UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

April 22, 2020

SENT VIA ELECTRONIC MAIL

Melisa Cohen, Environmental Manager
AB&I Foundry, a division of McWane, Inc.
7825 San Leandro Street
Oakland, California 94621
melisa.cohen@abifoundry.com

IN THE MATTER OF: AB&I Foundry

Request for Information Under § 114(a) of the Clean Air Act, 42 U.S.C. § 7414(a)

The United States Environmental Protection Agency ("EPA") is issuing this letter to determine the compliance status of AB&I Foundry, a division of McWane, Inc., ("AB&I"). EPA is requesting information to determine compliance of the Clean Air Act, 42 U.S.C. §§ 7401-7671q ("CAA"), including requirements of 40 C.F.R. Parts 63 and 70 and the federally-approved and federally-enforceable Bay Area Air District Regulations in the State Implementation Plan for the State of California.

Under Section 114(a), the Administrator of EPA may require any person who is subject to the CAA to provide information necessary to determine whether the person has acted in compliance with regulations promulgated under the CAA. The Administrator has delegated this authority to the undersigned Manager of Region 9's Air Enforcement Office, Enforcement and Compliance Assurance Division.

AB&I is hereby required to provide EPA with information regarding its facility ("Facility") located at 7825 San Leandro Street, Oakland, California. AB&I must submit information in response to the requests in Appendix C, within 30 calendar days from receipt of this information request. In responding to this request, AB&I shall use the instructions provided in Appendix A and provide the certification in Appendix B.

If AB&I seeks to withhold any document(s) based on a claim of attorney-client communications privilege or the attorney work product doctrine in its response to this information request, AB&I shall provide with its response a privilege log for each document containing the following information: (i) the date, author(s), every individual to whom the document was originally sent, every individual who subsequently acquired the document, the purpose for which the document

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was sent to or obtained by those individuals, and the employment titles of the authors and recipients; (ii) the subject matter of the document; (iii) the privilege claimed for the document and all facts supporting the claim of privilege; (iv) the primary purpose(s), including the business purposes, for which the document was made; (v) the question(s) in this information request to which the document is responsive; and (vi) all facts contained in the document that are responsive to a question in this information request.
The responsive information shall be accompanied by a cover letter sent via email to the following email address:

Scott Connolly
connolly.scott@epa.gov
Air Enforcement Office
Enforcement and Compliance Assurance Division
U.S. Environmental Protection Agency

Please be advised that under Section 113(a) of the Act, 42 U.S.C. § 7413(a), failure to provide the information and documents required by this letter may result in an order requiring compliance, an order assessing an administrative penalty, or a civil action for appropriate relief. Section 113(b) of the Act, 42 U.S.C. § 7413(b), provides for the assessment of a civil penalty, which has been adjusted for inflation to not more than $101,439 per day, for each violation of the Act. See 40 C.F.R. § 19.4 (for violations that occurred after November 2, 2015). In addition, Section 113(c) of the Act, 42 U.S.C. § 7413(c), provides criminal penalties for knowingly making any false material statement in, or omitting material information from, any report required under the Act.

You must submit all requested information under an authorized signature with the following certification (provided in Appendix B):

> I certify under penalty of law that I have examined and am familiar with the information in the enclosed 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 Clean Air Act, 42 U.S.C. § 7413(c)(2), and 18 U.S.C. §§ 1001 and 1341.

You may assert a confidential business information ("CBI") claim on behalf of AB&I covering part or all of the information provided to EPA in response to this letter. Any such CBI claim must conform to the requirements set forth in 40 C.F.R. Part 2, particularly 40 C.F.R. § 2.203, and contain supporting documentary evidence. See also 41 Fed. Reg. 36,902, 36,907 (Sep. 1, 1976). In addition, any such claim must be substantiated in accordance with 40 C.F.R. § 2.204(e)(4).

Specify by page, paragraph and sentence when identifying information from a document where you make a CBI claim. Where your claim does not include all information on a page, please attach a copy of each such page with brackets around the text you claim to be CBI. If a page,

document, or group or class of documents claimed by you to be CBI contains a significant amount of information which our Regional Counsel determines is not CBI, your CBI claim regarding that page, document, or group or class of documents may be denied.

