

OPTION B – VOLUNTARY ALTERNATIVE BASELINE FOR EXISTING CYCLICAL SOURCES

RULE 317. CLEAN AIR ACT NON-ATTAINMENT FEES

(a) Purpose

The purpose of this rule is to satisfy mandatory requirements as specified in Sections 182(d), 182(e), 182(f) and 185 of the 1990 amendments to the federal Clean Air Act (CAA).

(b) Applicability

This rule applies to major stationary sources of VOC or NO_x as defined in this rule. As required by Section 182(f) of the CAA, major stationary sources of NO_x are also subject to this rule in addition to major stationary sources of VOC. The fees required pursuant to this rule shall be in addition to any permit fees and any other fees required under other District Rules and Regulations. This rule shall become effective when the Administrator of the United States Environmental Protection Agency (U.S. EPA) or the Executive Officer, makes a finding that a Basin is not in attainment with the federal one-hour standard for ozone. This rule shall cease to be effective when the Administrator of the U.S. EPA designates a Basin to be in attainment of the federal one-hour standard for ozone.

(c) Definitions

~~(B)~~(1) ATTAINMENT YEAR is the calendar year that the Basin is mandated to reach attainment of the federal one-hour ozone standard pursuant to the CAA. Under the Severe 17 area designation, the attainment year is 2007. Under the Extreme area designation, the attainment year is 2010.

(2) BASELINE EMISSIONS for a major stationary source, are calculated for each air contaminant, VOC and NO_x (including major stationary source fugitive and unpermitted emissions) separately, using source information as reported to or amended by the District, through the District's Annual Emissions Report (AER) program. For existing major stationary sources prior to the attainment year, the baseline emissions shall be the amount of the actual emissions, including fugitives and unpermitted, during the attainment year (permitted emissions not to exceed permitted allowables).

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For sources that become subject to this rule during or after the attainment year:

- (i) For a non-RECLAIM major stationary source the baseline emissions shall be the amount of emissions allowed under the applicable implementation plan (annual emissions including fugitives and emissions from unpermitted equipment).
- (ii) For an existing RECLAIM source that subsequently qualifies as a major stationary source for the purposes of this rule the baseline emissions shall be the higher of the RTC holdings at the beginning of the year available for use during the same calendar year or actual emissions during the calendar year the source becomes a major stationary source that do not exceed the RTC holdings at the end of the reconciliation period.
- (iii) For a new RECLAIM source that qualifies as a major stationary source for the purposes of this rule the baseline emissions shall be the higher of RTC credits purchased at the beginning of the attainment year or the initial calendar year of operation, as applicable, or actual emissions during the calendar year, not to exceed RTC holdings at the end of the reconciliation period.

If a major stationary source is operational for a period of less than one calendar year in the attainment year or initial year of operation, as applicable, the emissions from the operational period shall be extrapolated over one full calendar year. Once established, the baseline is fixed and cannot be changed.

- (3) BASIN means, for the purposes of this rule, the Riverside county portion of the Salton Sea Air Basin (SSAB) or the South Coast Air Basin (SOCAB). The boundaries of each air basin shall be as defined by California Code of Regulations, Section 60104, Title 17, in which a major stationary source is located.
- (4) CYCLICAL major stationary source is a major stationary source where the annual VOC (or NOx) emissions in the attainment year deviates

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[varies] significantly from the adjusted annual VOC (or NO_x) emissions, adjusted for adopted local, state and federal rules or regulations that would have restricted the sources ability to both operate or emit a particular pollutant that existed during the five (5) consecutive years immediately preceding the attainment year for which the demonstration of cyclical operations/emissions is being made, such that, the outcome of the standard Students “t-Test” results in a rejection of the null hypothesis that the difference between the baseline year VOC (or NO_x) emissions and the average of the five (5) consecutive years immediately preceding the attainment year VOC (or NO_x) emissions values is equal to zero (0), within a 95% level of confidence. A major stationary source that has cyclical annual emissions of either VOC, or NO_x, or both is, for the purposes of this rule, defined as a cyclical major stationary source. In order to be classified as cyclical, a source must be approved by the Executive Officer pursuant to the protocol in subdivision (f).

~~(4)~~(5) FEE ASSESSMENT YEAR means the year for which CAA fees are being calculated and assessed under the provisions of this rule.

~~(5)~~(6) MAJOR STATIONARY SOURCE shall, for the purposes of this rule:

- (A) For a non-RECLAIM source have the same meaning as in Sections 181(b)(4)(B) and 182(d) of the CAA, if applicable, or a Major Polluting Facility as defined in Rule 1302(s) – Definition of Terms.
- (B) For a RECLAIM source have the same meaning as in paragraph (b)(2) of Rule 3001 - Applicability where the potential to emit for a RECLAIM facility is the higher of:
 - (i) the starting allocation plus nontradeable credits; or
 - (ii) RECLAIM Trading Credits (RTCs) held in the allocation account after trading.

