

Eastern Kern Air Pollution Control District

Regulation II - Permits LIST AND CRITERIA

AND

Rule 208.2 CRITERIA FOR FINDING OF NO SIGNIFICANT ENVIRONMENTAL IMPACT (CALIFORNIA ENVIRONMENTAL QUALITY ACT)

FINAL STAFF REPORT

December 11, 2017

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I. INTRODUCTION

The Eastern Kern Air Pollution Control District (District) is proposing to adopt amendments to List and Criteria under Regulation II – Permits and Rule 208.2 – Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act). List and Criteria was last amended in May 4, 2000 and Rule 208.2 was adopted in April 25, 1983 and last amended in May 2, 1996. This proposed amendments are to revise the District’s risk management guidelines by adjusting permitting risk thresholds, as necessary, to prevent unreasonable restrictions on permitting of new and modified stationary sources and California Environmental Quality Act (CEQA) projects while preventing any relaxations of current health protections.

Proposed amendments are implemented after Air Resources Board (ARB) and California Air Pollution Control Officers Association (CAPCOA)’s *Risk Management Guidance for Stationary Sources of Air Toxics* in July 23, 2015. Similar amendments have been implemented in APR -1905 Risk Management Policy for Permitting New and Modified Sources from San Joaquin Valley Air Pollution Control District (SJVAPCD).

Appendix A is the clean version of proposed Regulation II - Permits, List and Criteria.

Appendix B shows all changes made to proposed Regulation II - Permits, List and Criteria in strikeout underline form.

Appendix C is the clean version of proposed Rule 208.2 – Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act).

Appendix D shows all changes made to proposed Rule 208.2 – Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act) in strikeout underline form.

II. PROPOSED RULES OVERVIEW

On March 6, 2015, the state Office of Environmental Health Hazard Assessment (OEHHA) proposed changes to *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments* (Risk Assessment Guidelines). Based on the OEHHA manual, ARB/CAPCOA issued *Risk Management Guidance for Stationary Sources of Air Toxics* in July 23, 2015. The document provides guidance on managing potential cancer and noncancer health risks from sources subject to District’s rules: permitting of stationary sources (List and Criteria) and California Environmental Quality Act (CEQA) projects.

Use of the new 2015 OEHHA Manual will result in higher estimated potential cancer risk than would have been calculated with the 2003 OEHHA risk assessment methodology for the same level of emissions and conditions. Therefore, maintaining the District’s current approval thresholds of one in a million cancer risk and 0.2 for noncancer risk in hazard index (HI) would likely lead to unreasonable restrictions to growth and installations of critical equipment, such as emergency generators (including those at hospital and 911 call centers), gasoline dispensing facility installations, etc.

Therefore, current approval thresholds must be increased to comply with the District's direction to avoid unreasonable restrictions on permitting and CEQA project. The following approval thresholds will be used for District's permitting (List and Criteria) and CEQA projects (Rule 208.2).

- For permitting purposes (List and Criteria), the District will approve projects that result in less than 20 in one million cancer risk or noncancer acute health index of less than or equal to 1 or noncancer chronic health index of less than or equal to 1.
- For CEQA purposes (Rule 208.2), projects that result in less than 20 in one million cancer risk or noncancer acute health index of less than or equal to 1 or noncancer chronic health index of less than or equal to 1 will be considered to have an insignificant air quality impact.

III. KEY CHANGES TO RISK ASSESSMENT GUIDELINES IN 2015 OEHHA MANUAL

The key changes from the proposed Risk Assessment Guidelines are summarized as follows:

A. Age Sensitivity Factors (ASF)

Studies have shown that young animals are more sensitive than adult animals to exposure to many carcinogens (OEHHA, 2009). Therefore, OEHHA developed age sensitivity factors (ASFs) to take into account the increased sensitivity to carcinogens during early-in-life exposures. The 2003 risk methodology did not provide for any adjustment to account for the increases in sensitivity at the early stages of life. The 2015 OEHHA Manual provides the revised cancer risk methodology that takes into account ASFs by age groups as follows: a 10-fold multiplier in sensitivity for the third trimester and infants less than age 2, a 3-fold increase in sensitivity for children ages 2 to 16 years old, and a sensitivity factor of 1 for ages 16 and older.

B. Daily Breathing Rates

In addition to the increased sensitivity noted above, the 2015 OEHHA developed daily breathing rates for six age groups. OEHHA recommends that health impacts be calculated by age groups specifically for the third trimester to birth, ages 0 to < 2, ages 2 to < 9, ages 2 to < 16, ages 16 to < 30, and ages 16 to 70. The estimated risk for each age group is summed to estimate the potential cancer risk for the exposure duration of interest (e.g., 30-year analysis for the maximum exposed individual resident (MEIR) would sum the contributions from the last trimester, 0 to < 2 years, 2 to < 16 years, and 16 to < 30 year age bins).

C. Fraction of Time at Home

In the 2015 OEHHA Manual, OEHHA and ARB evaluated information from activity pattern databases to estimate the fraction of time at home (FAH) during the day. This information can be used to adjust exposure duration and cancer risk from a specific facility's emissions based on the assumption that a person is not present at home continuously for 24 hours and therefore exposure to a facility's emissions is not occurring when a person is away from their home. The 2015 OEHHA Manual recommendation of FAH factors are age-specific and are 0.85 (85%) for ages less than 2 years, 0.72 (72%) for ages 2 to < 16 years, and 0.73 (73%) for ages 16 to 70 years.

D. Exposure Duration

OEHHA has recommended changing the exposure duration currently being used for estimating cancer risk at the maximum exposed individual receptor (MEIR) in all health risk assessments from 70 years of exposure to 30 years of exposure. Additionally, they recommend using the 9 and 70-year exposure duration to represent the potential impacts over the range of residency periods and the worker exposure duration is now 25 years instead of 40 years. Population-wide impacts would stay the same and use the 70-year exposure duration.

E. Spatial Averaging of Concentrations

The 2015 OEHHA's revised guidance provides an option to spatially average dispersion modeling results for determining a project's potential health risk. Spatial averaging is a technique used to estimate the overall impact at a given location (e.g., home, business, etc.) by averaging the modeled concentrations over a discrete area (e.g., an area 20 meters by 20 meters - about the size of an urban residential lot) instead of using a single point to determine potential cancer and chronic noncancer health impacts. This approach provides a more reasonable estimate of exposure because it recognizes that a person actually spends time at various locations on their property. Spatial averaging will generally, result in lower estimated concentrations and risk than non-spatial averaging techniques.

IV. APPLICABILITY

Provisions of List and Criteria and Rule 208.2 are intended as a risk management guidance to be used by the District and/or applicants in evaluating permit applications for sources with toxic air pollutant emissions. They apply to new and modified stationary sources requesting a permit and CEQA projects.

V. CHANGES IN LIST AND CRITERIA (REGULATION II – PERMITS)

The following requirements of List and Criteria have been revised:

- The requirement from Risk Assessment Procedures has been revised from:

~~A. Determination of Health Risk~~

~~1. Techniques and procedures used to determine health risk shall be those set forth in the most current California Air Pollution Control Officer's Association (CAPCOA) document entitled, "Air Toxics Hot Spots Program Risk Assessment Guidelines," or guidelines developed by Cal-EPA's Office of Environmental Health Hazard Assessment (OEHHA) to replace CAPCOA's;~~

To:

1. Determination of Health Risk

a. Techniques and procedures used to determine health risk shall be those set forth in the most current California Air Pollution Control Officer Association (CAPCOA) document entitled, "Risk Management Guidance for Stationary Sources of Air Toxics," or Cal-EPA's Office of Environmental Health Hazard Assessment (OEHHA) document entitled, "Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessment."

- The requirement from Risk Assessment Procedures has been revised from:

~~V. Risk Management Guidelines~~

~~After preparation of a health risk screening analysis (or formal assessment), expected health risk shall be managed using the California Air Resources Board's most current document entitled, "Risk Management Guidelines for New and Modified Sources of Toxic Air Pollutants." The following standards shall be used:~~

~~A. Carcinogenic health risk shall be considered insignificant if expected increase in cancer risk is less than one in one million; and~~

~~B. Non-cancerous health risk shall be considered insignificant if expected increase in chronic hazard index and acute hazard index totals less than 0.2.~~

To:

E. Risk Management Guidelines

After preparation of a health risk screening analysis or formal assessment, the following permit approval thresholds shall be used:

1. Cancer health risk shall be considered insignificant if expected increase in cancer risk is less than 20 in one million; or
2. Noncancer health risk shall be considered insignificant if expected increase in chronic hazard index is less than or equal to 1; or
3. Noncancer health risk shall be considered insignificant if expected increase in acute hazard index is less than or equal to 1.

