

ATTACHMENT B

COMMENTS ON SECTION VII:

Page 1:

Comment 1: In the Section VII tables for S9, for BAAQMD Regulation 8-5-322.1, change the monitoring type from "Secondary seal inspection" to "Visual inspection" in accordance with the monitoring citation, BAAQMD Regulation 8-5-402.2, and add BAAQMD Regulation 8-5-320.3.2 with the same monitoring requirement.

Response: The correction has been made.

Comment 2: In the Section VII tables for S9, for BAAQMD Regulation 8-5-320.4.3, change the monitoring frequency to every 10 years, the monitoring citation to BAAQMD Regulation 8-5-402.1, and the monitoring type to secondary seal inspection.

Response: BAAQMD Regulation 8-5-402.1 is the citation for the secondary seal inspection and doesn't include the fittings. BAAQMD Regulation 8-5-402.3 is the proper monitoring citation. The frequency has been changed to the form in BAAQMD Regulation 8-5-402.3.

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Comment 3: In the Section VII tables for S12, S25, S26, S27, S28, and S67, correct the following typographical errors: (1) 40 CFR 61.343(a)(1)(B) should be replaced by 40 CFR 61.343(a)(1)(i)(B); 40 CFR 61.353(3) should be replaced by 40 CFR 61.343(c).

Response: These typographical errors were corrected as requested. Since this is an administrative amendment pursuant to BAAQMD Regulation 2-6-201, this change requires no public notice.

Comment 4: In the Section VII tables for S14, S15, and S31, correct citations of BAAQMD Condition 1240, parts I.59a, I.59b, I.62a, I.62b, I.72a, and I.72b to parts II.59a, II.59b, II.62a, II.62b, II.72a, and II.72b.

Response: These typographical errors were corrected as requested. Since this is an administrative amendment pursuant to BAAQMD Regulation 2-6-201, this change requires no public notice.

Comment 5: In Table VII-L in Section VII, make changes to citations of BAAQMD Regulation 8, Rule 10, because the rule was changed on 1/21/04.

Response: The facility is obligated to comply with the new rule even if the new rule is not cited in the permit pursuant to the facility's schedule of compliance in Section V of the permit. The citations will be added in the next revision.

Page 3:

Comment 6: In Section VII, change all references to BAAQMD Condition 20617, the condition for monitoring for BAAQMD Regulation 9, Rule 10, to Condition 21233.

Response: Changed as requested.

Comment 7: Change the phrase "every six months" in the "Monitoring Frequency" column in the Section VII table for S19 to "SA" (meaning semi-annual) for consistency.
Response: Changed as requested.

Comment 8: Add the phrase "part 7.a.2" to the "Monitoring Requirement Citation" column in the Section VII table for S19 in the line for BAAQMD Regulation 9-10-301 and semi-annual testing since that part requires the semi-annual testing.
Response: Added as requested.

Comment 9: Add the phrase "part 1" to the "Monitoring Requirement Citation" column in the Section VII table for S19 in the line for BAAQMD Regulation 9-10-301 and daily calculations since that part requires the daily calculations.
Response: The entire condition is about setting the emission factors for the calculation. Therefore, this additional restriction will not be added.

Comment 10: In the Section VII table for S19, Vacuum Heater, change the "citation of limit" column entry for the O₂ limit from part 12 to part 5 due to revisions in the permit condition; change the future effective date to 9/1/04, and change monitoring frequency from P/H to C.
Response: The citation of limit entry was changed and the monitoring frequency has been changed to "C" (continuous). The future effective date has been changed to 12/1/04, pursuant to an administrative amendment to the permit dated May 27, 2004.

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Comment 11: In the Section VII table for S19, Vacuum Heater, change the "Monitoring Requirement Citation" column entry for the CO limit from BAAQMD Condition 1240, part I.16a to BAAQMD Condition 21233, part 7.a.2.
Response: Corrected as requested.

Comment 12: In the Section VII table for S19, Vacuum Heater, delete the row containing BAAQMD Condition 1240, part III.3 that contains the fuel gas H₂S limit of 163 ppmv.
Response: The proper permit condition is BAAQMD Condition 1240, part I.11. The correction has been made. The requirement listed as part I.12 is actually part III.3. This correction has also been made, as well as a clarification that the limit applies only when a vessel is at the asphalt plant dock. Also, clarification has been made to part I.13 to indicate that the H₂S monitor is also used to assure compliance with part III.3.

