UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
11201 Renner Boulevard
Lenexa, Kansas 66219

JUL 25 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Article Number: 7013 3020 0001 1645 0933

Mr. Darin Rains – Vice President and General Refinery Manager
Coffeyville Resources Refining & Marketing, LLC
P.O. Box 1566
400 North Linden St.
Coffeyville, Kansas 67337

Request to Provide Information Pursuant to the Clean Air Act

The United States Environmental Protection Agency (EPA) requires Coffeyville Resources Refining & Marketing, LLC (CRRM or you) to submit certain information about your facility at 400 North Linden Street, Coffeyville, Kansas. Appendix C specifies the information that you must submit and a schedule for that submittal.

We are issuing this information request under section 114(a) of the Clean Air Act (CAA or the Act), 42 U.S.C. § 7414(a) which authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Waste Management Division, EPA Region 7.

CRRM owns and operates emission sources at its Coffeyville, Kansas facility. We are requesting this information to determine whether your emission sources are complying with the CAA.

Pursuant to the CAA, CRRM must send all requested information **within thirty (30) days of receipt of this request** (unless otherwise specified in Appendix C) to the following:

Bill Peterson
Air Permitting and Compliance Branch
U.S. EPA Region 7
11201 Renner Boulevard
Lenexa, Kansas 66219

Under 40 C.F.R. Part 2, Subpart B, you may assert a claim of business confidentiality for any portion of the submitted information. You must specify the page, paragraph, and sentence when identifying the information subject to your claim. Appendix A specifies the assertion and substantiation requirements for business confidentiality claims.

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You must submit all requested information under an authorized signature with the following certification:

> I certify under penalty of law that I have examined and am familiar with the enclosed information and Documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to section 113(c)(2) of the Act, and 18 U.S.C. §§ 1001 and 1341.

We may use any information submitted in response to this request in an administrative, civil, or criminal action.

This request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 et seq., because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation. To the extent that you respond with non-electronic media, to aid in our electronic record keeping efforts, please provide such Information and Documents without staples. Paper clips, binder clips, and 3-ring binders are acceptable.

Failure to comply fully with this request for information may subject CRRM to an enforcement action under section 113 of the Act, 42 U.S.C. § 7413.

You should direct any questions about this request for information to Sarah LaBoda at (913) 551-7424 or Bill Peterson at (913) 551-7881.

Sincerely,

John Smith
Deputy Division Director
Air and Waste Management Division

Enclosure

cc: Elizabeth Loeb, U.S. Department of Justice
Patrick Foley, U.S. EPA Headquarters, Air Enforcement Division
LeAnn Johnson-Koch, Perkins Coie

APPENDIX A

Confidential Business Information (CBI)

You may assert a business confidentiality claim covering all or part of the information you provide in response to this information request for any business information entitled to confidential treatment under Section 114(c) of the Clean Air Act (CAA or the Act), 42 U.S.C. § 7414, and 40 C.F.R. Part 2, subpart B. Under Section 114(c) of the Act, you are entitled to confidential treatment of information that would divulge methods or processes entitled to protection as trade secrets. Under 40 C.F.R. Part 2, subpart B, business confidentiality means "the concept of trade secrecy and other related legal concepts which give (or may give) a business the right to preserve the confidentiality of business information and to limit its use or disclosure by others in order that the business may obtain or retain business advantages it derives from its rights in the information." See 40 C.F.R. § 2.201(e).

Information covered by a claim of business confidentiality will be disclosed by EPA only to the extent, and by means of the procedures, set forth in Section 114(c) of the Act and 40 C.F.R. Part 2, subpart B. EPA will construe your failure to furnish a business confidentiality claim in accordance with the requirements of 40 C.F.R. § 2.203(b) with your response to this information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

To assert a business confidentiality claim, you must place on (or attach to) all information you desire to assert as business confidential either a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret," "proprietary," or "company confidential" at the time you submit your response to this information request. See, 40 C.F.R. § 2.203(b). Allegedly confidential portions of otherwise non-confidential Documents should be clearly identified, and may be submitted separately to facilitate identification and handling by EPA. You should indicate if you desire confidential treatment only until a certain date or until the occurrence of a certain event.