VI. CHANGES IN RULE 208.2

The following requirement from Rule 208.2 has been revised from

- ~~Any increase in the quantity or type of toxic air contaminants emitted from the facility is shown by a risk assessment prepared in accordance with current Cal-EPA guidelines to have increased cancer risk at any receptor outside the facility perimeter less than one in one million (1×10^{-6}) and total hazard index at any receptor outside the facility perimeter less than 0.2; and~~

To:

The proposed project shall be considered to have insignificant air quality impact if

1. Expected increase in cancer risk at any receptor outside the facility is less than 20 in one million; or
 2. Expected increase in noncancer risk (chronic hazard index) at any receptor outside the facility is less than or equal to 1; or
 3. Expected increase in noncancer risk (acute hazard index) at any receptor outside the facility is less than or equal to 1.
- Appendix A from Rule 208.2 has been revised from

KERN COUNTY AIR POLLUTION CONTROL DISTRICT
ENVIRONMENTAL INFORMATION FORM AND INITIAL STUDY EVALUATION

APPLICANT: _____

CONTACT: _____

TITLE: _____ PHONE: _____

PROJECT DESCRIPTION: _____

<u>ENVIRONMENTAL INFORMATION</u>	<u>YES</u>	<u>NO</u>	<u>MAYBE</u>
<i>Will the proposed project with regard to the proposed location:</i>	[-]	[-]	[-]
a. <i>Conflict with the adopted environmental plans and goals of the community?</i>	[-]	[-]	[-]
b. <i>Have a substantial, demonstrable negative aesthetic effect?</i>	[-]	[-]	[-]
c. <i>Substantially affect a rare or endangered species of animal or plant or the habitat of the species?</i>	[-]	[-]	[-]
d. <i>Interfere substantially with the movement of any resident or migratory fish or wildlife species?</i>	[-]	[-]	[-]
e. <i>Substantially diminish habitat for fish, wildlife or plants?</i>	[-]	[-]	[-]
f. <i>Breach published national, state, or local standards relating to solid waste or litter control?</i>	[-]	[-]	[-]
g. <i>Substantially degrade water quality or contaminate a public water supply?</i>	[-]	[-]	[-]
h. <i>Substantially degrade or deplete ground water resources or interfere substantially with ground water recharge?</i>	[-]	[-]	[-]
i. <i>Disrupt or adversely affect a prehistoric or historic archeological site or a property of historic or cultural significance to a community or ethnic or social group; or a paleontological site except as part of scientific study?</i>	[-]	[-]	[-]
j. <i>Induce substantial growth or concentration of population?</i>	[-]	[-]	[-]
k. <i>Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system?</i>	[-]	[-]	[-]

<i>l.</i>	<i>Displace a substantial number of people?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>m.</i>	<i>Encourage activities which result in the use of large amounts of fuel, water or energy?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>n.</i>	<i>Use fuel, water or energy inefficiently?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>o.</i>	<i>Increase substantially the ambient noise level for adjoining areas?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>p.</i>	<i>Cause substantial flooding, erosion or siltation?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>q.</i>	<i>Expose people or structures to major geologic hazards?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>r.</i>	<i>Extend a sewer trunk line with capacity to serve new development?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>s.</i>	<i>Disrupt or divide the physical arrangement of an established community?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>t.</i>	<i>Create a potential public health hazard or involve the use, production, or disposal of materials which pose a hazard to people or animal or plant populations in the area affected?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>u.</i>	<i>Conflict with established recreational, educational, religious or scientific uses?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>v.</i>	<i>Convert prime agricultural land to non-agricultural use or impair the agricultural productivity of prime agricultural land?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>w.</i>	<i>Interfere with emergency response or evacuation plans?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>x.</i>	<i>Violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Please attach any pertinent explanatory information.

CERTIFICATION:

I hereby certify the statement furnished above and in attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Signature: _____ **Date:** _____

To:



EASTERN KERN AIR POLLUTION CONTROL DISTRICT

2700 "M" STREET SUITE 302, BAKERSFIELD, CA 93301-2370
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**ENVIRONMENTAL INFORMATION FORM AND
INITIAL STUDY EVALUATION**

Applicant: _____

Contact: _____

Title: _____ **Phone:** _____

Project Description: _____

<u>Environmental Information</u>	<u>Yes</u>	<u>No</u>	<u>Maybe</u>
Will the proposed project with regard to the proposed location:			
1. Conflict with the adopted environmental plans and goals of the community?	[]	[]	[]
2. Have a substantial, demonstrable negative aesthetic effect?	[]	[]	[]
3. Substantially affect a rare or endangered species of animal or plant or the habitat of the species?	[]	[]	[]
4. Interfere substantially with the movement of any resident or migratory fish or wildlife species?	[]	[]	[]
5. Substantially diminish habitat for fish, wildlife or plants?	[]	[]	[]
6. Breach published national, state, or local standards relating to solid waste or litter control?	[]	[]	[]
7. Substantially degrade water quality or contaminate a public water supply?	[]	[]	[]
8. Substantially degrade or deplete ground water resources or interfere substantially with ground water recharge?	[]	[]	[]
9. Disrupt or adversely affect a prehistoric or historic archeological site or a property of historic or cultural significance to a community or ethnic or social group; or a paleontological site except as part of scientific study?	[]	[]	[]
10. Induce substantial growth or concentration of population?	[]	[]	[]
11. Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system?	[]	[]	[]

Environmental Information

Yes **No** **Maybe**

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 12. Displace a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Encourage activities which result in the use of large amounts of fuel, water or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Use fuel, water or energy inefficiently? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Increase substantially the ambient noise level for adjoining areas? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Cause substantial flooding, erosion or siltation? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Expose people or structures to major geologic hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Extend a sewer trunk line with capacity to serve new development? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Disrupt or divide the physical arrangement of an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Create a potential public health hazard or involve the use, production, or disposal of materials which pose a hazard to people or animal or plant populations in the area affected? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Conflict with established recreational, educational, religious or scientific uses? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Convert prime agricultural land to non-agricultural use or impair the agricultural productivity of prime agricultural land? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Interfere with emergency response or evacuation plans? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Emits Greenhouse Gas (GHG) emissions greater than 25,000 tons? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: Please attach any pertinent explanatory information.

CERTIFICATION:

I hereby certify the statement furnished above and in attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Print Signing Authority Name If Different: _____

Signature: _____ **Date:** _____

VII. IMPACTS

A. Economic

The proposed rules reflect OEHHA's efforts to be more protective of children's health. These efforts generally result in a higher calculated risk than OEHHA's current methodology. Therefore, maintaining the District's current approval thresholds would likely lead to unreasonable restrictions to economic growth. Additionally, the increase in calculated risk, if implemented without careful consideration of the implications and consequences, also has the potential to significantly delay or even prevent the permitting of many common types of operations, such as emergency generators, gas stations, and automotive body shops, while simultaneously causing significant confusion about health risk impacts amongst concerned residents of the District. In addition to the potential impacts on economic growth in the District, many of those units, such as emergency engines, are necessary and critical components of operations essential for human health and safety, like hospitals, 911 call centers, jails, and communication systems.

B. Health Risks

The District implements a variety of federal, state, and District rules reducing and regulating the emissions of toxic air pollutants. Such regulations have generated significant reductions in air toxics from a wide variety of sources, from requiring the gradual phase-out of perchloroethylene (perc) used at drycleaners and mandating emissions controls at chrome platers, to ARB's Airborne Toxic Control Measures (ATCM) to reduce particulate emissions from diesel internal combustion engines. This latter set of regulations has also been partially responsible for the significant reduction in cancer risks from diesel combustion particulates in the ambient air.

VIII. SOCIOECONOMIC IMPACTS

CHSC Section 40728.5 exempts districts with a population of less than 500,000 persons from the requirement to assess the socioeconomic impacts of proposed rules. Eastern Kern County population is below 500,000 persons.

IX. RULE APPROVAL PROCESS

The District accepted written comments and concerns from persons interested in List and Criteria (Regulation II – Permits) and Rule 208.2 for a period of 30 days following the November 2, 2017 workshop. The District did not receive any comments and concerns from interested persons; therefore, District anticipates that List and Criteria (Regulation II – Permits) and Rule 208.2 will be considered for adoption by the Board at the January 2018 Board Hearing. Upon adoption, List and Criteria (Regulation II – Permits) and Rule 208.2 will be sent to ARB to be forwarded to EPA as revision to the SIP.