RTC's held in the certificate account are not part of the allocation.

~~(6)~~(7) NITROGEN OXIDES (NO_x) means any compound that is an oxide of nitrogen.

~~(7)~~(8) RECLAIM is the Regional Clean Air Incentives Market established by Regulation XX – Regional Clean Air Incentives Market (RECLAIM) which for the purposes of this rule is comprised of:

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- (A) Existing RECLAIM sources with a District issued facility identification number prior to the attainment date; or
- (B) New RECLAIM sources with a District issued facility identification number issued during or after the attainment year; or
- (C) An existing source with a District issued facility identification number prior to the attainment date that subsequently becomes a RECLAIM source shall be treated as an existing RECLAIM source for the purposes of determining baseline emissions for the attainment year or the initial year of operation as applicable.

~~(8)(9)~~ VOLATILE ORGANIC COMPOUND (VOC) is as defined in Rule 102 – Definitions.

(d) Requirements

- (1) An Annual VOC ~~Clean Air Act~~CAA Non-Attainment Fee shall be assessed for a major stationary source of VOC and an Annual NO_x CAA Non-Attainment Fee shall be assessed for, a major stationary source of NO_x (a source may be a major stationary source for either NO_x or VOC or both and subject to the applicable fee) payable to the District for excess emissions of these air contaminants in accordance with Section 185 (b) of the CAA as follows:

Annual VOC CAA Non-Attainment Fee = \$5,000 x CPIF x [A – (0.8 x B)], and

Annual NO_x CAA Non-Attainment Fee = \$5,000 x CPIF x [D – (0.8 x E)]

Where:

- A = The total amount of VOC emissions actually emitted during the applicable fee assessment year, in tons per year. If A is less than or equal to 80% of B; then there shall be no annual VOC CAA non-attainment fee assessed for the subject year.
- B = The VOC baseline emissions as defined in this rule in tons per year.
- D = The total amount of NO_x emissions actually emitted during the applicable fee assessment year, in tons per year. If D is less than or equal to 80% of E; then there shall be no annual NO_x CAA non-attainment fee assessed for the subject year.

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E = The NO_x baseline emissions as defined in this rule in tons per year.

CPIF = The annual Consumer Price Index (CPI) adjustment factor which is equivalent to the cumulative increase in the CPI beginning with the 1989 change in the index up to and including the change in year prior to the year for which the fees are due. For any calendar year the CPI is the average of the CPI for all-urban consumers published by the Department of Labor, as of the close of the 12-month period ending on August 31 of each calendar year or the revision of the CPI which is most consistent with the CPI for calendar year 1989 in accordance with Sections 502(b)(3)(B)(v) and 185(b)(3) of the CAA.

- (2) Beginning with the second year after the attainment year and thereafter until the Administrator of the U.S. EPA designates the Basin to be in attainment of the federal one-hour standard for ozone, both the VOC and NO_x annual CAA fees shall be remitted in accordance with the annual emissions fee billing requirements as established in paragraphs (e)(2) and (e)(10) of Rule 301 – Permit Fees. A major stationary source that does not pay any or all of the required CAA fees, by the specified due date, shall be subject to the late payment surcharge and permit revocation provisions of subdivision (e) of Rule 301 and is also in violation of this rule and subject to the civil and criminal penalties as provided for in Health and Safety Code 42400 et seq.

(e) **Clean Air Act Non-Attainment Fee Programs**

Clean Air Act non-attainment fees shall be used to fund stationary and/or mobile source VOC and NO_x emission reduction programs based on criteria established by the South Coast Air Quality Management District Governing Board or its designee. Up to five percent of the program revenues can be used for administrative costs.

(f) Optional Baseline Calculation Procedure for Cyclical Sources

Notwithstanding paragraph (c)(2), a cyclical source as defined in paragraph (c)(4) may petition to the Executive Officer by filing a plan pursuant to paragraph (f)(1) to utilize the alternative baseline calculation procedure as described in paragraph

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(f)(2) and below that reflects the average actual emissions, including fugitives and unpermitted, of the five (5) consecutive years immediately preceding the attainment year that have been adjusted to reflect required reductions pursuant to federal, state, and local requirements.