The criteria EPA will use in determining whether material you claim as business confidential is entitled to confidential treatment are set forth at 40 C.F.R. §§ 2.208 and 2.301. These regulations provide, among other things, that you must satisfactorily show that: (1) the information is within the scope of business confidentiality as defined at 40 C.F.R. § 2.201(e), (2) that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, (3) the information is not and has not been reasonably obtainable by legitimate means without your consent, and (4) the disclosure of the information is likely to cause substantial harm to your business's competitive edge. See 40 C.F.R. § 2.208 (a)-(d). Emission data, as defined at 40 C.F.R. § 2.301(a)(2), is expressly not entitled to confidential treatment under 40 C.F.R. Part 2, subpart B. See 42 U.S.C. § 7414(c); 40 C.F.R. § 2.301(e).

If you assert a claim of business confidentiality in connection with information and Documents forwarded in response to this request for information, in accordance with 40 C.F.R. § 2.204(e)(4), EPA requests that you answer the following questions with respect to any information or Document for which you assert a claim of business confidentiality:

1. What specific portions of the information are alleged to be entitled to confidential treatment? Specify by page, paragraph, and sentence when identifying the information subject to your claim.

2. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a specified event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, specify that event. Additionally, explain why the information should be protected for the time period you've specified.

3. What measures have you taken to protect the information claimed as confidential from undesired disclosure? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?

4. Is the information contained in any publicly available material such as the Internet, publicly available databases, promotional publications, annual reports, or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?

5. Has any governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.

6. For each category of information claimed as confidential, explain with specificity whether disclosure of the information is likely to result in substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Is there any other explanation you deem relevant to EPA's determination of your business confidentiality claim that is not covered in the preceding questions? If so, you may provide such additional explanation.

8. Do not submit information you consider to be business confidential by email, because this may compromise the security of the information.

You must furnish comments to the above questions concurrent with your response to this information request if you have claimed any information as business confidential. See 40 C.F.R. § 2.204(e)(2). Pursuant to 40 C.F.R. § 2.205(b)(2), you may request an extension of this deadline. EPA will construe your failure to furnish timely comments as a waiver of your confidentiality claim, consistent with 40 C.F.R. § 2.204(e)(1). Please submit your comments to the following:

Sarah LaBoda
Assistant Regional Counsel
U.S. EPA Region 7
11201 Renner Boulevard
Lenexa, Kansas 66219

Pursuant to 40 C.F.R. § 2.205(c), you are hereby advised that information you submit as part of your comments may be regarded by EPA as entitled to confidential treatment if, when it is received by EPA, it is marked in accordance with 40 C.F.R. § 2.203(b). As required by 40 C.F.R. § 2.204(e)(6), you may assert a business confidentiality claim covering all or part of your response to these questions, as provided in 40 C.F.R. § 2.203(b). Information covered by such a claim will be disclosed by EPA only to the extent, and by means of the procedures, set forth in Section 114(c) of the Act and 40 C.F.R. Part 2.

EPA will construe the failure to furnish a confidentiality claim with your comments as a waiver of that claim, and the information may be made available to the public without further notice to you.

APPENDIX B

I. INSTRUCTIONS

These requests shall be construed to require you to produce all responsive Information and Documents in your possession, custody and/or control. If Information or Documents not known or not available to you as of the date of submission of a response to this Request should later become known or available to you, you must supplement your response to EPA. Moreover, should you find, at any time after the submission of your response that any portion of the submitted information is false or misrepresents the truth, you must notify EPA of this fact as soon as possible and provide EPA with a corrected response. There are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Pursuant to the Clean Air Act, CRRM must provide the following information and documents within thirty (30) days of its receipt of this request unless otherwise specified below. EPA requests that the non-narrative information be provided in editable form, in spreadsheet format, preferably in Excel and that narrative Documents be provided in searchable pdf format or in Word. For each Document produced in response to this Information Request, indicate on the Document, or in some other reasonable manner, the number of the Question to which it responds. Please submit all information for each question in a logically titled and sequenced manner.