APPENDIX A

**AMENDED LIST AND CRITERIA
(REGULATION II – PERMITS)**

CLEAN VERSION

REGULATION II – PERMITS

LIST AND CRITERIA

Amended 5/6/99, 5/4/00, XX/XX/XX

Adopted pursuant to Article 3, Sections 65940 through 65944 of Chapter 45 of Division 1 of Title 7 of the California Government Code.

I. Purpose

The following List and Criteria identifies information required of an applicant requesting a permit (Authority to Construct or Permit to Operate) from Eastern Kern Air Pollution Control District (District). Submission of this information is required before an application can be deemed complete. Only information necessary to make findings required by Regulation II, or the California Health and Safety Code is required. The List also describes certain criteria used by the District to process applications.

II. Requests for Additional Information

- A. Within 30 days after receipt of an application, the Control Officer shall advise an applicant, in writing, whether the application is complete. If an application is deemed incomplete, the Control Officer shall describe to the applicant additional information needed. Upon submission of additional information, a new 30-day review period begins. Within 180 days of an application being deemed complete, the Control Officer shall either issue or deny (if it is not approvable) the permit. One 90-day extension may be granted with mutual consent of the applicant and Control Officer.
- B. Within 60 days after receiving an application for a Title V Permit to Operate (see Rule 201.1), the Control Officer shall advise the applicant, in writing, whether the application is complete. If an application is deemed incomplete, the Control Officer shall describe to the applicant additional information needed. Upon submission of additional information, a new 60-day review period begins.
- C. All Rule 201 applicants are subject to requirements of this List and Criteria even if all information listed is not necessary for an application to be deemed complete. During processing of an application, the Control Officer may request the applicant to clarify, amplify, or supplement information already submitted.

III. Content of List and Criteria

List and Criteria consists of:

- A. List A (General Application) – Information required from an applicant requesting an Authority to Construct for a new or modified source, or a Permit to Operate existing equipment. An application for Authority to Construct a modification to an existing source may require submission of information for the existing source. An application for a Title V Permit to Operate is also required to submit information prescribed by Subsection IV.C of Rule 201.1.
- B. List B (Application Subject to Rule 210.1) – Information required from an applicant requesting an Authority to Construct for a project subject to Rule 210.1 (New and Modified Stationary Source Review).
- C. List C (Application Subject to Rule 210.4) – Information required from an applicant requesting an Authority to Construct for a project subject to Rule 210.4 (Prevention of Significant Deterioration).
- D. List D (Application Involving a Toxic Air Contaminant) – Information required from an applicant requesting an Authority to Construct for a new or modified source of toxic emissions.
- E. List E (California Environmental Quality Act) – Information required from an applicant regarding environmental impact information relating to District processing of an application for Authority to Construct.

IV. New/Modified Source Review and Air Toxics

If an applicant determines his project is not subject to Rules 210.1 and/or 210.4, and/or will not emit toxic substances, the applicant need not complete Lists B, C and/or D. If, however, during the processing of an application, the Control Officer determines a project is subject to Rules 210.1 or 210.4 or will emit toxic substances, the Control Officer shall do one of the following:

- A. If the Control Officer determines additional information described in Lists B, C and/or D is required during the initial 30-day review, he shall ask the applicant to submit such information.
- B. If the Control Officer initially determines the application to be complete and subsequently finds Rules 210.1 and/or 210.4 applies or toxic substances will be emitted, and should sufficient review time remain, the Control Officer shall establish a time limit for the applicant to submit the required information. If the Control Officer determines inadequate time remains, or if the applicant fails to submit information within the established time limit, the Control Officer shall deny the permit.

V. Pre-Application Discussions

- A. The District urges an applicant to discuss projects with District staff prior to filing an application. For some projects, it may not be necessary to submit all information required by the Lists to have an application deemed complete. Consultation with staff will expedite application processing by identifying specific information required of an applicant.
- B. An applicant requesting a permit exemption provided for in Rule 202 shall supply the Control Officer with all information necessary to determine if an exemption can be granted.
- C. Information regarding the District's general permit requirements, fee schedules, and the appeal process is contained in Regulations II, III, and V, respectively.
- D. If applicable, prior to filing an application with the District, an applicant is urged to participate in the early stages of the California Environmental Quality Act (CEQA) process being undertaken by the lead agency for his project. This will insure the applicant: 1) will be apprised of applicable air quality and other environmental constraints, and 2) can make such project modifications as may be necessary to satisfy any constraints.

VI. List A (General Application)

Any application for Authority to Construct a new or modified air pollution source, or an application for Permit to Operate an existing source shall include the following information:

A. Business Information

- 1. Business license name,
- 2. Nature of business,
- 3. Name, address, and phone number of responsible party to contact regarding application,
- 4. Type of use entitlement (own, rent, lease, general partner, limited partner, etc.), and
- 5. Assignment of agent, if applicable. (Use District form.)

B. Type of Application

- 1. Authority to Construct:
 - a. New equipment,
 - b. Modification of equipment or conditions,
 - c. Transfer of location for existing equipment,
 - d. Reissue to new owner, or
 - e. Renewal

Submit one application and filing fee for each aggregation of equipment items, the operation of which is interdependent, i.e., when one item is operated all other items must operate.

2. Permit to Operate:

- a. Existing equipment,
- b. Modification of equipment description or conditions, or
- c. Transfer of ownership.

Submit one application and filing fee for each aggregation of equipment items, the operation of which is interdependent, i.e., when one item is operated all other items must operate.

3. Banking Certificate:

Submit one application for each air contaminant for which an emissions reduction credit is requested.

C. Description of Facility

1. Location:

- a. Street address of facility and/or location as described by quarter section, township, and range, and
- b. Plot plan of site showing and identifying locations of:
 - i. Public and private streets,
 - ii. Property lines,
 - iii. Existing and proposed buildings,
 - iv. School(s) within 1000 feet of source,
 - v. Storage areas for fuel, materials and products, and
 - vi. Basic, air pollution control, and air monitoring equipment.

2. General purpose of facility.

D. Description of Process

1. General description of each process line.

2. For facilities with more than one process line:

- a. Schematic drawing(s) showing process flow of materials, products, etc., and
- b. Process and instrumentation diagram(s) showing interaction between all process units, including material balance(s) and descriptions of material(s) identifying all potential emission points.

3. Basic process and air pollution control equipment descriptions, e.g., description of function, manufacturer, model, size, type, maximum capacity, bhp, etc.
4. Operating schedule, e.g., number of hours/day, days/week, weeks/year.
5. Maximum hourly, daily, and monthly production rate(s), and raw material usage rate(s), e.g., tons/year.
6. Total average annual production rate(s), and raw material usage rate(s).
7. For each piece of basic process equipment (existing, modified, and proposed):
 - a. Equipment identification number,
 - b. Emission point(s),
 - c. Material(s) entering and leaving equipment,
 - d. Energy consumption, e.g., Btu/hr, KW-hr, etc.,
 - e. Electric motor horsepower listing, and
 - f. Mode of operation, i.e., continuous or intermittent.
8. For each piece of air pollution control equipment (existing, modified, and proposed):
 - a. Schematic and description,
 - b. Design and/or sizing calculations,
 - c. Detail drawings,
 - d. Control equipment identification number,
 - e. Outlet air contaminant concentrations,
 - f. Control efficiency and supporting documentation, e.g., calculations, manufacturer's specifications, source tests, etc.,
 - g. Energy consumption, e.g., Btu/hr, KW-hr, etc., and
 - h. Electric motor horsepower listing.

E. Description of Expected Emissions

1. For each air contaminant:
 - a. Point(s) of emissions,
 - b. Flowrate(s) of exhaust gases (scfm),
 - c. Quantification of, using recognized emission factors, if available, criteria air pollutants. (Criteria pollutants are those for which there are National or California Ambient Air Quality Standards, i.e., particulates, oxides of nitrogen, oxides of sulfur, sulfates, hydrogen sulfide, carbon monoxide, and lead.)
 - d. Quantification of, using recognized emission factors, if available, CARB and U.S. - identified toxic air pollutants.

2. Quantification of, using recognized emission factors, if available, fugitive emissions, i.e., emissions not included in "1" above.
3. Copies of all calculations used in providing preceding information (cite references).

Calculate all values for maximum capacity unless willing to accept limiting permit conditions.