Comment 13: In the Section VII table for S19, Vacuum Heater, change citation of BAAQMD Condition 1240, part I.12 to part III.3.
Response: This correction has also been made

Comment 14: Add the phrase "part 7.a.1" to the "Monitoring Requirement Citation" column in the Section VII table for S20 and S21 in the line for BAAQMD Regulation 9-10-301 and annual testing since that part requires the annual testing.
Response: Added as requested.

Comment 15: Add the phrase "part 1" to the "Monitoring Requirement Citation" column in the Section VII tables for S19 and S20 in the line for BAAQMD Regulation 9-10-301 and daily calculations since that part requires the daily calculations.

Response: The entire condition is about setting the emission factors for the calculation. Therefore, this additional restriction will not be added.

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Comment 16: Delete the oxygen monitoring requirement from the Section VII tables for S19 and S20 because BAAQMD Condition 21233 no longer contains a requirement for oxygen analyzers at combustion sources smaller than 25 MMBtu/hr.

Response: Corrected as requested.

Comment 17: Add the phrase "part 7.a.1" to the "Monitoring Requirement Citation" column in the Section VII tables for S20 and S21 in the line for BAAQMD Regulation 9-10-305 since that part requires annual testing.

Response: Added as requested.

Comment 18: Delete the line for Condition 21233, part 8 (now renumbered as part 9), in the Section VII tables for S20 and S21 because it no longer applies to combustion units under 25 MMBtu/hr.

Response: Deleted as requested.

Comment 19: In the Section VII tables for S24, S63, and A31, change citation of BAAQMD Regulation 8-18-401.2 to 8-18-401. Add "or A" in the "Monitoring Frequency" column because the frequency can drop to annual if the valve does not leak for 5 consecutive quarters. Refer to the footnote at the end of Table VII-AL, Components, regarding the Alternative Monitoring Schedule pursuant to BAAQMD Regulation 8-18-404.

Response: The monitoring citation has been corrected from BAAQMD Regulation 8-18-401.2 to 8-18-401. "or A" has been added in the "Monitoring Frequency" column because the frequency can drop to annual if the valve does not leak for 5 consecutive quarters. A note has been added that refers to the footnote at the end of Table VII-AL, Components, regarding the Alternative Monitoring Schedule pursuant to BAAQMD Regulation 8-18-404.

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Comment 20 and 21: In the Section VII tables for S24, S66, and A31, change the limit for BAAQMD Condition 1240, part II.86 to treat connectors in the same manner as valves, as allowed by BAAQMD Regulation 8-18-404.

Response: BAAQMD Regulation 8-18-404 only allows valves to be monitored annually, not connectors, so the change has not been made. The permittee may propose provisions for "non-repairable" equipment for Section VII in the next revision.

Comment 22: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, table for S24, change limit in stack from 1,100 degrees averaged over a

2.2 hour period consistent with proposed revisions for BAAQMD Condition 1240, part II.58b.

Response: The condition states that the parameter will be changed using minor revision procedures, so this change will be handled in a separate action.

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Comment 23a: In the Section VII table for S24, correct the citation for the temperature limit in 40 CFR 61, Subpart FF, from 61.356(f)(2)(i)(A) to 61.349(c)(2).

Response: 61.349(c)(2) is not the proper citation since it is just a requirement for a performance test. As suggested by the permittee in an email of 6/28/04, the citation will be changed to 61.357(d)(7)(iv)(C), which is a requirement to report to EPA when the temperature has dropped 50°F or more below the temperature determined during the performance test during any 3-hour period. This is the most direct citation of the temperature limit in the NESHAPS.

Comment 23b: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, table for S24, correct the monitoring citation from 40 CFR 61.354(c)(1) to 61.354(c)(4).

Response: This typographical error has been corrected as requested. Since this is an administrative amendment pursuant to BAAQMD Regulation 2-6-201, this change requires no public notice.

Comment 24: Delete S29, Naphtha Merox Treater, from Section VII, Applicable Limits and Compliance Monitoring Requirements because it has been dismantled.

Response: The source was deleted. Since this is an administrative amendment pursuant to BAAQMD Regulation 2-6-201, this change requires no public notice.

Comment 25: In Table VII-AL in Section VII, make changes to citations of BAAQMD and SIP Regulation 8, Rule 18, because the rule was changed on 1/21/04.

Response: The facility is obligated to comply with the new rule even if the new rule is not cited in the permit pursuant to the facility's schedule of compliance in Section V of the permit. The citations will be added in the next revision since they were not included in the permit that was published for public notice.

Comment 26: In the Section VII table for Components, change citation of BAAQMD Regulation 8-18-401.2 to 8-18-401 for the following limits: BAAQMD Condition 1240, parts II.32d, II.53, and II.86. Add "or A" in the "Monitoring Frequency" column for the same limits because the frequency can drop to annual if the components do not leak for 5 consecutive quarters.