All testing shall be done according to test plans (protocols) approved in writing and in advance by EPA in accordance with the test methods and procedures pursuant to 40 C.F.R. Part 60, subpart Ja. Test plans shall follow the guidance provided in the EPA document entitled "Preparation and Review of Site-Specific Emission Test Plans," Emission Measurement Center Guideline Document (GD-042), March 1999. Test reports shall follow the guidance provided in the EPA document entitled "Preparation and Review of Emission Test Reports," Emission Measurement Center Guideline Document (GD-043), December 1998.

If the information requested was previously submitted to EPA in response to another Section 114 Request, CRRM may either resubmit the information or may for each specific request, identify the date and addressee of the prior submittal and identify the location of the specific information within the prior submittal.

Should you withhold any Information or Document responsive to a Request under a claim of privilege, identify the Information or Document withheld and the privilege(s) asserted and describe in full the basis for your assertion of the privilege(s).

II. DEFINITIONS

"Document" and "Documents" shall mean any object that records, stores, or presents information, and includes writings of any kind, formal or informal, whether or not wholly or partially in handwriting, including documentation solely in electronic form, including by way of illustration and not by way of limitation, any invoice, manifest, bill of lading, receipt, endorsement, check, bank draft, canceled check, deposit slip, withdrawal slip, order, correspondence, record book, minutes, memorandum of telephone and other conversations, including meetings, agreements and the like, diary, calendar, desk pad,

scrapbook, notebook, bulletin, circular, form, pamphlet, statement, journal, postcard, letter, telegram, telex, report, notice, message, analysis, comparison, graph, chart, interoffice or intra office communications, photo stat or other copy of any documents, microfilm or other film record, any photograph, sound recording on any type of device, any punch card, disc or disc pack; any tape or other type of memory generally associated with computers and data processing (if in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support); and (a) every copy of each document which is not an exact duplicate of a document which is produced, (b) every copy which has any writing, figure or notation, annotation or the like on it, (c) drafts, (d) attachments to or enclosures with any document, and (e) every document referred to in any other document.

"Facility" means Coffeyville Resources Refining & Marketing or CRRM.

"Company" includes any officer, director, agent, or employee of Coffeyville Resources Refining & Marketing, including any merged, consolidated, or acquired predecessor or parent, subsidiary, division, or affiliate thereof.

"Information" means any written, recorded, or graphic matter of any nature whatsoever, regardless of how recorded, and whether original or copy, including but not limited to, the following: memoranda, reports, expense reports, books, manuals, instructions, financial reports, working papers, records, notes, letters, notices, confirmations, telegrams, receipts, appraisals, pamphlets, magazines, newspapers, prospectuses, interoffice and intra-office communications, electronic mail ("email"), instant messages, calendars, contracts, cables, notations of any type of conversation, telephone call, meeting, or other communication, bulletins, printed matter, computer printouts, invoices, transcripts, diaries, analyses, returns, summaries, minutes, bills, accounts, estimates, projections, comparisons, messages, correspondence, press releases, circulars, financial statements, reviews, opinions, offers, studies and investigations, questionnaires and surveys, power point presentations, spreadsheets, and work sheets. The term "information" includes all drafts, preliminary versions, alterations, modifications, revisions, changes, and amendments to the foregoing, as well as any attachments or appendices thereto. The term "information" also means any graphic or oral records or representations of any kind (including, without limitation, photographs, charts, graphs, voice mails, microfiche, microfilm, videotapes, recordings, and motion pictures), electronic and mechanical records or representations of any kind (including, without limitation, tapes, cassettes, disks, computer server files, computer hard drive files, CDs, DVDs, back up tape, memory sticks, recordings, and removable computer media such as thumb drives, flash drives, memory cards, and external hard drives), and other written, printed, typed, or other graphic or recorded matter of any kind or nature, however produced or reproduced, and whether preserved in writing, film, tape, electronic format, disk, videotape or otherwise. Information bearing any notation not part of the original text is considered to be separate information. A draft or non-identical copy is separate information within the meaning of this term.