F. Fuel Burning Equipment and Fuel

1. For each burner:
 - a. Identification number, manufacturer, model, size, number, maximum rating, and type,
 - b. Mode of control, e.g., manual, automatic on/off, high/low, etc.,
 - c. Firing type, e.g., tangential, opposed, front, etc., and
 - d. Fuel type(s) and percentage excess combustion air.
2. For each fuel used:
 - a. Type, grade, and consumption rate,
 - b. Pretreatment (method and temperature), if any,
 - c. Heating value, i.e., Btu/cf, Btu/gal, Btu/lbm, etc.,
 - d. Sulfur content,
 - e. For oil preheater, type and temperature to which the oil will be preheated,
 - f. Maximum consumption rate of fuel in any one hour and any 24-hour period,
 - g. Amount of fuel used per year, i.e., gal/yr for liquid, million cubic ft/yr for gaseous, and tons/yr for solid, and
 - h. Indicate fuel(s) used as standby fuel.
3. For each combustion device, specify heat input rate.

G. Storage Facilities

1. Dimensions, capacity (gallons or 42 gallon barrels), and color of each storage tank or vessel,
2. Properties or characteristics of materials and products being stored, e.g., vapor pressure, true vapor pressure, gravity, etc.,
3. Air pollution control provisions and equipment utilized, including specification of breathing vent settings, floating roof designs, etc., and
4. Storage conditions, e.g., liquid temperature, wind speed, etc.

VII. List B (Application Subject to Rule 210.1)

If a project is subject to Rule 210.1 (New and Modified Stationary Source Review), an applicant shall provide the following information in addition to that required by Section VI:

A. Compliance Certification

If project constitutes a "Major Source," or "Major Modification," provide certification of compliance. (See Rule 210.1, Subsections II.R, II.S and III.C.4, and use District form)

B. Best Available Control Technology (BACT)

If Rule 210.1, Subsection III.A applies, provide documentation proposal incorporates Best Available Control Technology (BACT).

C. Emissions Offsets

If required by Rule 210.1, Subsection III.B.3., provide documentation proposal includes adequate offsets including:

1. Offsets are provided at appropriate "offset ratio(s)." (See Rule 210.1, Subsection III.B.5.), and
2. Offsets qualify per Rule 210.1, Subsection III.B.6.

D. Dispersion Modeling

If required by Rule 210.1, Subsection III.C.3., provide dispersion modeling prepared in accordance with CARB and/or U.S. EPA "Air Dispersion Modeling and Risk Assessment Tool."

VIII. List C (Application Subject to Rule 210.4)

If a project is subject to Rule 210.4 (Prevention of Significant Deterioration), an applicant shall provide the following information in addition to that required by Section VI and/or VII:

A. General Requirements

1. Project location description in terms of attainment status of the local air basin and location of and distance to Federal Class I area(s), and
2. Project technical description, including equipment design capacity(ies), operating schedule, emissions reduction system(s), construction schedule, etc.

B. PSD Applicability Discussion

1. Quantification of attainment pollutant emissions, or attainment pollutant emissions changes resulting from the proposed project, and
2. Discussion of applicability of Prevention of Significant Deterioration (PSD) regulations to the proposed project.

C. BACT Analysis

BACT analysis for proposed project for each pollutant subject to Rule 210.4.

D. Air Quality Impact Analysis

1. Modeling protocol. (This should be submitted for approval in advance of the actual application for Authority to Construct the project.)
2. Analysis of the air quality impact of the proposed project, using appropriate meteorological and topographical data, including:
 - a. Use of one year of project location ambient air quality monitoring data unless 40 CFR, Subpart 52.21 (i)(8) provides an exemption;
 - b. Analysis of the nature and extent of the general commercial, residential, industrial, and other growth which has occurred since August 7, 1977, in the area affected by the proposed project;
 - c. Analysis of the air quality impact projected for the area as a result of general commercial, residential, industrial and other growth associated with the proposed project;
 - d. Analysis of the impairment to visibility, soils and vegetation as a result of the proposed project and general commercial, residential, industrial and other growth associated with the project. (Vegetation having no significant commercial or recreational value may be omitted); and
 - e. Analysis of the expected air quality impacts in Federal Class I areas due to proposed project.
3. Demonstration any significant (as defined by PSD) emissions increase, in conjunction with all other applicable emissions increases and decreases (including secondary emissions), will not cause or contribute to a violation of any NAAQS, or exceed an applicable maximum allowable incremental degradation of air quality.

IX. List D (Application Involving a Toxic Air Contaminant)

A. General Provisions

The following provisions shall be applicable to any new source expected to emit one or more toxic air contaminants, or any modification to an existing source expected to increase the emission of one or more toxic air contaminants. Information regarding the emission of toxic air contaminants is necessary for the Control Officer to determine compliance with District Rules 419 and 423, other parts of Regulation IV., Section 41700 and Division 26, Part 6 of the California Health and Safety Code, CARB's toxic air contaminant control program, and Title III of the 1990 Federal Clean Air Act Amendments.

B. Toxic Pollutants

For purposes of these provisions and any application for Authority to Construct, "toxic" air contaminants shall be those "identified" by the California Air Resource Board (CARB) pursuant to Section 39650, et seq. of the California Health and Safety Code, and listed in Section 93000, California Administrative Code, and hazardous air pollutants identified pursuant to Section 7412 of Title 42 of the United States Code as of the date the application is accepted as complete.

C. Support Documentation

1. CARB's process of identifying toxic air contaminants includes reports analyzing associated health effects and exposure risks, and reports describing control measures and associated cost-effectiveness. If an applicant wishes to utilize such information on behalf of a proposed project or to supplement the risk assessment procedure outlined in the next section, he may so inform the Control Officer in his application and submit the appropriate report(s).
2. In addition to various CARB documents, the District may have prepared "Screening Analyses" showing health risk of toxic emissions from various source categories, e.g., a gasoline retail outlet, or spray painting operation. Such documents may be used by an applicant in lieu of, or to supplement the risk assessment procedure outlined in the next section, if appropriate. If such reports and/or pre-prepared analyses are available and applicable, a new analysis shall not be necessary.
3. Notwithstanding the preceding provisions, any proposed source or modification to an existing source of air contaminants may require a risk assessment specific to that source.

D. Risk Assessment Procedures

1. Determination of Health Risk

- a. Techniques and procedures used to determine health risk shall be those set forth in the most current California Air Pollution Control Officer Association (CAPCOA) document entitled, "Risk Management Guidance for Stationary Sources of Air Toxics," or Cal-EPA's Office of Environmental Health Hazard Assessment (OEHHA) document entitled, "Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessment."
- b. Calculate ambient air concentrations of each toxic air contaminant for all averaging periods, and
- c. Prepare risk analysis, including:
 - i. Description of exposed receptors,
 - ii. Discussion of proposed project location,
 - iii. Discussion of exposure pathways (inhalation, etc.),
 - iv. Calculation of number of exposed receptors,
 - v. Calculation of each exposure pathway's impact,
 - vi. Calculation of maximum individual excess lifetime cancer risk,
 - vii. Calculation of maximum population excess cancer risk, and
 - viii. Calculation of non-cancer health effects.

2. Summary of Screening Results and Discussion of Need for Formal Assessment

If a formal risk assessment is prepared after preparation of a screening analysis, Subsection IX.D.3 shall be reiterated using comprehensive modeling techniques and CAPCOA (or OEHHA) guidelines. (See Subsection IX.D.1.a)

3. Summary of Final Assessment of Health Impacts

Summarize expected health impact(s) of proposed project. Include a map of project vicinity showing receptors and risk isopleths.

E. Risk Management Guidelines

After preparation of a health risk screening analysis or formal assessment, the following permit approval thresholds shall be used:

1. Cancer health risk shall be considered insignificant if expected increase in cancer risk is less than 20 in one million; or
2. Noncancer health risk shall be considered insignificant if expected increase in chronic hazard index is less than or equal to 1; or
3. Noncancer health risk shall be considered insignificant if expected increase in acute hazard index is less than or equal to 1.

X. List E (California Environmental Quality Act)

Any application for Authority to Construct a new or modified air pollution source shall include the following:

- A. A completed District “Environmental Information Form and Initial Study Evaluation,” or
- B. An environmental document (Exemption, Negative Declaration, or Environmental Impact Report) submitted to another agency (the “lead” agency) intended to satisfy requirements of the California Environmental Quality Act (CEQA).

If District is identified as the “lead agency,” and any response to an Environmental Information and Initial Study Evaluation is “yes,” the applicant must fulfill requirements of District’s Board-approved “Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, As Amended.”