Response: The monitoring citation has been corrected from BAAQMD Regulation 8-18-401.2 to 8-18-401. "or A" has been added in the "Monitoring Frequency" column because the frequency can drop to annual if the valve does not leak for 5 consecutive quarters.

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Comment 27: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, table for A31, change limit in stack from 1350 to 1400 degrees averaged over a 3.4 hour period consistent with proposed revisions for BAAQMD Condition 1240, part II.58b.

Response: The condition states that the parameter will be changed using minor revision procedures, so this change will be handled in a separate action.

Comment 28: In the Section VII table for A31, correct the citation for the temperature limit in 40 CFR 61, Subpart FF, from 61.356(f)(2)(i)(A) to 61.349(c)(2).

Response: 61.349(c)(2) is not the proper citation since it is just a requirement for a performance test. As suggested by the permittee in an email of 6/28/04, the citation will be changed to 61.357(d)(7)(iv)(A), which is a requirement to report to EPA when the temperature has dropped 50°F or more below the temperature determined during the performance test during any 3-hour period. This is the most direct citation of the temperature limit in the NESHAPS.

Comment 29: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for S12, S24-S28, S41, S66, S67, and A31, delete the link between the visual inspection in 40 CFR 61.349(f) and the fugitive limit in 40 CFR 61.349(a)(1)(i).

Response: The link has been deleted. Instead this monitoring has been tied to other limits, such as the requirement to repair gaps, etc. The monitoring for the fugitive limits is Method 21, at varying frequencies depending on the standard. For example, in the case of S12, Wastewater Tank, the visual inspection in 40 CFR 61.349(f) has been tied to the requirement for repairs in 40 CFR 61.349(g).

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Comment 30: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for S41 and S66, delete the link between the visual inspection in 40 CFR 61.347(b) and the fugitive limit in 40 CFR 61.347(a)(1)(i)(A).

Response: The link has been deleted. Instead this monitoring has been tied to other limits, such as the requirement to repair gaps, etc. The monitoring for the fugitive limits is Method 21, at varying frequencies depending on the standard. For example, in the case of S66, Wemco Hydrotreater, the visual inspection in 40 CFR 61.347(b) has been tied to the requirement in 40 CFR 61.347(b) for "no cracks or gaps between cover and O/W separator wall; access hatches and other openings closed and gasketed properly."

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Comment 31a: In the Section VII table for Components, delete the 40 CFR 61.347(b) visual monitoring requirements for 40 CFR 61.347(a)(1)(i)(A) because it is not the proper method for monitoring fugitive emissions at oil water separators.

Response: The District agrees that the proper method is Method 21 and has deleted the citation. Method 21 has already been cited. However, the monitoring in 40 CFR 61.347(b) still belongs in the Components table. Not all monitoring is tied to a standard, but in this case the standard is in the same section. The description of the

limit has been changed to ” No cracks or gaps between cover and O/W separator wall; access hatches and other openings closed and gasketed properly.”

Comment 31b: In the Section VII table for Components, delete the 40 CFR 61.349(f) visual monitoring requirements for 40 CFR 61.349(a)(1)(i)(A) because it is not the proper method for monitoring fugitive emissions at closed vent systems and control devices.

Response: The District agrees that the proper method is Method 21 and has deleted the citation. Method 21 has already been cited. However, the monitoring in 40 CFR 61.349(f) still belongs in the Components table. The standard has been changed to 40 CFR 61.349(g): “First effort to repair visible defects within 5 days after detection; repair complete within 15 days except as allowing by 40 CFR 61.350.”

Page 11:

Comment 32: In the Section VII tables for S69 and S70, revise BAAQMD Condition 20278, parts 1, 2, 5, and 6b in accordance with Application 7471. The throughput increase for S70 should be raised to 400,000 tons per year; the additive throughput for S69 should be raised to 20,000 tons per year; and the operating hours and the recordkeeping of operating hours in parts 5 and 6 should be deleted.

Response: The increased throughputs for S69 and S70 have been approved and documented in Application 7471. The deletion of the operating hour requirement and the recordkeeping has not been documented. However, because the emissions from these sources are so small (9 lb PM10/year and 107 lb POC/year, respectively), it is clear that a limit on hours of operation is not necessary for compliance with any requirement. Therefore, the operating hours limit will be deleted using minor revision procedures. To ensure that source S70 does not exceed the 10 lb/day trigger for BACT, a new daily limit has been imposed. The required corrections to the permit condition and the Section IV and VII tables for these sources has been proposed in a separate minor revision action. Since this was a minor revision to the permit, it required no public notice. The facility was able proceed with these changes as soon as the revision was proposed to EPA. The evaluation for the application is an appendix to the Statement of Basis. The deletion of the recordkeeping is a significant revision pursuant to BAAQMD Regulation 2-6-226 and was not proposed.

