

**APPENDIX A  
CORRESPONDENCE**

## **APPENDIX A.1**

Letter from Brian Bateman, Director Engineering Division of BAAQMD to Joe Emmerichs,  
General Manager of Pacific Steel Casting Company regarding Final Emissions Inventory Report,  
February 23, 2007

February 23, 2007

Joe Emmerichs, General Manager  
Pacific Steel Casting  
1333 2nd Street  
Berkeley, CA 94710

RE: Final Emissions Inventory Report

Dear Mr. Emmerichs:

I am writing to inform you that the District has completed its review of your Final Emissions Inventory Report received by hand delivery from ENVIRON on February 15. Pursuant to H&S § 44343, The District will provide its findings and determination of the Final Emissions Inventory Report to the Office of Environmental Health Hazard Assessment (OEHHA), the Department of Industrial Relations, and the City of Berkeley. The District will also provide a copy of this Report to the City of Berkeley for posting on its website.

The District has reviewed your report and the responses to the comments that we provided on December 15, 2006 and February 5, 2007. Your responses are accepted, and the District approves the Final Emissions Inventory with the incorporation of the statements and agreements set forth in these responses; accordingly, the District expects you to reassess PCDDs/PCDFs emissions at pouring and cooling operations at Plant 703 and toxic organic compounds at S4, Shakeout, and S19, Pouring & Cooling, at Plant 1603 (based on additional testing and monitoring data at the carbon adsorber) as part of your next effort. That information must be included in an addendum to the Emissions Inventory Report and in the Health Risk Assessment. The District may also be conducting additional source testing at your facility for the purpose of verifying the current emission calculation methodology. Any additional revisions, including those based on additional source testing, must be submitted in the Report's addendum and included in the Health Risk Assessment.

Based on the earlier agreement of Pacific Steel Casting to submit the initial Health Risk Assessment (HRA) within six weeks of approval of the emissions inventory report, Pacific Steel Casting must submit the HRA and the associated addendum to the Emissions Inventory Report to the District by no later than April 10, 2007. After a preliminary review, the District will provide the HRA to OEHHA for its technical review.

Please contact me at (415) 749-4653, or Scott Lutz at (415) 749-4676, if you have any questions regarding this letter.

Sincerely,

Brian Bateman, Director  
Engineering Division

cc: Doug Daugherty, ENVIRON

**ALAMEDA COUNTY**

Tom Bates  
Scott Haggerty  
Janet Lockhart  
Nate Miley

**CONTRA COSTA COUNTY**

John Gioia  
Mark Ross  
(Chair)  
Michael Shimansky  
Gayle B. Uilkema

**MARIN COUNTY**

Harold C. Brown, Jr.

**NAPA COUNTY**

Brad Wagenknecht

**SAN FRANCISCO COUNTY**

Chris Daly  
Jake McGoldrick  
Gavin Newsom

**SAN MATEO COUNTY**

Jerry Hill  
(Vice-Chair)  
Carol Klatt

**SANTA CLARA COUNTY**

Erin Garner  
Yoriko Kishimoto  
Liz Kniss  
Patrick Kwok

**SOLANO COUNTY**

John F. Silva

**SONOMA COUNTY**

Tim Smith  
Pamela Torliatt  
(Secretary)

Jack P. Broadbent  
EXECUTIVE OFFICER/APCO

## **APPENDIX A.2**

Letter from Brian Bateman, Director Engineering Division of BAAQMD to Joe Emmerichs,  
General Manager of Pacific Steel Casting Company regarding Addendum to Modeling Protocol,  
March 28, 2007



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT  
SINCE 1955

ALAMEDA COUNTY

Tom Bates  
Scott Haggerty  
Janet Lockhart  
Nate Miley

CONTRA COSTA COUNTY

John Gioia  
Mark Ross  
(Chair)  
Michael Shimansky  
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(Secretary)

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EXECUTIVE OFFICER/APCO

March 28, 2007

Joe Emmerichs, General Manager  
Pacific Steel Casting  
1333 2nd Street  
Berkeley, CA 94710

RE: Addendum to Modeling Protocol

Dear Mr. Emmerichs:

I am writing to inform you that the District has completed its review of the Addendum to Modeling Protocol for Pacific Steel Casting Health Risk Assessment (HRA), received by email from ENVIRON on March 26, and has approved the revised modeling protocol. Because ENVIRON required additional time to prepare acceptable revisions to the modeling protocol, the District has extended the submittal date for the HRA and the associated addendum to the Emissions Inventory Report to April 30, 2007. In accordance with the provisions of California Health and Safety Code section 44361, following a preliminary review of the HRA, the District will provide the HRA to OEHHA for its technical review.

Please contact me at (415) 749-4653, or Scott Lutz at (415) 749-4676, if you have any questions regarding this letter.

Sincerely,

Brian Bateman, Director  
Engineering Division

cc: Doug Daugherty, ENVIRON

*Spare the Air*

### **APPENDIX A.3**

Letter from Scott Lutz, Manager, Toxic Evaluation Section of Engineering Division of BAAQMD to Joe Emmerichs, General Manager of Pacific Steel Casting Company regarding Air Dispersion Modeling for Health Risk Assessment, January 29, 2007

January 29, 2007

Joe Emmerichs, General Manager  
Pacific Steel Casting  
1333 2nd Street  
Berkeley, CA 94710

RE: Air Dispersion Modeling for Health Risk Assessment

**ALAMEDA COUNTY**

Tom Bates  
Scott Haggerty  
Janet Lockhart  
Nate Miley

Dear Mr. Emmerichs:

**CONTRA COSTA COUNTY**

John Gioia  
Mark Ross  
(Chair)  
Michael Shimansky  
Gayle B. Uilkema

I am writing to inform you that the District has reviewed additional data and has now concluded that meteorological data collected (by the District) at the UC Berkeley Richmond Field Station (aka UC Richmond) are the most representative meteorological data available for air dispersion modeling at Pacific Steel Casting Company in Berkeley. Please use these UC Richmond meteorological data when conducting air dispersion modeling for the AB2588 health risk assessment.

**MARIN COUNTY**

Harold C. Brown, Jr.

**NAPA COUNTY**

Brad Wagenknecht

**SAN FRANCISCO COUNTY**

Chris Daly  
Jake McGoldrick  
Gavin Newsom

In addition, U.S. EPA promulgated a new state-of-the-art regulatory air dispersion model, AERMOD, in November of 2005. AERMOD has replaced ISCST as the regulatory default model for federal air quality modeling purposes, effective December 2006. Accordingly, in order to produce the most realistic modeling results possible, Pacific Steel Casting Company should submit an addendum to the health risk assessment protocol that describes the use of AERMOD and any other changes necessary to conduct the health risk assessment.

**SAN MATEO COUNTY**

Jerry Hill  
(Vice-Chair)  
Carol Klatt

We look forward to working together with you and your consultants to produce an acceptable Health Risk Assessment. Please contact me at 415-749-4676 if you have any questions about this letter.

**SANTA CLARA COUNTY**

Erin Garner  
Yoriko Kishimoto  
Liz Kniss  
Patrick Kwok

**SOLANO COUNTY**

John F. Silva

Sincerely,

**SONOMA COUNTY**

Tim Smith  
Pamela Torliatt  
(Secretary)

Scott Lutz, Manager  
Toxic Evaluation Section  
Engineering Division

Jack P. Broadbent  
EXECUTIVE OFFICER/APCO

cc: Doug Daugherty, ENVIRON