APPENDIX B

**AMENDED LIST AND CRITERIA
(REGULATION II - PERMITS)**

STRIKEOUT UNDERLINE VERSION

REGULATION II – PERMITS

LIST AND CRITERIA

Amended 5/6/99, 5/4/00, XX/XX/XX

Adopted pursuant to Article 3, Sections 65940 through 65944 of Chapter 45 of Division 1 of Title 7 of the California Government Code.

I. Purpose

The following List and Criteria identifies information required of an applicant requesting a permit (Authority to Construct or Permit to Operate) from ~~the~~ Eastern Kern Air Pollution Control District (District). Submission of this information is required before an application can be deemed complete. Only information necessary to make findings required by Regulation II, or the California Health and Safety Code is required. The List also describes certain criteria used by the District to process applications.

II. Requests for Additional Information

- A. Within 30 days after receipt of an application, the Control Officer shall advise an applicant, in writing, whether the application is complete. If an application is deemed incomplete, the Control Officer shall describe to the applicant additional information needed. Upon submission of additional information, a new 30-day review period begins. Within 180 days of an application being deemed complete, the Control Officer shall either issue or deny (if it is not approvable) the permit. One 90-day extension may be granted with mutual consent of the applicant and Control Officer.
- B. Within 60 days after receiving an application for a Title V Permit to Operate (see Rule 201.1), the Control Officer shall advise the applicant, in writing, whether the application is complete. If an application is deemed incomplete, the Control Officer shall describe to the applicant additional information needed. Upon submission of additional information, a new 60-day review period begins.
- C. All Rule 201 applicants are subject to requirements of this List and Criteria even if all information listed is not necessary for an application to be deemed complete. During processing of an application, the Control Officer may request the applicant to clarify, amplify, or supplement information already submitted.

III. Content of List and Criteria

KCAPCD's List and Criteria consists of:

- A. List A (General Application) – Information required from an applicant requesting an Authority to Construct for a new or modified source, or a Permit to Operate existing equipment. An application for Authority to Construct a modification to an existing source may require submission of information for the existing source. An application for a Title V Permit to Operate is also required to submit information prescribed by Subsection IV.C of Rule 201.1.
- B. List B (Application Subject to Rule 210.1) – Information required from an applicant requesting an Authority to Construct for a project subject to Rule 210.1 (New and Modified Stationary Source Review).
- C. List C (Application Subject to Rule 210.4) – Information required from an applicant requesting an Authority to Construct for a project subject to Rule 210.4 (Prevention of Significant Deterioration).
- D. List D (Application Involving a Toxic Air Contaminant) – Information required from an applicant requesting an Authority to Construct for a new or modified source of toxic emissions.
- E. List E (California Environmental Quality Act) – Information required from an applicant regarding environmental impact information relating to District processing of an application for Authority to Construct.

IV. New/Modified Source Review and Air Toxics

If an applicant determines his project is not subject to Rules 210.1 and/or 210.4, and/or will not emit toxic substances, the applicant need not complete Lists B, C and/or D. If, however, during the processing of an application, the Control Officer determines a project is subject to Rules 210.1 or 210.4 or will emit toxic substances, the Control Officer shall do one of the following:

- A. If the Control Officer determines additional information described in Lists B, C and/or D is required during the initial 30-day review, he shall ask the applicant to submit such information.
- B. If the Control Officer initially determines the application to be complete and subsequently finds Rules 210.1 and/or 210.4 applies or toxic substances will be emitted, and should sufficient review time remain, the Control Officer shall establish a time limit for the applicant to submit the required information. If the Control Officer determines inadequate time remains, or if the applicant fails to submit information within the established time limit, the Control Officer shall deny the permit.

V. Pre-Application Discussions

- A. The District urges an applicant to discuss projects with District staff prior to filing an application. For some projects, it may not be necessary to submit all information required by the Lists to have an application deemed complete. Consultation with staff will expedite application processing by identifying specific information required of an applicant.
- B. An applicant requesting a permit exemption provided for in Rule 202 shall supply the Control Officer with all information necessary to determine if an exemption can be granted.
- C. Information regarding the District's general permit requirements, fee schedules, and the appeal process is contained in Regulations II, III, and V, respectively.
- D. If applicable, prior to filing an application with the District, an applicant is urged to participate in the early stages of the California Environmental Quality Act (CEQA) process being undertaken by the lead agency for his project. This will insure the applicant: 1) will be apprised of applicable air quality and other environmental constraints, and 2) can make such project modifications as may be necessary to satisfy any constraints.

VI. ~~List A (General Application)~~

Any application for Authority to Construct a new or modified air pollution source, or an application for Permit to Operate an existing source shall include the following information:

I. ~~A. Business Information~~

- ~~A. 1.~~ Business license name,
- ~~B. 2.~~ Nature of business,
- ~~C. 3.~~ Name, address, and phone number of responsible party to contact regarding application,
- ~~D. 4.~~ Type of use entitlement (own, rent, lease, general partner, limited partner, etc.), and
- ~~E. 5.~~ Assignment of agent, if applicable. (Use ~~KCAPCD~~District form.)

II. ~~B. Type of Application~~

- ~~A. 1.~~ Authority to Construct:
 - ~~1. a.~~ New equipment,
 - ~~2. b.~~ Modification of equipment or conditions,
 - ~~3. c.~~ Transfer of location for existing equipment,
 - ~~4. d.~~ Reissue to new owner, or
 - ~~5. e.~~ Renewal

Submit one application and filing fee for each aggregation of equipment items, the operation of which is interdependent, i.e., when one item is operated all other items must operate.

~~B.~~ 2. Permit to Operate:

- ~~1.~~ a. Existing equipment,
- ~~2.~~ b. Modification of equipment description or conditions, or
- ~~3.~~ c. Transfer of ownership.

Submit one application and filing fee for each aggregation of equipment items, the operation of which is interdependent, i.e., when one item is operated all other items must operate.

~~C.~~ 3. Banking Certificate:

Submit one application for each air contaminant for which an emissions reduction credit is requested.

~~III.~~ C. Description of Facility

~~A.~~ 1. Location:

~~1.~~ a. Street address of facility and/or location as described by quarter section, township, and range, and

~~2.~~ b. Plot plan of site showing and identifying locations of:

- ~~a.~~ i. Public and private streets,
- ~~b.~~ ii. Property lines,
- ~~c.~~ iii. Existing and proposed buildings,
- ~~d.~~ iv. School(s) within 1000 feet of source,
- ~~e.~~ v. Storage areas for fuel, materials and products, and
- ~~f.~~ vi. Basic, air pollution control, and air monitoring equipment.

~~B.~~ 2. General purpose of facility.

~~IV.~~ D. Description of Process

~~A.~~ 1. General description of each process line.

~~B.~~ 2. For facilities with more than one process line:

- ~~1.~~ a. Schematic drawing(s) showing process flow of materials, products, etc., and
- b. Process and instrumentation diagram(s) showing interaction between all process units, including material balance(s) and descriptions of material(s) identifying all potential emission points

~~C.3.~~ Basic process and air pollution control equipment descriptions, e.g., description of function, manufacturer, model, size, type, maximum capacity, bhp, etc.

~~D.4.~~ Operating schedule, e.g., number of hours/day, days/week, weeks/year.

~~E.5.~~ Maximum hourly, daily, and monthly production rate(s), and raw material usage rate(s).

~~F.6.~~ Total average annual production rate(s), and raw material usage rate(s), e.g., tons/year.

~~G.7.~~ For each piece of basic process equipment (existing, modified, and proposed):

~~1.a.~~ Equipment identification number,

~~2.b.~~ Emission point(s),

~~3.c.~~ Material(s) entering and leaving equipment,

~~4.d.~~ Energy consumption, e.g., Btu/hr, KW-hr, etc.,

~~5.e.~~ Electric motor horsepower listing, and

~~6.f.~~ Mode of operation, i.e., continuous or intermittent.

~~H.8.~~ For each piece of air pollution control equipment (existing, modified, and proposed):

~~1.a.~~ Schematic and description,

~~2.b.~~ Design and/or sizing calculations,

~~3.c.~~ Detail drawings,

~~4.d.~~ Control equipment identification number,

~~5.e.~~ Outlet air contaminant concentrations,

~~6.f.~~ Control efficiency and supporting documentation, e.g., calculations, manufacturer's specifications, source tests, etc.,

~~7.g.~~ Energy consumption, e.g., Btu/hr, KW-hr, etc., and

~~8.h.~~ Electric motor horsepower listing.