Comment 33: Renumber tables in Section VII to correspond to Section IV. Also, there are three tables in Section VII that are numbered “AI.”

Response: The tables were re-numbered in consecutive order when the permit was issued on December 1, 2003. Since there may not be same number of tables in each section, a one-to-one correspondence is too difficult to maintain. The permit has been checked and there is only one table that is numbered “AI.”

Page 12:

Comment 34: In the Section VII sitewide table, add BAAQMD Regulation 8-5-604, Determination of Applicability.

Response: The section has not been added. Applicability has been determined for all tanks at the facility. If the owner/operator wishes to change the service of a tank, the owner/operator would have to submit an application to the District.

Comment 35: Change description of S16 in the title of table VII-J from "Loading Racks-Kerosene or Distillate Oil" to "Truck Loading Rack-Heavy Vacuum Gas Oil."

Response: Since the source is described as "Kerosene and Heavy Vacuum Gas Oil Loading Rack" in the pre-existing conditions at Condition 1240, part II.90, the name will be changed for consistency.

Comment 36: In Section VII, add citation of exemption and other section from Regulation 8, Rule 6, Organic Liquid Bulk Terminals and Bulk Plants, to Section IV tables for S16, Truck Loading Racks Kerosene or Distillate Oil, and S17, Truck Loading Racks - Asphalt.

Response: The District does not generally cite exemptions in Title V permits unless the exemption allows some necessary maintenance or adds an additional limit. This change was not made.

Pages 13 and 14:

Comment 37: In the Section VII table for S18, Crude Unit, correct the monitoring frequency for the throughput from monthly to daily in accordance with BAAQMD Condition 1240, part I.4.

Response: The corrections have been made for both the annual and the daily limit.

Comment 38: In the Section VII table for S19, Vacuum Heater, correct the citation of the 10 ppm H₂S limit from BAAQMD Condition 1240, part I.12 to part III.3.

Response: Corrected as requested.

Comments 39-47: In the Section VII tables for S24 and A31, for each limit and permit condition, state which sources are subject to the limit.

Response: Since it is not possible to distinguish between the emissions of one source from another at S24 or A31, the abatement device is subject to all limits at all times unless no device that is subject to a standard is being controlled by the abatement devices. This is the reason that these abatement devices are subject to BAAQMD Regulation 1-107, which reads:

Combination of Emissions: Where air contaminants from two or more sources are combined prior to emission and there are no adequate and reliable means to establish the nature, extent and quantity of emission from each source, District Regulations shall be applied to the combined emission as if it originated in a single source. Such emissions shall be subject to the most stringent limitations and requirements of District Regulations applicable to any of the sources whose air contaminants are so combined.

Therefore, no change has been made to the citations. If the permittee wishes to perform additional recordkeeping to determine when the abatement devices are subject to a lesser standard, the permittee is invited to submit a permit application with such a monitoring scheme and the District will analyze the proposal.

Comment 48: In the Section VII tables for S20, Steam Boiler, and S21, Steam Boiler, change monitoring citation for O2 (oxygen) from BAAQMD Regulation 9-10-502 to Condition 1240, part I.10, change monitoring frequency to “continuous”, and change monitoring type to “oxygen analyzer.”

Response: All requested additions made. BAAQMD Regulation 9-10-502 was not deleted because it also applies. In addition, BAAQMD Condition 20617, part 3, was also added. The entry under in the “Limit” column was not changed from “no limit” to “none.”

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Comment 49: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for sources S26, Wastewater Oil Tank, and S27, Recovered Oil Tank, add the following citations: 40 CFR 61.349(a)(2)(i)(A) and 40 CFR 61.354(c)(1) and (c)(4).

Response: The citations were not added because the owner/operator is not authorized to use the combustion devices for control for these sources. The District suggests that the facility submit an application for this change.

Comment 50: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, table for source S27, Recovered Oil Tank, delete the following citation: 40 CFR 61.349(a)(1)(i).

Response: The District has made the determination that the requirement applies to the source. Therefore, the change was not made.

Comment 51: In Section VII table for S31, delete duplicate line for BAAQMD Condition 1240, part II.69.

Response: The correction has been made.

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Comment 52: In Section VII, add requirements from 40 CFR 63, Subpart CC, for sources S39, Lube Oil Tank, and S40, Latex Storage Tank.