"Person" or "Persons" shall have the meaning set forth in Section 302(e) of the Act, 42 U.S.C. § 7602 (e), and includes an individual, corporation, partnership, association, State, municipality, political subdivision of a State, and any agency, department, or instrumentality of the United States and any officer, agent or employee thereof.

"Standard Conditions" shall mean a temperature of 293 K (68F) and a pressure of 101.3 kilopascals (29.92 in Hg).

"You" or "Yours", as used in each of the questions set forth in Section III of this Information Request, refers to, and shall mean, the company or corporation with which each addressee of this Section 114 letter is affiliated including its subsidiaries, division, affiliates, predecessors, successors, assigns, and its former and present officers, directors, agents, employees, representatives, attorneys, consultants, accountants, and all other persons acting on its behalf.

All terms used in this Request will have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. § 7401 et seq., and the implementing regulations.

Words in the masculine shall be construed in the feminine, and vice versa, and words in the singular shall be construed in the plural, and vice versa, where appropriate in the context of a particular question or questions.

APPENDIX C

Request to Provide Information

I. QUESTIONS

Pursuant to the Clean Air Act, CRRM must provide the following information and documents **within thirty (30) days of its receipt of this request,** unless otherwise specified herein.

1. For the Coker Flare, provide the following information in relation to 40 C.F.R. Part 60 Subpart J:
   a. the date that a monitor was installed for the Coker Flare pursuant to 40 C.F.R. Part 60 Subpart J;
   b. the date the monitor became operational;
   c. the pollutant the monitor was measuring (i.e. SO_2, H_2S);
   d. a brief description and diagram indicating the location of the monitor in relation to: fuel gas mix drum, flare header, points of addition of gas to the header, supplemental gas addition, knock-out drums, purge gas addition, and the flare stack and tip;
   e. a copy of the entire test report(s) for the Coker Flare conducted pursuant to 40 C.F.R. §§60.8 and 60.106; and
   f. from April 19, 2012 until the date of modification in item 2(a) below, provide a copy of each daily record of the CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used for the monitor. (see §60.13(d)(1)).

2. For the H_2S monitor currently installed at the inlet of the Coker Flare, provide the following information in relation to 40 C.F.R. Part 60 Subpart Ja:
   a. the date of modification that triggered NSPS Subpart Ja;
   b. the date the monitor was installed;
   c. the date the monitor became operational;
   d. the date the monitor first passed the required performance specification test; and
   e. from the date provided in 2(c) above until receipt of this request, provide a copy of each daily record of the H_2S CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used. (see §60.13(d)(1)).

3. For the TRS monitor at the inlet of the Coker Flare, provide the following information:
   a. the date the monitor was installed;
   b. the date the monitor became operational;
   c. the date the monitor first passed the required performance specification test; and
   d. from the date provided in 3(b) above until receipt of this request, provide a copy of each daily record of the TRS CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used. (see §60.13(d)(1)).

4. For the Cold Pond Flare, provide the following information in relation to 40 C.F.R. Part 60 Subpart J:

a. the date that a monitor was installed for the Cold Pond Flare pursuant to 40 C.F.R. 60 Subpart J;
b. the date the monitor became operational;
c. the date the monitor first passed the required performance specification test;
d. the pollutant the monitor was measuring (i.e. SO_2, H_2S);
e. a brief description and diagram indicating the location of the monitor in relation to: fuel gas mix drum, flare header, points of addition of gas to the header, supplemental gas addition, knock-out drums, purge gas addition, and the flare stack and tip;
f. a copy of the entire test report(s) for the Cold Pond Flare conducted pursuant to 40 C.F.R. §§60.8 and 60.106; and
g. from April 19, 2012 until the date of modification in item 5(a) below, provide a copy of each daily record of the CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used for the monitor. (see §60.13(d)(1)).