You are advised that certain information may be made available to the public pursuant to Section 114(c) of the Act, 42 U.S.C. § 7414(c), and 40 C.F.R. § 2.301, notwithstanding a claim that such information is entitled to confidential treatment. Please note that emission data provided pursuant to Section 114 of the Act, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2, Subpart B. Emission data is defined at 40 C.F.R. § 2.301(a)(2). If no claim of confidentiality is received with your reply, the information may be made available to the public without notice to AB&I.

This information request is not subject to review by the Office of Management and Budget under the Paperwork Reduction Act because it is not the "collection of information" within the meaning of 44 U.S.C §§ 3502(3) and 3518(c)(1), since it is being issued during the conduct of an investigation involving the EPA against specific individuals or entities. See also 5 C.F.R. § 1320.4.

EPA acknowledges that the COVID-19 pandemic may be impacting your business. If that is the case, we will consider your specific circumstances in determining an appropriate timeline for responding to this request for information, while still ensuring that the Agency receives the information it needs to timely confirm your company's compliance with the Clean Air Act.

If AB&I anticipates that it will not be able to respond fully to this request within the time period specified, AB&I must submit a sworn declaration by a responsible corporate official within ten (10) calendar days after receipt of this letter specifying what information will be provided by the allotted deadline, describing the efforts that have been/are being undertaken to obtain the remaining other responsive information, and providing a detailed schedule of when such other responsive information will be provided. Upon receipt and based upon such declaration, EPA may extend the time in which to respond to this information request.

Any questions concerning this Information Request should be directed to Scott Connolly at (415) 947-4141 or connolly.scott@epa.gov or have your attorney contact Brian Riedel in the Office of Regional Counsel at (415) 972-3924.

Digitally signed by ROSHNI BRAHMBHATT
Date: 2020.04.22 15:25:17 -07'00'

Roshni Brahmbhatt, Manager
Air Enforcement Office
Enforcement and Compliance Assurance Division
EPA Region 9 – San Francisco

Enclosures

cc: Todd Sax, California Air Resources Board
Jeffrey Gove, Bay Area Air Quality Management District

Appendix A

Instructions

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.

2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel format, and not in image format. If Excel formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel.

3. Provide submissions electronically via email or other electronic file sharing software.

4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).

5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix D for designating information as CBI.

6. Certify that the attached files have been scanned for viruses and indicate what program was used.

7. If you have no information or documents responsive to a request, please so state in your response.

8. Where documents or information necessary for a response are neither in your possession nor available to you, indicate in your response why such documents or information is not available or in your possession and identify any source that either possesses or is likely to possess such information.

9. To the extent that a document is responsive to more than one request, please so state and provide only one copy of the document.

10. All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq*

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Appendix B

Statement of Certification

You are submitting the enclosed documents in response to the U.S. Environmental Protection Agency's ("EPA") Information Request, issued pursuant to Section 114(a) of the Clean Air Act, to determine compliance with the Clean Air Act and its affiliated regulations.

I certify that I am fully authorized by _____ [corporate affiliation] to provide the above information on its behalf to EPA.

I certify under penalty of law that I have examined and am familiar with the information in the enclosed 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 Clean Air Act, 42 U.S.C. § 7413(c)(2), and 18 U.S.C. §§ 1001 and 1341.

Date: _____

Name (Printed): _____

Signature: _____

Title: _____

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Appendix C

Information You Are Required to Submit to EPA

AB&I Foundry must submit the following information about the Facility pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a), within 30 days of receiving this request.

1. Provide a copy of all issued permits and permit applications submitted to the Bay Area Air Quality Management District (BAAQMD) since January 1, 2010. Also provide a copy of the original permit application for the current Title V Permit for the Facility.

2. Provide copies of any deviation reports, excess emissions reports, startup, shutdown, and malfunction reports, root cause analysis reports, and corrective action reports for the Facility submitted to BAAQMD or EPA since January 1, 2015.