Response: S39 is a lube oil tank. S40 is a latex storage tank. Both tanks have a capacity that is larger than 40 cubic meters and can be considered subject to the regulation, therefore the citations were added.

Comment 53: In Section VII table for S41, for the citation of BAAQMD Regulation 8-8-307.2, add "(control by A31 or S24)" to limit.

Response: Since the limit (98.5% control) is the same for both abatement devices, no change was made.

Comment 54: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for sources S41, Wemco Hydrocleaner, and S67, Recovered Oil Tank, add citation 40 CFR 61.654(c)(1) for the thermal oxidizer.

Response: 40 CFR 61.654(c)(1) applies to thermal oxidizers. 40 CFR 61.654(c)(4) applies to boilers or process heaters. A new line for control by S24, Boiler was added with the monitoring requirement.

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Comment 55: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for sources S41, Wemco Hydrocleaner, and S66, Oil Water Separator, add the following citations: BAAQMD 8-8-114, 8-8-501, and 8-8-601.

Response: BAAQMD 8-8-114 was not added because it does not contain a limit. The required monitoring in BAAQMD 8-8-501 is already in the permit. BAAQMD 8-8-601, the citation of the test method, is in Section VIII, Test Methods.

Comment 56: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, table for S59, II.33a, add "Y" to the "FE" column for BAAQMD Condition 1240.

Response: This correction has been made.

Comment 57: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for source S66, add citation 40 CFR 61.654(c)(1) for the thermal oxidizer.

Response: 40 CFR 61.654(c)(1) applies to thermal oxidizers. 40 CFR 61.654(c)(4) applies to boilers or process heaters. A new line for control by S24, Boiler was added with the monitoring requirement.

Comment 58: In Section VII table for S66, for the citation of BAAQMD Condition 1240, part II.85, add "(control by A31 or S24)" to limit.

Response: Since the limit (98.5% control) is the same for both abatement devices, no change was made.

Comment 59: In Section VII table for Components, add BAAQMD 8-28-602 as the monitoring citation for BAAQMD 8-28-304.2.

Response: BAAQMD Regulation 8-28-602 provides a method for determining compliance, but the rule does not contain a requirement for periodic testing. Therefore, it is not a periodic monitoring requirement and has not been added. The permittee has not stated that there are pressure relief devices that are currently subject to this requirement. When a pressure relief device becomes subject to the requirement, the permittee may submit a periodic monitoring proposal for inclusion in the permit.

Page 18:

Comment 60: In the Section VII tables for Components, change the type of limit for BAAQMD Condition 1240, part I.14 from "NMHC" to "VOC."

Response: Since the limit is a non-methane hydrocarbon limit, it cannot be changed casually. The permittee may apply formally to change the limit to a VOC limit.

Comment 61: In footnotes B and C to the Components table in Section VII, change the references to "refinery" to "asphalt plant."

Response: It is not clear that these requirements apply to the asphalt plant by itself or to the refinery as a whole including the asphalt plant. The District suggests that the permittee submit an analysis showing that these requirements, which apply to percentages of components, apply to the asphalt plant only.

Comments 62-66: In the Section VII, Applicable Limits and Compliance Monitoring Requirements, tables for A4 and A31, Thermal Oxidizers: Condition 1240, parts II.60, II.63, II.68, II.69, and II.70, clarify the abated sources for each permit condition.

Response: Since it is not possible to distinguish between the emissions of one source from another at A4 and A31, the abatement devices are subject to the 98.5% standard at all times unless no device with that standard is being controlled by the abatement devices. This is the reason that these abatement devices are subject to BAAQMD Regulation 1-107, which reads:

Combination of Emissions: Where air contaminants from two or more sources are combined prior to emission and there are no adequate and reliable means to establish the nature, extent and quantity of emission from each source, District Regulations shall be applied to the combined emission as if it originated in a single source. Such emissions shall be subject to the most stringent limitations and requirements of District Regulations applicable to any of the sources whose air contaminants are so combined.

Therefore, no change has been made to the citations. If the permittee wishes to perform additional recordkeeping to determine when the abatement devices are subject to a lesser standard, the permittee is invited to submit a permit application with such a monitoring scheme and the District will analyze the proposal.

Other changes:

In accordance with the revision to the Section VII for Components, visual inspection has not been tied to monitoring for compliance with limits for fugitive emissions limits such as a “less than 500 ppm” limit. Instead this monitoring has been tied to other limits, such as the requirement to repair gaps, etc. The monitoring for the fugitive limits is Method 21, at varying frequencies depending on the standard. For example, in the case of S12, Wastewater Tank, the visual inspection in 40 CFR 61.349(f) has been tied to the requirement for repairs in 40 CFR 61.349(g).