~~V.E.~~ Description of Expected Emissions

~~A.1.~~ For each air contaminant:

~~1.a.~~ Point(s) of emissions,

~~2.b.~~ Flowrate(s) of exhaust gases (scfm),

~~3.c.~~ Quantification of, using recognized emission factors, if available, criteria air pollutants. (Criteria pollutants are those for which there are National or California Ambient Air Quality Standards, i.e., particulates, oxides of nitrogen, oxides of sulfur, sulfates, hydrogen sulfide, carbon monoxide, and lead.)

~~4.d.~~ Quantification of, using recognized emission factors, if available, CARB and U.S. - identified toxic air pollutants.

~~B.2.~~ Quantification of, using recognized emission factors, if available, fugitive emissions, i.e., emissions not included in "~~1A~~" above.

~~C.3.~~ Copies of all calculations used in providing preceding information (cite references).

Calculate all values for maximum capacity unless willing to accept limiting permit conditions.

~~VI.F.~~ Fuel Burning Equipment and Fuel

~~A. 1.~~ For each burner:

- ~~1.a.~~ Identification number, manufacturer, model, size, number, maximum rating, and type,
- ~~2.b.~~ Mode of control, e.g., manual, automatic on/off, high/low, etc.,
- ~~3.c.~~ Firing type, e.g., tangential, opposed, front, etc., and
- ~~4.d.~~ Fuel type(s) and percentage excess combustion air.

~~B. 2.~~ For each fuel used:

- ~~1.a.~~ Type, grade, and consumption rate,
- ~~2.b.~~ Pretreatment (method and temperature), if any,
- ~~3.c.~~ Heating value, i.e., Btu/cf, Btu/gal, Btu/lbm, etc.,
- ~~4.d.~~ Sulfur content,
- ~~5.e.~~ For oil preheater, type and temperature to which the oil will be preheated,
- ~~6.f.~~ Maximum consumption rate of fuel in any one hour and any 24-hour period,
- ~~7.g.~~ Amount of fuel used per year, i.e., gal/yr for liquid, million cu ft/yr for gaseous, and tons/yr for solid, and
- ~~8.h.~~ Indicate fuel(s) used as standby fuel.

~~C. 3.~~ For each combustion device, specify heat input rate.

~~VII.G.~~ Storage Facilities

~~A. 1.~~ Dimensions, capacity (gallons or 42 gallon barrels), and color of each storage tank or vessel,

~~B. 2.~~ Properties or characteristics of materials and products being stored, e.g., vapor pressure, true vapor pressure, gravity, etc.,

~~C. 3.~~ Air pollution control provisions and equipment utilized, including specification of breathing vent settings, floating roof designs, etc., and

~~D. 4.~~ Storage conditions, e.g., liquid temperature, wind speed, etc.

VII. List B (Application Subject to Rule 210.1)

If a project is subject to Rule 210.1 (New and Modified Stationary Source Review), an applicant shall provide the following information in addition to that required by Section VI List A:

I. A. Compliance Certification

If project constitutes a "Major Source," or "Major Modification," provide certification of compliance. (See Rule 210.1, Subsections II.R, II.S and III.C.4, and use KCAPCD istrict form)

II. B. Best Available Control Technology (BACT)

If Rule 210.1, Subsection III.A applies, provide documentation proposal incorporates Best Available Control Technology (BACT).

III. C. Emissions Offsets

If required by Rule 210.1, Subsection III.B.3., provide documentation proposal includes adequate offsets including:

~~A. 1.~~ Offsets are provided at appropriate "offset ratio(s)." (See Rule 210.1, Subsection III.B.5.), and

~~B. 2.~~ Offsets qualify per Rule 210.1, Subsection III.B.6.

IV. D. Dispersion Modeling

If required by Rule 210.1, Subsection III.C.3., provide dispersion modeling prepared in accordance with CARB and/or U.S. EPA "Guidelines for the Preparation of Air Dispersion Modeling and Risk Assessment Tool."

VIII. List C (Application Subject to Rule 210.4)

If a project is subject to Rule 210.4 (Prevention of Significant Deterioration), an applicant shall provide the following information in addition to that required by Section VI Lists A and/or VIII B:

I. A. General Requirements

~~A. 1.~~ Project location description in terms of attainment status of the local air basin and location of and distance to Federal Class I area(s), and

~~B. 2.~~ Project technical description, including equipment design capacity(ies), operating schedule, emissions reduction system(s), construction schedule, etc.

H. B. PSD Applicability Discussion

A. 1. Quantification of attainment pollutant emissions, or attainment pollutant emissions changes resulting from the proposed project, and

B. 2. Discussion of applicability of Prevention of Significant Deterioration (PSD) regulations to the proposed project.

III. C. BACT Analysis

BACT analysis for proposed project for each pollutant subject to Rule 210.4.

IV. D. Air Quality Impact Analysis

A. 1. Modeling protocol. (This should be submitted for approval in advance of the actual application for Authority to Construct the project.)

B. 2. Analysis of the air quality impact of the proposed project, using appropriate meteorological and topographical data, including:

1.a. Use of one year of project location ambient air quality monitoring data unless 40 CFR, Subpart 52.21 (i)(8) provides an exemption;

2.b. Analysis of the nature and extent of the general commercial, residential, industrial, and other growth which has occurred since August 7, 1977, in the area affected by the proposed project;

3.c. Analysis of the air quality impact projected for the area as a result of general commercial, residential, industrial and other growth associated with the proposed project;

4.d. Analysis of the impairment to visibility, soils and vegetation as a result of the proposed project and general commercial, residential, industrial and other growth associated with the project. (Vegetation having no significant commercial or recreational value may be omitted); and

5.e. Analysis of the expected air quality impacts in Federal Class I areas due to proposed project.

C. 3. Demonstration any significant (as defined by PSD) emissions increase, in conjunction with all other applicable emissions increases and decreases (including secondary emissions), will not cause or contribute to a violation of any NAAQS, or exceed an applicable maximum allowable incremental degradation of air quality.

IX. LIST D (APPLICATION INVOLVING a TOXIC AIR CONTAMINANT)

I. A. General Provisions

The following provisions shall be applicable to any new source expected to emit one or more toxic air contaminants, or any modification to an existing source expected to increase the emission of one or more toxic air contaminants. Information regarding the emission of toxic air contaminants is necessary for the Control Officer to determine compliance with District ~~KCAPCD~~ Rules 419 and 423, other parts of Regulation IV.,

Section 41700 and Division 26, Part 6 of the California Health and Safety Code, CARB's toxic air contaminant control program, and Title III of the 1990 Federal Clean Air Act Amendments.

H. B. Toxic Pollutants

For purposes of these provisions and any application for Authority to Construct, "toxic" air contaminants shall be those "identified" by the California Air Resource Board (CARB) pursuant to Section 39650, et seq. of the California Health and Safety Code, and listed in Section 93000, California Administrative Code, and hazardous air pollutants identified pursuant to Section 7412 of Title 42 of the United States Code as of the date the application is accepted as complete.

III. C. Support Documentation

- A. 1. CARB's process of identifying toxic air contaminants includes reports analyzing associated health effects and exposure risks, and reports describing control measures and associated cost-effectiveness. If an applicant wishes to utilize such information on behalf of a proposed project or to supplement the risk assessment procedure outlined in the next section, he may so inform the Control Officer in his application and submit the appropriate report(s).
- B. 2. In addition to various CARB documents, the District may have prepared "Screening Analyses" showing health risk of toxic emissions from various source categories, e.g., a gasoline retail outlet, or spray painting operation. Such documents may be used by an applicant in lieu of, or to supplement the risk assessment procedure outlined in the next section, if appropriate. If such reports and/or prepared analyses are available and applicable, a new analysis shall not be necessary.
- C. 3. Notwithstanding the preceding provisions, any proposed source or modification to an existing source of air contaminants may require a risk assessment specific to that source.