(1) A source seeking to utilize the alternative baseline calculation procedure for cyclical sources pursuant to this subdivision must file a plan, on or before March 31, of the year following the initial attainment year, in accordance with the fee provisions of Rule 306, to be eligible for classification as cyclical. The plan filing shall contain at a minimum:

- (A) Emission data for the five (5) years preceding the attainment year;
- (B) Analysis of adopted local, state and federal rules or regulations that would have restricted the sources ability to both operate or emit a particular pollutant that existed during the time period for which the demonstration of cyclical operations/emissions is being made;
- (C) Adjusted annual emissions considering the impact of subparagraph (f)(1)(B) above; and
- (D) A calculation demonstrating that the source meets the cyclical definition

(2) Approved cyclical sources must determine their alternative baseline using adjusted emissions and computed separately for both VOC and NOx, as follows:

(A) Baseline for a cyclical major stationary source located in the SSAB:

5 Year
Averaged
VOC
Baseline
(SSAB)

$$= \frac{\frac{1}{2} \text{VOC}_{\text{FY0102}} + \text{VOC}_{\text{FY0203}} + \text{VOC}_{\text{FY0304}} + \text{VOC}_{\text{FY0405}} + \text{VOC}_{\text{FY0506}} + \frac{1}{2} \text{VOC}_{\text{FY0607}}}{5}$$

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$$\frac{\text{5 Year Averaged NOx Baseline (SSAB)}}{5} = \frac{\frac{1}{2} \text{NOx}_{\text{FY0102}} + \text{NOx}_{\text{FY0203}} + \text{NOx}_{\text{FY0304}} + \text{NOx}_{\text{FY0405}} + \text{NOx}_{\text{FY0506}} + \frac{1}{2} \text{NOx}_{\text{FY0607}}}{5}$$

where,

$\text{VOC}_{\text{FY0102}}$ = Fiscal Year 2001-2002 adjusted source VOC emissions

$\text{VOC}_{\text{FY0203}}$ = Fiscal Year 2002-2003 adjusted source VOC emissions

$\text{VOC}_{\text{FY0304}}$ = Fiscal Year 2003-2004 adjusted source VOC emissions

$\text{VOC}_{\text{FY0405}}$ = Fiscal Year 2004-2005 adjusted source VOC emissions

$\text{VOC}_{\text{FY0506}}$ = Fiscal Year 2005-2006 adjusted source VOC emissions

$\text{VOC}_{\text{FY0607}}$ = Fiscal Year 2006-2007 adjusted source VOC emissions

$\text{NOx}_{\text{FY0102}}$ = Fiscal Year 2001-2002 adjusted source NOx emissions

$\text{NOx}_{\text{FY0203}}$ = Fiscal Year 2002-2003 adjusted source NOx emissions

$\text{NOx}_{\text{FY0304}}$ = Fiscal Year 2003-2004 adjusted source NOx emissions

$\text{NOx}_{\text{FY0405}}$ = Fiscal Year 2004-2005 adjusted source NOx emissions

$\text{NOx}_{\text{FY0506}}$ = Fiscal Year 2005-2006 adjusted source NOx emissions

$\text{NOx}_{\text{FY0607}}$ = Fiscal Year 2006-2007 adjusted source NOx emissions

(B) Baseline for a cyclical major stationary source located in the SOCAB:

$$\frac{\text{5 Year Averaged VOC Baseline (SOCAB)}}{5} = \frac{\frac{1}{2} (\text{VOC}_{\text{FY0405}}) + \text{VOC}_{\text{FY0506}} + \text{VOC}_{\text{FY0607}} + \text{VOC}_{\text{6MTP}} + \text{VOC}_{\text{CY2008}} + \text{VOC}_{\text{CY2009}}}{5}$$

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$$\frac{\text{5 Year Averaged NOx Baseline (SOCAB)}}{5} = \frac{\frac{1}{2} (\text{NOX}_{\text{FY0405}}) + \text{NOX}_{\text{FY0506}} + \text{NOX}_{\text{FY0607}} + \text{NOX}_{\text{6MTP}} + \text{NOX}_{\text{CY2008}} + \text{NOX}_{\text{CY2009}}}{5}$$

where,

VOC_{FY0405} = Fiscal Year 2004-2005 source VOC emissions

VOC_{FY0506} = Fiscal Year 2005-2006 source VOC emissions

VOC_{FY0607} = Fiscal Year 2006-2007 source VOC emissions

VOC_{6MTP} = Source VOC emissions during the six-month transitional AER reporting period beginning July 1, 2007 through December 31, 2007

VOC_{CY2008} = Source VOC emissions during calendar year 2008

VOC_{CY2009} = Source VOC emissions during calendar year 2009

NOX_{FY0405} = Fiscal Year 2004-2005 source NOx emissions

NOX_{FY0506} = Fiscal Year 2005-2006 source NOx emissions

NOX_{FY0607} = Fiscal Year 2006-2007 source NOx emissions

NOX_{6MTP} = Source NOx emissions during the six-month transitional AER reporting period beginning July 1, 2007 through December 31, 2007

NOX_{CY2008} = Source NOx emissions during calendar year 2008

NOX_{CY2009} = Source NOx emissions during calendar year 2009

Nothing in this provision shall guarantee that review of a plan filing shall constitute acceptance by the District of the source' proposed alternative demonstration that source operations/emissions are cyclical, unless and until such time that a plan submitted by the source demonstrating that the source is cyclical is so approved by the Executive Officer. The Executive Officer shall approve or deny plan requests with 180 days of receipt.