5. For the H_2S monitor at the inlet of the Cold Pond Flare, provide the following information in relation to 40 C.F.R. 60 Subpart Ja:
   a. the date of modification that triggered NSPS Ja;
   b. the date the monitor was installed;
   c. the date the monitor became operational;
   d. the date the monitor first passed the required performance specification test; and
   e. from the date provided in 5(c) above until receipt of this request, provide a copy of each daily record of the H_2S CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used. (see §60.13(d)(1)).

6. For the TRS monitor at the inlet of the Cold Pond Flare, provide the following information:
   a. the date the monitor was installed;
   b. the date the monitor became operational;
   c. the date the monitor first passed the required performance specification test; and
   d. from the date provided in 6(b) above until receipt of this request, provide a copy of each daily record of the TRS CEMS zero (low-level) and span (high-level) calibration checks (calibration drift), any adjustments made, any maintenance performed, and the concentration of each daily zero (low-level) and span (high-level) calibration gas used. (see §60.13(d)(1)).

7. For those periods commencing on November 11, 2015 until July 31, 2016, provide in electronic format (preferably in Excel), on an hourly basis, the percentage that valve HC 704 (valve which controls a portion of the flow to the Coker Flare) was open.

8. Provide an estimate of the volumetric flow (in units of SCFH), with an example calculation, through valve HC 704 when the valve is open at the following percentages;
   a. 20 percent open;
   b. 40 percent open;
   c. 60 percent open;
   d. 80 percent open.

9. For those periods commencing on November 11, 2015 until July 31, 2016, provide in electronic format (preferably in Excel), on an hourly basis, the percentage that valve PC 557 (valve which controls a portion of the flow to the Coker Flare) was open.

10. Provide an estimate of the volumetric flow (in units of SCFH), with an example calculation, through valve PC 557 when the valve is open at the following percentages;
    a. 20 percent open;
    b. 40 percent open;
    c. 60 percent open;
    d. 80 percent open.

11. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Coker Flare as the result of startup of the process unit (*i.e.*, do not generically identify these periods as "SSM," but provide this information specifically to the startup of the process unit). Describe how the start and end time of startup was determined. Describe all efforts taken to minimize emissions during each startup.

12. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Coker Flare as the result of shutdown of the process unit (*i.e.*, do not generically identify these periods as "SSM," but provide this information specifically to the shutdown of the process unit). Describe how the start and end time of shutdown was determined. Describe all efforts taken to minimize emissions during each shutdown.

13. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Coker Flare as the result of malfunction of the process unit (*i.e.*, do not generically identify these periods as "SSM," but provide this information specifically to the malfunction of the process unit). The meaning of "Malfunction" shall be as defined in 40 C.F.R. §60.2. Describe how the start and end time of malfunction was determined. Describe all actions undertaken to identify the cause of the malfunction and actions taken to prevent its recurrence. Describe all efforts taken to minimize emissions during each malfunction.

14. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Cold Pond Flare as the result of startup of the process unit (*i.e.*, do not generically identify these periods as "SSM," but provide this information specifically to the startup of the process unit). Describe how the start and end time of startup was determined. Describe all efforts taken to minimize emissions during each startup.

15. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Cold Pond Flare as the result of shutdown of the process unit (*i.e.*, do not generically identify these periods as "SSM,"

but provide this information specifically to the shutdown of the process unit). Describe how the start and end time of shutdown was determined. Describe all efforts taken to minimize emissions during each shutdown.

16. For those periods commencing on November 11, 2015 until July 31, 2016, identify by name each individual process unit, the start date, start time, end date, and end time, that the refinery process unit sent off gas to the refinery flare header and was combusted in the Cold Pond Flare as the result of malfunction of the process unit (*i.e.,* do not generically identify these periods as "SSM," but provide this information specifically to the malfunction of the process unit). The meaning of "Malfunction" shall be as defined in 40 C.F.R. §60.2. Describe how the start and end time of malfunction was determined. Describe all actions undertaken to identify the cause of the malfunction and actions taken to prevent its recurrence. Describe all efforts taken to minimize emissions during each malfunction.