IV. D. Risk Assessment Procedures

C. 1. Determination of Health Risk

- E. a. Techniques and procedures used to determine health risk shall be those set forth in the most current California Air Pollution Control Officer's Association (CAPCOA) document entitled, "~~Air Toxics Hot Spots Program Risk Assessment Guidelines~~ Risk Management Guidance for Stationary Sources of Air Toxics," or ~~guidelines developed by Cal-EPA's Office of Environmental Health Hazard Assessment (OEHHA)~~ document entitled, "Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessment."~~to replace CAPCOA's,~~
- b. Calculate ambient air concentrations of each toxic air contaminant for all averaging periods, and

- F. c. Prepare risk analysis, including:
 - a. i. Description of exposed receptors,
 - b. ii. Discussion of proposed project location,
 - c. iii. Discussion of exposure pathways (inhalation, etc.),
 - d. iv. Calculation of number of exposed receptors,
 - e. v. Calculation of each exposure pathway's impact,
 - f. vi. Calculation of maximum individual excess lifetime cancer risk,
 - g. vii. Calculation of maximum population excess cancer risk, and
 - h. viii. Calculation of non-cancer health effects.

~~D.~~ 2. Summary of Screening Results and Discussion of Need for Formal Assessment

If a formal risk assessment is prepared after preparation of a screening analysis, Subsection ~~IX.D.3IV.C~~ shall be reiterated using comprehensive modeling techniques and CAPCOA (or OEHHA) guidelines. (See Subsection ~~IX.D.1.aIV.C.1~~)

~~E.~~ 3. Summary of Final Assessment of Health Impacts

Summarize expected health impact(s) of proposed project. Include a map of project vicinity showing receptors and risk isopleths.

4.E. Risk Management Guidelines

After preparation of a health risk screening analysis (or formal assessment), ~~expected health risk shall be managed using the California Air Resources Board's most current document entitled, "Risk Management Guidelines for New and Modified Sources of Toxic Air Pollutants."~~ The following permit approval thresholds standards shall be used:

- ~~XI.~~ 1. ~~Cancer~~ carcinogenic health risk shall be considered insignificant if expected increase in cancer risk is less than 20 ~~one~~ in one million; or ~~and~~
- 2. ~~Non-cancerous~~ health risk shall be considered insignificant if expected increase in chronic hazard index ~~and acute hazard index totals~~ is less than or equal to 1-0.2; or
- 3. Noncancer health risk shall be considered insignificant if expected increase in acute hazard index is less than or equal to 1.

X. LIST E (California Environmental Quality Act)

Any application for Authority to Construct a new or modified air pollution source shall include the following:

F. A. A completed ~~KCAPCD~~District “Environmental Information Form and Initial Study Evaluation,” or

G. B. An environmental document (Exemption, Negative Declaration, or Environmental Impact Report) submitted to another agency (the “lead” agency) intended to satisfy requirements of the California Environmental Quality Act (CEQA).

If ~~KCAPCD~~District is identified as the “lead agency,” and any response to an Environmental Information and Initial Study Evaluation is “yes,” the applicant must fulfill requirements of ~~KCAPCD~~District’s Board-approved “Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, As Amended.”

APPENDIX C

AMENDED RULE 208.2 CRITERIA FOR FINDING OF NO SIGNIFICANT ENVIRONMENTAL IMPACT (CALIFORNIA ENVIRONMENTAL QUALITY ACT)

CLEAN VERSION

RULE 208.2 Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act) - Adopted 4/25/83, Amended 6/1/87, 5/2/96, XX/XX/XX

I. Purpose of Rule

This Rule establishes criteria by which a project under review by Eastern Kern Air Pollution Control District (District) can be found to have no potential for causing a significant environmental impact, and, thus, be granted a general rule exemption pursuant to Section 15061(b)(3) of the State CEQA Guidelines.

II. Criteria For Authorities to Construct

Pursuant to Section 15061(b)(3) of the State CEQA Guidelines, an activity is not subject to CEQA if it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment.

For purposes of determining which proposed projects reviewed by the Air Pollution Control Officer have no potential to cause a significant effect on the environment, a new or modified emissions unit (as defined in Rule 210.1, Subsection II.L.) at a facility shall be found to have no potential for causing a significant effect on the environment if the new or modified emissions unit meets all of the following requirements:

- A. All answers to the District "Environmental Information Form and Initial Study Evaluation" from Appendix A are "No."
- B. The proposed new or modified emissions unit will comply with all applicable requirements and limits established in Regulation IV of the District Rules and Regulations, and all provisions of state and federal law and regulations which the District has authority to enforce.
- C. Expected emissions from the proposed new or modified emissions unit are calculated using:
 - 1. Standardized emission factors from published CARB or U.S. EPA sources;
 - 2. Source tests for the same or similar facilities conducted in accordance with CARB or U.S. EPA test methods;
 - 3. Recognized formulas from published engineering and scientific handbooks, material safety data sheets, or other similar published literature;
 - 4. Manufacturer's guarantees; and/or
 - 5. Other fixed standards.

- D. Best Available Control Technology (BACT) as required by Rule 210.1, Subsection III.A., is proposed and BACT is established based on:
1. The latest edition of the CARB/U.S. EPA BACT/LAER Clearinghouse;
 2. The District's own compilations of BACT for specific types of sources; or
 3. A more stringent BACT proposed by the project proponent.
- E. Any emission reduction offsets required by Rule 210.1, Subsection III.B., are provided solely from emissions units within the facility at which the new or modified emissions unit is proposed to be constructed and the emission reductions from those units can be determined from source tests, production data, or other existing District records.
- F. The proposed project shall be considered to have insignificant air quality impact if
1. Expected increase in cancer risk at any receptor outside the facility is less than 20 in one million; or
 2. Expected increase in noncancer risk (chronic hazard index) at any receptor outside the facility is less than or equal to 1; or
 3. Expected increase in noncancer risk (acute hazard index) at any receptor outside the facility is less than or equal to 1.
- G. The proposed project will not have a significant impact due to cumulative effects of successive projects of the same type at the same location.

III. Criteria for Permits to Operate

The issuance of the initial or renewal Permit to Operate for a new or modified emissions unit shall be found to have no potential for causing a significant effect on the environment if the source will meet all conditions imposed by any and all Authority to Construct permits associated with such emissions unit and all applicable laws, rules, and regulations enforced by the District.

IV. Exempt Projects

General project types found by the APCO to be exempt from CEQA, based on Section II of this Rule, shall be listed in Appendix A of the District's Board-adopted CEQA Guidelines.

APPENDIX A



EASTERN KERN AIR POLLUTION CONTROL DISTRICT

2700 "M" STREET SUITE 302, BAKERSFIELD, CA 93301-2370
PHONE: (661) 862-5250 • FAX: (661) 862-5251 • www.kernair.org

**ENVIRONMENTAL INFORMATION FORM AND
INITIAL STUDY EVALUATION**

Applicant: _____

Contact: _____

Title: _____ **Phone:** _____

Project Description: _____

Environmental Information

Yes No Maybe

Will the proposed project with regard to the proposed location:

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 1. Conflict with the adopted environmental plans and goals of the community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Have a substantial, demonstrable negative aesthetic effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Substantially affect a rare or endangered species of animal or plant or the habitat of the species? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Interfere substantially with the movement of any resident or migratory fish or wildlife species? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Substantially diminish habitat for fish, wildlife or plants? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Breach published national, state, or local standards relating to solid waste or litter control? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Substantially degrade water quality or contaminate a public water supply? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Substantially degrade or deplete ground water resources or interfere substantially with ground water recharge? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Disrupt or adversely affect a prehistoric or historic archeological site or a property of historic or cultural significance to a community or ethnic or social group; or a paleontological site except as part of scientific study? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Induce substantial growth or concentration of population? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

<u>Environmental Information</u>	<u>Yes</u>	<u>No</u>	<u>Maybe</u>
12. Displace a substantial number of people?	[]	[]	[]
13. Encourage activities which result in the use of large amounts of fuel, water or energy?	[]	[]	[]
14. Use fuel, water or energy inefficiently?	[]	[]	[]
15. Increase substantially the ambient noise level for adjoining areas?	[]	[]	[]
16. Cause substantial flooding, erosion or siltation?	[]	[]	[]
17. Expose people or structures to major geologic hazards?	[]	[]	[]
18. Extend a sewer trunk line with capacity to serve new development?	[]	[]	[]
19. Disrupt or divide the physical arrangement of an established community?	[]	[]	[]
20. Create a potential public health hazard or involve the use, production, or disposal of materials which pose a hazard to people or animal or plant populations in the area affected?	[]	[]	[]
21. Conflict with established recreational, educational, religious or scientific uses?	[]	[]	[]
22. Convert prime agricultural land to non-agricultural use or impair the agricultural productivity of prime agricultural land?	[]	[]	[]
23. Interfere with emergency response or evacuation plans?	[]	[]	[]
24. Violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations?	[]	[]	[]
25. Emits Greenhouse Gas (GHG) emissions greater than 25,000 tons?	[]	[]	[]

NOTE: Please attach any pertinent explanatory information.