3. Provide copies of all semi-annual compliance reports, semi-annual monitoring reports, compliance certifications, and equivalent documents for the Facility submitted to either BAAQMD or EPA since January 1, 2015.

4. Provide copies of all annual emissions reports submitted to BAAQMD for the Facility from January 1, 2015 to the present, and include:
    a. a narrative describing the method used for the annual emissions calculations for each pollutant, including the basis of any emissions factors used and;
    b. any documents outlining procedures for calculating annual emissions; and
    c. a table describing the assumed/estimated capture efficiencies for each control device(s) and the associated emission unit(s), including any associated documentation used in developing the capture efficiencies.

5. Provide, in Microsoft Excel or other compatible format, a spreadsheet showing monthly emissions for each operational emission unit in the melting area for: Particulate Matter (PM) (lb/hr, tons/year), lead (lb/hr, tons/year), nitrogen oxides (NO_x) (lb/hr and tons/year), carbon monoxide (lb/hr, tons/year), and volatile organic compounds (VOC) (lb/hr, tons/year), from January 1, 2015 to the date of this request. Also include a detailed explanation of the methods used to determine the total emissions for each pollutant, any and all associated calculations, and emission factors. Clearly indicate the source of any emission factors used in these calculations (i.e. manufacturer, AP-42, etc.) If a manufacturer-provided factor is used, provide the document or documents which indicate, describe, or note the proper use of the factor.

6. Provide a table of all emissions tests conducted at the Facility for any reason, from January 1, 2010 to the present, and provide copies of all emissions test reports. Emission testing includes, but is not limited to, compliance testing, engineering testing, stack testing, capture efficiency testing, source testing and testing for general information. Use the following guidelines for compiling the table and preparing copies of the test reports:

a. **Table:** Identify the emissions unit, the control device, the date of the test, the federal or state regulation requiring the test (if applicable), pollutants tested, throughput during test, and the test method(s) used. For each test during which the source was not operating at maximum design capacity, provide an explanation for why production was limited. Indicate whether the report was shared with BAAQMD.

b. **Copies:** Provide full stack test reports, including the summary pages, the section describing the process parameters and production or processing rates at the time of the test, all test runs, and all calculations.

7. From January 1, 2010 to present, provide the results of all ambient air monitoring or testing performed at the Facility or within one mile of the Facility. For each monitoring or testing reading, document the location on a diagram of the Facility or a map.

8. From January 1, 2010 to the present, provide the results of all indoor air quality tests performed at the Facility. For each test result, document the location on a diagram of the Facility from which the sample was obtained.

9. Provide any emission minimization plans, including odor minimization plans, in use at the Facility since January 1, 2015.

10. For baghouses #1, #2, #3, #4, #5, #6, Fume baghouse A-25, Cupola Baghouse A-19, and mist eliminator baghouses A-35 and A-36, provide:
    a. baghouse type (e.g., pulse jet);
    b. fabric filter material used and manufacturer specifications;
    c. baghouse capacity;
    d. fan type(s) and capacities;
    e. dates of installation of all improvements and modifications, and a narrative summary of the improvements and modifications made;
    f. a list of all emissions units connected to the baghouses and a detailed explanation of how emissions are routed to them (such as via ducted pickup points, canopies, hoods, etc.). Include a description of any capture mechanisms, and the location of all devices used to measure air flow or pressure; and
    g. a detailed description of the method, frequency, and location of the disposal of spent or damaged bags.

11. For baghouses #1, #2, #3, #4, #5, #6, Fume baghouse A-25, Cupola Baghouse A-19, and mist eliminator baghouses A-35 and A-36, provide in an Excel Workbook or other compatible format, from January 1, 2015 to the present:
    a. all records of the differential pressure readings taken at each baghouse, including the date and time of the readings;
    b. daily operating hours for each baghouse; and
    c. a list of periods when an emission source was in operation, but either or both of baghouses were down. For each period the baghouses were down, provide an explanation as to why it was down.

12. Provide all documents and data related capture efficiency and control efficiency design documents for the mist eliminator baghouse A-35 and A-36, including all associated hoods and capture systems.