17. Provide, in electronic format (preferably in Excel), the Coker Flare continuous monitoring data on both an hourly and 3-hour average basis of the H_2S concentration data in units of ppmv from March 1, 2016 until July 31, 2016.

18. Provide, in electronic format (preferably in Excel), the Coker Flare continuous monitoring data on an hourly basis of the total reduced sulfur concentration data in units of ppmv from March 1, 2016 until July 31, 2016.

19. Provide, in electronic format (preferably in Excel), the Coker Flare continuous monitoring flow data on an hourly basis, the flow rate of gas discharged to the flare in units of standard cubic feet per hour (scfh) from March 1, 2016 until July 31, 2016.

20. Provide, in electronic format (preferably in Excel), the Cold Pond Flare continuous monitoring data on both an hourly and 3-hour average basis of the H_2S concentration data in units of ppmv from March 1, 2016 until July 31, 2016.

21. Provide, in electronic format (preferably in Excel), the Cold Pond Flare continuous monitoring data on an hourly basis of the total reduced sulfur concentration data in units of ppmv from March 1, 2016 until July 31, 2016.

22. Provide, in electronic format (preferably in Excel), the Cold Pond Flare continuous monitoring flow data on an hourly basis, the flow rate of gas discharged to the flare in units of standard cubic feet per hour (scfh) from March 1, 2016 until July 31, 2016.

23. For the Sulfur Recovery Plant (consisting of SRU#1, SRU#2, and SRU#3), provide the following information:
    a. the maximum volumetric flow rate (in units of scfm) of the inlet to the Sulfur Recovery Plant;
    b. the maximum hydrogen sulfide (H_2S) concentration in the feedstock stream identified in item 23(a) above;
    c. a statement as to whether or not it is possible for the gas stream described in 23(a) above to be routed directly to the flare header (i.e. during a malfunction) and combusted in the Coker Flare.

24. For the flow meter currently installed to measure flow to the Coker Flare, provide the date the meter was installed.

25. For the flow meter currently installed to measure flow to the Cold Pond Flare, provide the date the meter was installed.

II. Order to Test

Coker Flare

1. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a performance test to determine compliance with the H_2S concentration requirement in §60.103a(h) for the Coker Flare. The protocol shall use the test methods and procedures for testing according to §60.104a(j). The protocol shall include, at a minimum, the following items:

    a. a description of the test methods and procedures to be used;
    b. a diagram of sampling port location(s), and the distance of the nearest upstream and downstream disturbances of process flow due to piping elbows, process equipment, etc.
    c. a brief description of sampling procedures, including equipment and diagrams;
    d. a brief description of analytical procedures, including calibration;
    e. a statement that CRRM will monitor, record and report (in the final test report) the combustion in the Coker Flare of any gas generated by a petroleum refinery process unit as a result of startup, shutdown, malfunction, or upset that occurs during the actual testing.

2. Within 60 days of the receipt of an EPA approved test protocol in item 1 above, CRRM shall conduct a performance test in accordance with the approved protocol to determine compliance with the H_2S concentration requirement in §60.103a(h) for the Coker Flare.

3. At least 21 days prior to the planned test date in item 2 above, submit a notification to EPA containing the intended date(s) of the performance test.

4. Within 45 days after completion of the test in item 2 above, submit a complete report to EPA of the testing results which shall include, at a minimum;

    a. Complete test results with example calculations;
    b. Raw field data (original, not computer generated);
    c. Laboratory reports, with signed chain-of-custody forms;
    d. Calibration procedures and results, including calibration gas concentrations and expiration dates;
    e. Test logs; and
    f. Test participants and titles.

5. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a Relative Accuracy Test Audit (RATA) for the H_2S monitor at the inlet to the Coker Flare. The protocol shall use the test methods and procedures according to §60.107a(a)(2)(ii). The protocol shall include, at a minimum, the items listed in 1.a-e above.

6. Within 60 day of the receipt of an EPA approved test protocol in item 5 above, CRRM shall conduct a RATA in accordance with the approved protocol.

