponding onshore area which:

- a) belong to the same industrial grouping
- b) are located on one or more contiguous or adjacent properties (except for activities located in California coastal waters or are on the Outer Continental Shelf), and
- c) are under the same or common ownership, operation, or control or which are owned or operated by entities which are under common control.

Pollutant emitting activities shall be considered as part of the same industrial grouping if they are part of a common production process. (Common production process includes industrial processes, manufacturing processes, and any connected processes involving a common raw material.)

“Common operations” includes operations which are related through dependent processes, storage or transportation of the same or similar products or raw material. Emissions from all marine vessels, including cargo carriers, servicing or associated with

a stationary source shall be considered emissions from the stationary source while operating within:

- a) the District, including California Coastal Waters adjacent to the District (Figure 102);
- b) the Outer Continental Shelf for which the District is the corresponding onshore area; and
- c) 25 miles of an Outer Continental Shelf source for which the District is the corresponding onshore area.

The emissions from marine vessels, including cargo carriers, shall include reactive organic compound vapors that are displaced into the atmosphere; fugitive emissions; combustion emissions in the waters described above; and emissions from the loading and unloading of cargo. The term "Cargo Carrier" shall not include trains or vehicles.

As applied to an attainment pollutant, "stationary source" shall be interpreted to mean facility wide. The term "installation" shall have the same meaning as "building, structure, or facility."

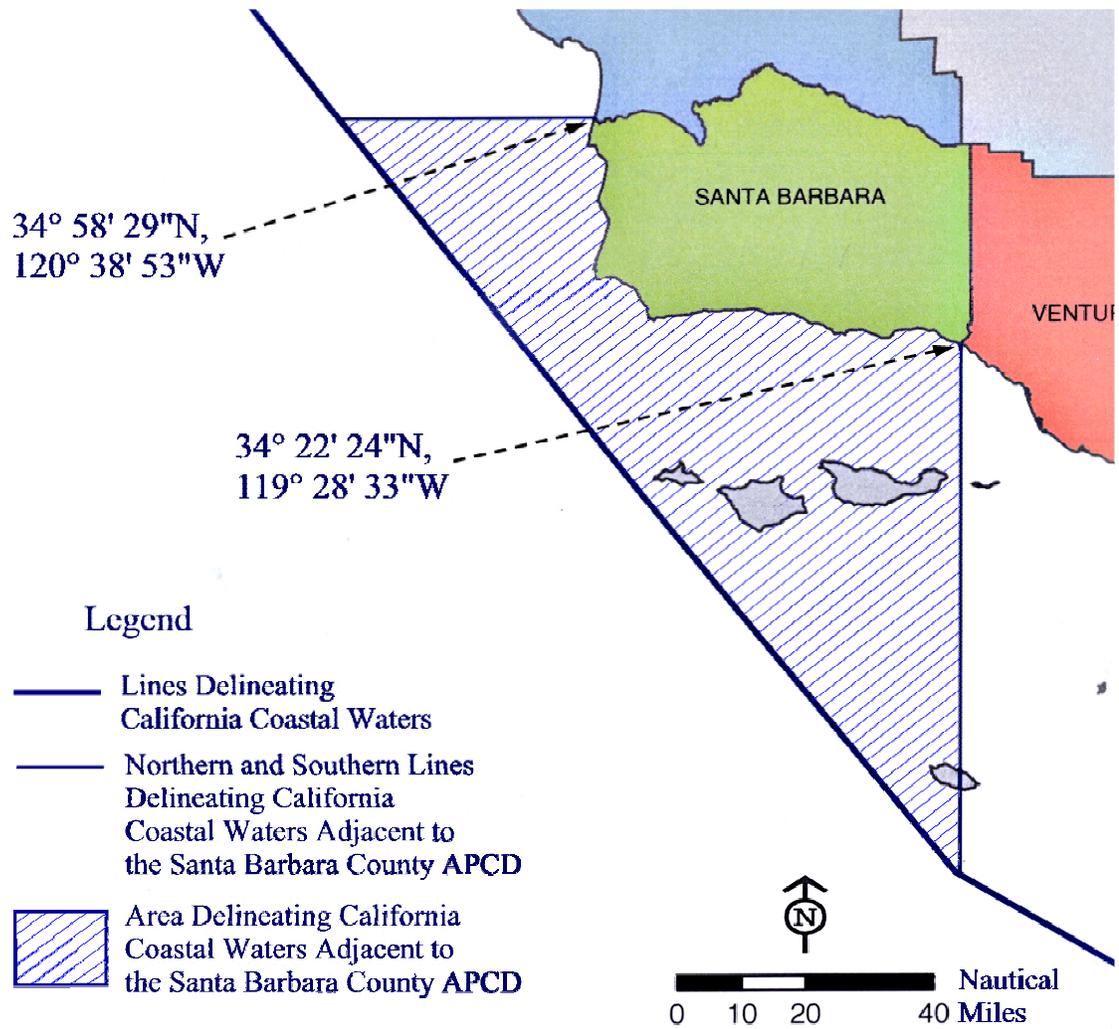


Figure 102. MAP DEPICTING THE CALIFORNIA COASTAL WATERS ADJACENT TO THE SANTA BARBARA COUNTY AIR POLLUTION CONTROL DISTRICT

“Total Suspended Particulates” means "particulate matter", as defined in this rule.

“Zones of Santa Barbara County”

1. The Northern Zone of Santa Barbara County is defined as that portion of Santa Barbara County described in Section 60103(b) of Title 17 of the California Administrative Code as written on December 21, 1968 (Register 68, No. 48), State waters located offshore of that portion of Santa Barbara County lying north of the latitude of the mouth of Jalama Creek and those areas of the Outer Continental Shelf waters for which the District has been designated the corresponding onshore area by the Environmental Protection Agency.
2. The Southern Zone of Santa Barbara County is defined as that portion of Santa Barbara County described in Section 60104(c) of Title 17 of the California Administrative Code as written on December 21, 1968 (Register 68, No. 48), State waters located offshore of that portion of Santa Barbara County lying south of the latitude of the mouth of Jalama Creek and those areas of the Outer Continental Shelf waters for which the District has been designated the corresponding onshore area by the Environmental Protection Agency.