13. For the pipe finishing dip tanks S-34, S-35 and S-36 (Andy 1, Andy 2 and Andy 3) provide the following from January 1, 2015 to the present:
    a. air flow and fan power data for the hoods associated with A-35 and A-36
    b. hot dip operating temperature records;
    c. net usage of asphalt coating at each line;
    d. daily operating hours for each unit; and
    e. maintenance records for each unit.

14. Provide any and all ventilation studies or capture efficiency studies drafted, completed and implemented at the Facility, including, but not limited to, the cupola and all pouring lines.

15. Provide documentation of all malfunction, breakdown or failure events for baghouses #1, #2, #3, #4, #5, #6, Fume baghouse A-25, Cupola Baghouse A-19 and mist eliminator baghouses A-35 and A-36, including associated ducts and ventilation equipment from January 1, 2015 to the present.

16. Provide documentation on all repairs, maintenance and inspections performed on baghouses #1, #2, #3, #4, #5, #6, Fume baghouse A-25, Cupola Baghouse A-19 and mist eliminator baghouses A-35 and A-36 from January 1, 2015 to the present. Include date of event, accounts of equipment replaced or repaired, reason for repairs or maintenance and duration of event.

17. Provide the following information for the cupola melt furnace for all times that the emission units were operating during the period from January 1, 2015 to the present. Provide this information in an Excel Workbook or compatible format:
    a. monthly production in tons for gray iron, including on a 12-month rolling basis; and
    b. monthly maximum and minimum production (tons/hour).

18. In terms of tons metal poured, provide, monthly production records for all pouring lines, including, but not limited to, P-2, P-3, P-4, P-5, P-6, DISA 270 and DISA 2013 from January 1, 2015 to the present.

19. For each of the mold cooling tunnels provide:
    a. explanation of how the emissions are vented, including descriptions and documentation of any control and monitoring equipment in place;
    b. composition of the vent stream;
    c. records of emissions quantities for each pollutant in the vent stream in (lb/hr and tons/year) in an Excel Workbook or compatible format; and
    d. emissions calculations for each of the mold cooling tunnels for each pollutant.

20. Provide monthly Seacoal usage since January 1, 2015.

21. Provide monthly usage of Resin Coated Foundry Sand, including BET'R Shell EF Core Sand and CC E-Series AB&I 60-3.0 since January 1, 2015. Include any other similar products used at the Facility since January 1, 2015 if not listed above.

22. For January 1, 2010 to the present, provide a list of each capital project approved at the Facility associated with any equipment that emissions air pollution that totaled greater than $50,000. Include projects modifying or installing air pollution control equipment. For each project include:
    a. A detailed description of the project including engineering justifications and capital expenditure authorizations;
    b. The amount of dollars actually spent on the project;
    c. The dates the work was actually conducted (e.g., June 8-August 10, 2017);
    d. All analyses done to demonstrate any potential or actual increase or decrease in emissions of any air pollutant; and
    e. Copies of all Prevention of Significant Deterioration/New Source Review applicability analyses.

23. For the No-Bake System installed at the Facility in or around 2019, provide the following:
    a. Date construction began;
    b. Date or dates construction stopped;
    c. All operational dates as defined when sand was used in the system, including for any testing purposes
    d. Quantity of raw materials used during each production date, including for any testing purposes;
    e. Design documents, including diagrams and drawings detailing the layout of equipment and major equipment list;
    f. Emissions calculations performed to estimate emission from the system;
    g. Any and all testing conducted on the system to quantify air emissions from the system;
    h. All permit applications submitted to BAAQMD, including supplemental submissions and notices of incompleteness; and
    i. All communications, including emails and letters, discussing projected or actual emissions from the system.

24. Provide all records related to all air complaints from the surrounding community about AB&I's operations since January 1, 2015, including:
    a. Date AB&I received the complaints;
    b. Identification of the source or potential source of the cause of the compliant;
    c. Investigation into mitigating the complaint; and
    d. Corrective actions, if any, to prevent future complaints.