7. At least 21 days prior to the planned test date in item 6 above, submit a notification to EPA containing the intended date(s) of the RATA.

8. Within 45 days after completion of the RATA in item 6 above, submit a complete report to EPA of the testing results which shall include, at a minimum, the items listed in 4.a-f above.

9. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a Relative Accuracy Test Audit (RATA) for the total reduced sulfur monitor at the inlet to the Coker Flare. The protocol shall use the test methods and procedures according to §60.107a(e)(1)(ii). The protocol shall include at a minimum, the items listed in 1.a-e above.

10. Within 60 day of the receipt of an EPA approved test protocol in item 9 above, CRRM shall conduct a RATA in accordance with the approved protocol.

11. At least 21 days prior to the planned test date in item 10 above, submit a notification to EPA containing the intended date(s) of the RATA.

12. Within 45 days after completion of the RATA in item 10 above, submit a complete report to EPA of the testing results which shall include, at a minimum, the items listed in 4.a-f above.

Cold Pond Flare

13. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a performance test to determine compliance with the H_2S concentration requirement in §60.103a(h) for the Cold Pond Flare. The protocol shall use the test methods and procedures for testing according to §60.104a(j). The protocol shall include at a minimum, the following items:

    a. a description of the test methods and procedures to be used;
    b. a diagram of sampling port location(s), and the distance of the nearest upstream and downstream disturbances of process flow due to piping elbows, process equipment, etc.
    c. a brief description of sampling procedures, including equipment and diagrams;
    d. a brief description of analytical procedures, including calibration; and
    e. a statement that CRRM will monitor, record and report (in the final test report) the combustion in the Cold Pond Flare of any gas generated by a petroleum refinery process unit as a result of startup, shutdown, malfunction, or upset that occurs during the actual testing.

14. Within 60 days of the receipt of an EPA approved test protocol in item 13 above, CRRM shall conduct a performance test in accordance with the approved protocol to determine compliance with the H_2S concentration requirement in §60.103a(h) for the Cold Pond Flare.

15. At least 21 days prior to the planned test date in item 14 above, submit a notification to EPA containing the intended date(s) of the performance test.

16. Within 45 days after completion of the test in item 14 above, submit a complete report to EPA of the testing results which shall include, at a minimum:

    a. Complete test results with example calculations;
    b. Raw field data (original, not computer generated);
    c. Laboratory reports, with signed chain-of-custody forms;
    d. Calibration procedures and results, including calibration gas concentrations and expiration dates;
    e. Test logs; and
    f. Test participants and titles.

17. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a Relative Accuracy Test Audit (RATA) for the H_2S monitor at the inlet to the Cold Pond Flare. The protocol shall use the test methods and procedures according to §60.107a(a)(2)(ii). The protocol shall include at a minimum, the items listed in 13.a-e above.

18. Within 60 day of the receipt of an EPA approved test protocol in item 17 above, CRRM shall conduct a RATA in accordance with the approved protocol.

19. At least 21 days prior to the planned test date in item 18 above, submit a notification to EPA containing the intended date(s) of the RATA.

20. Within 45 days after completion of the RATA in item 18 above, submit a complete report to EPA of the testing results which shall include, at a minimum, the items listed in 16.a-f above.

21. Within 30 days of the receipt of this request, submit to EPA for approval, a proposed testing protocol to conduct a Relative Accuracy Test Audit (RATA) for the total reduced sulfur monitor at the inlet to the Cold Pond Flare. The protocol shall use the test methods and procedures according to §60.107a(e)(1)(ii). The protocol shall include at a minimum, the items listed in 13a-e above.

22. Within 60 day of the receipt of an EPA approved test protocol in item 21 above, CRRM shall conduct a RATA in accordance with the approved protocol.

23. At least 21 days prior to the planned test date in item 22 above, submit a notification to EPA containing the intended date(s) of the RATA.

24. Within 45 days after completion of the RATA in item 22 above, submit a complete report to EPA of the testing results which shall include, at a minimum, the items listed in 16.a-f above.