CERTIFICATION:

I hereby certify the statement furnished above and in attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Print Signing Authority Name If Different: _____

Signature: _____

Date: _____

APPENDIX D

**AMENDED RULE 208.2
CRITERIA FOR FINDING OF NO SIGNIFICANT
ENVIRONMENTAL IMPACT (CALIFORNIA
ENVIRONMENTAL QUALITY ACT)**

STRIKEOUT UNDERLINE VERSION

**RULE 208.2 Criteria for Finding of No Significant Environmental Impact (California Environmental Quality Act) - Adopted 4/25/83, Amended 6/1/87, 5/2/96,
XX/XX/XX**

I. Purpose of Rule

This Rule establishes criteria by which a project under review by ~~KCAPCD~~Eastern Kern Air Pollution Control District (District) can be found to have no potential for causing a significant environmental impact, and, thus, be granted a general rule exemption pursuant to Section 15061(b)(3) of the State CEQA Guidelines.

II. Criteria For Authorities to Construct

Pursuant to Section 15061(b)(3) of the State CEQA Guidelines, an activity is not subject to CEQA if it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment.

For purposes of determining which proposed projects reviewed by the Air Pollution Control Officer have no potential to cause a significant effect on the environment, a new or modified emissions unit (as defined in Rule 210.1, Subsection II.L.) at a facility shall be found to have no potential for causing a significant effect on the environment if the new or modified emissions unit meets all of the following requirements:

- A. All answers to the ~~KCAPCD~~District "Environmental Information Form and Initial Study Evaluation" (~~see~~from Appendix A) are "No."
- B. The proposed new or modified emissions unit will comply with all applicable requirements and limits established in Regulation IV of the ~~Kern County Air Pollution Control~~District Rules and Regulations, and all provisions of state and federal law and regulations which the ~~Kern County Air Pollution Control~~District has authority to enforce.
- C. Expected emissions from the proposed new or modified emissions unit are calculated using:
 6. Standardized emission factors from published CARB or U.S. EPA sources;
 7. Source tests for the same or similar facilities conducted in accordance with CARB or U.S. EPA test methods;
 8. Recognized formulas from published engineering and scientific handbooks, material safety data sheets, or other similar published literature;
 9. Manufacturer's guarantees; and/or
 10. Other fixed standards.

D. Best Available Control Technology (BACT) as required by Rule 210.1, Subsection III.A., is proposed and BACT is established based on:

4. The latest edition of the CARB/U.S. EPA BACT/LAER Clearinghouse;
5. The District's own compilations of BACT for specific types of sources; or
6. A more stringent BACT proposed by the project proponent.

E. Any emission reduction offsets required by Rule 210.1, Subsection III.B., are provided solely from emissions units within the facility at which the new or modified emissions unit is proposed to be constructed and the emission reductions from those units can be determined from source tests, production data, or other existing District records.

F. ~~Any increase in the quantity or type of toxic air contaminants emitted from the facility is shown by a risk assessment prepared in accordance with current Cal EPA guidelines to have increased cancer risk at any receptor outside the facility perimeter less than one in one million (1×10^{-6}) and total hazard index at any receptor outside the facility perimeter less than 0.2; and~~

The proposed project shall be considered to have insignificant air quality impact if

1. Expected increase in cancer risk at any receptor outside the facility is less than 20 in one million; or
2. Expected increase in noncancer risk (chronic hazard index) at any receptor outside the facility is less than or equal to 1; or
3. Expected increase in noncancer risk (acute hazard index) at any receptor outside the facility is less than or equal to 1.

G. The proposed project will not have a significant impact due to cumulative effects of successive projects of the same type at the same location.

III. Criteria for Permits to Operate

The issuance of the initial or renewal Permit to Operate for a new or modified emissions unit shall be found to have no potential for causing a significant effect on the environment if the source will meet all conditions imposed by any and all Authority to Construct permits associated with such emissions unit and all applicable laws, rules, and regulations enforced by the District.

IV. Exempt Projects

General project types found by the APCO to be exempt from CEQA, based on Section II of this Rule, shall be listed in Appendix A of the District's Board-adopted CEQA Guidelines.

APPENDIX A

**KERN COUNTY AIR POLLUTION CONTROL DISTRICT
ENVIRONMENTAL INFORMATION FORM AND INITIAL STUDY EVALUATION**

APPLICANT: _____

CONTACT: _____

TITLE: _____
PHONE: _____

PROJECT DESCRIPTION: _____

<u>ENVIRONMENTAL INFORMATION</u>	<u>YES</u>	<u>NO</u>	<u>MAYBE</u>
Will the proposed project with regard to the proposed location:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Conflict with the adopted environmental plans and goals of the community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Have a substantial, demonstrable negative aesthetic effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Substantially affect a rare or endangered species of animal or plant or the habitat of the species?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Substantially diminish habitat for fish, wildlife or plants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Breach published national, state, or local standards relating to solid waste or litter control?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Substantially degrade water quality or contaminate a public water supply?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Substantially degrade or deplete ground water resources or interfere substantially with ground water recharge?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Disrupt or adversely affect a prehistoric or historic archeological site or a property of historic or cultural significance to a community or ethnic or social group; or a paleontological site except as part of scientific study?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Induce substantial growth or concentration of population?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Displace a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

m.	Encourage activities which result in the use of large amounts of fuel, water or energy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n.	Use fuel, water or energy inefficiently?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o.	Increase substantially the ambient noise level for adjoining areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p.	Cause substantial flooding, erosion or siltation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q.	Expose people or structures to major geologic hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r.	Extend a sewer trunk line with capacity to serve new development?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s.	Disrupt or divide the physical arrangement of an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t.	Create a potential public health hazard or involve the use, production, or disposal of materials which pose a hazard to people or animal or plant populations in the area affected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u.	Conflict with established recreational, educational, religious or scientific uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v.	Convert prime agricultural land to non-agricultural use or impair the agricultural productivity of prime agricultural land?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w.	Interfere with emergency response or evacuation plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
x.	Violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Please attach any pertinent explanatory information.

CERTIFICATION:

I hereby certify the statement furnished above and in attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Signature: _____ **Date:** _____

APPENDIX A



EASTERN KERN AIR POLLUTION CONTROL DISTRICT

2700 "M" STREET SUITE 302, BAKERSFIELD, CA 93301-2370
PHONE: (661) 862-5250 • FAX: (661) 862-5251 • www.kernair.org

**ENVIRONMENTAL INFORMATION FORM AND
INITIAL STUDY EVALUATION**

Applicant: _____

Contact: _____

Title: _____ **Phone:** _____

Project Description: _____

Environmental Information

Yes No Maybe

Will the proposed project with regard to the proposed location:

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 1. Conflict with the adopted environmental plans and goals of the community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Have a substantial, demonstrable negative aesthetic effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Substantially affect a rare or endangered species of animal or plant or the habitat of the species? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Interfere substantially with the movement of any resident or migratory fish or wildlife species? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Substantially diminish habitat for fish, wildlife or plants? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Breach published national, state, or local standards relating to solid waste or litter control? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Substantially degrade water quality or contaminate a public water supply? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Substantially degrade or deplete ground water resources or interfere substantially with ground water recharge? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Disrupt or adversely affect a prehistoric or historic archeological site or a property of historic or cultural significance to a community or ethnic or social group; or a paleontological site except as part of scientific study? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Induce substantial growth or concentration of population? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Displace a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Environmental Information

Yes **No** **Maybe**

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 13. Encourage activities which result in the use of large amounts of fuel, water or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Use fuel, water or energy inefficiently? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Increase substantially the ambient noise level for adjoining areas? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Cause substantial flooding, erosion or siltation? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Expose people or structures to major geologic hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Extend a sewer trunk line with capacity to serve new development? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Disrupt or divide the physical arrangement of an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Create a potential public health hazard or involve the use, production, or disposal of materials which pose a hazard to people or animal or plant populations in the area affected? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Conflict with established recreational, educational, religious or scientific uses? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Convert prime agricultural land to non-agricultural use or impair the agricultural productivity of prime agricultural land? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Interfere with emergency response or evacuation plans? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Emits Greenhouse Gas (GHG) emissions greater than 25,000 tons? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: Please attach any pertinent explanatory information.

CERTIFICATION:

I hereby certify the statement furnished above and in attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Print Signing Authority Name If Different: _____

Signature: _____ **Date:** _____