Rule 1402 Risk Reduction Plan
Elements Required by Rule 1402(f)(3)

Facility Operator Name:

Quemetco, Inc.

Owner's Business Name:

Quemetco West, LLC

Facility Location Address:

720 S. 7th Avenue
City of Industry, CA 91746

SCAQMD ID Number:

008547

Business primary NAICS Code:

331492 (Secondary Lead Smelting)

Requirement for Risk Reduction

SCAQMD approved Quemetco's Health Risk Assessment on May 17, 2016. A copy of the approval letter is included as Attachment A. A public meeting to discuss the Health Risk Assessment occurred on June 23, 2016. As stated in SCAQMD's notification regarding the public meeting, the notification "is required due to a change in health risk calculation methods rather than from an increase in emissions from Quemetco."

Facility Risk Characterization

An updated Health Risk Assessment Summary Form is included as Attachment B. An updated Toxics Emission Inventory is included as Attachment C. The Toxics Emissions Inventory is identical to the inventory approved by SCAQMD in the recently approved Health Risk Assessment with the exception of arsenic emissions from the WESP stack. Arsenic emissions from the WESP stack have been reduced from 9.328475 pounds per year (0.001065 pounds per hour, average) to 6.50 pounds per year (0.000742 pounds per hour, 30-day average).

The risk due to total facility emissions has decreased below the levels in the previously approved Health Risk Assessment as indicated in the following table:

Category	Previously Approved Value (2014 Inventory Reporting Year)	Current Value (2016 Inventory Reporting Year)
Maximum Offsite Cancer Risk	40.1	37.0
Maximum Residential Cancer Risk	8.1	7.1
Maximum Worker Cancer Risk	1.8	1.52
Cancer Burden	0.66	0.45
Maximum Residential Chronic Hazard Index	0.49	0.41
Maximum Worker Chronic Hazard Index	0.83	0.69
Maximum 8-Hour Chronic Hazard Index	0.036	0.031
Maximum Acute Hazard Index	0.11	0.09

Identification of Each Source from Which Risk Needs to be Reduced

Only arsenic emissions from the facility Wet Electrostatic Precipitator (WESP) stack need to be reduced in order to achieve a risk below the Action Risk Level for cancer burden. The proposed reduction in the arsenic emissions from 9.328475 pounds per year (0.001065 pounds per hour, average) to 6.50 pounds per year (0.000742 pounds per hour, 30-day average) will result in a decrease in cancer burden from 0.66 to 0.45, which is ten percent (10%) below the 0.50 Action Risk Level. Files necessary to replicate the revised Health Risk Assessment reflecting the proposed arsenic limit from the WESP are included on a flash drive which is being submitted with this Risk Reduction Plan.

Evaluation of Risk Reduction Measures

The primary driver of cancer burden from Quemetco is arsenic from the WESP stack. Commitment to reduced arsenic from the WESP is the only risk reduction measure currently available to bring the cancer burden below the Action Risk Level. While Rule 1402(e)(1) allows for up to three years to implement risk reduction measures, with up to two years of time extensions, commitment to reduced arsenic from the WESP can be implemented immediately. This approach also does not require any construction activities or use of additional resources.

Specification of Risk Reduction Measures to be Implemented

Quemetco will commit to an average WESP arsenic emission rate of 0.000742 pounds per hour with an averaging period of thirty (30) days. The 30-day average was suggested by SCAQMD during a meeting between Quemetco and SCAQMD that occurred on May 25, 2016. Quemetco has considered SCAQMD's suggestion and believes that a 30-day averaging period for the one-hour arsenic results as monitored by the Xact 640 monitor (or an equivalent alternative monitor if one becomes available in the future) on the WESP stack is a reasonable approach. The result of committing to this average hourly limit will be an annual arsenic cap of approximately 6.50 pounds per year.

As stated previously, the proposed emission cap of 6.50 pounds per year (0.000742 pounds per hour, 30-day average) will result in a decrease in the cancer burden from 0.66 to 0.45, or ten percent below the 0.50 Action Risk Level. It is important to note that this provision is independent of any feed rate limit specified in the Quemetco facility permit. In other words, Quemetco is committed to the proposed arsenic emission limit even in the context of a future feed rate increase, should such an increase be approved by SCAQMD.

Schedule for Implementing the Specified Risk Reduction Measure

The specified risk reduction measure can be implemented immediately upon approval by SCAQMD. All required monitoring and recordkeeping equipment is already in place. Should SCAQMD require a permit application to implement the specified risk reduction measure, Quemetco will submit the application within 180 days of approval of this Risk Reduction Plan and will then implement the risk reduction measure upon SCAQMD approval of the application.

Estimation of the Residual Health Risk

The estimated residual health risk after implementing the specified risk reduction measure is presented in the table below:

Category	Residual Risk
Maximum Offsite Cancer Risk	37.0
Maximum Residential Cancer Risk	7.1
Maximum Worker Cancer Risk	1.52
Cancer Burden	0.45
Maximum Residential Chronic Hazard Index	0.41
Maximum Worker Chronic Hazard Index	0.69
Maximum 8-Hour Chronic Hazard Index	0.031
Maximum Acute Hazard Index	0.09

Certification

By the signature below, Quemetco, Inc. certifies that this Risk Reduction Plan meets all of the requirements specified in South Coast Air Quality Management District Rule 1402 as currently promulgated as of the date of the Risk Reduction Plan Submittal. The individual signing this Certification is officially responsible for the processes and operations of the facility.

Scott Bevans
Signature

November 14, 2016
Date

Scott Bevans
Printed or Typed Name

Vice President California Operations
Title

Attachment A

SCAQMD Approval of Quemetco Health Risk Assessment
May 17, 2016

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

EMAILED and Hand Delivered: (May 17, 2016)

May 17, 2016

Mr. Scott Bevans
Quemetco Inc.
720 S. 7th Ave
City of Industry, CA 91745-3124

Subject: AB2588 Health Risk Assessment Approval and Risk Reduction
Quemetco Inc. (SCAQMD No.: 8547)

Dear Mr. Bevans:

This letter provides approval of the Health Risk Assessment (HRA) submitted by Quemetco pursuant to the Air Toxics "Hot Spots" Act (AB2588) and South Coast Air Quality Management District (SCAQMD) Rule 1402, including revisions made by SCAQMD staff. As noted in the HRA Summary Forms (Attachments B and C) the risks posed by Quemetco are above the public notification and risk reduction thresholds specified in Rule 1402. Quemetco is therefore required to notify the public within thirty (**30**) days and submit a Risk Reduction Plan within one hundred and eighty (**180**) days. Details regarding this HRA approval are below.

Background

In accordance with AB2588 and SCAQMD Rule 1402, SCAQMD staff notified Quemetco on December 10, 2013 that it must submit an HRA based on a November 2013 SCAQMD source test that showed elevated levels of arsenic emissions. Quemetco provided the subsequent AB2588 HRA on May 9, 2014. SCAQMD staff sent a comment letter on September 23, 2014 requiring Quemetco to revise their HRA in several areas including an assessment of potential lead impacts relative to the National Ambient Air Quality Standard, and to address minor comments from the Office of Environmental Health Hazard Assessment (OEHHA). Quemetco provided an updated HRA in January 2015.

On March 6, 2015, the SCAQMD Governing Board directed staff to update its rules affected by the March 2015 update of the AB2588 risk assessment guidelines put forth by OEHHA[1], and to require all HRAs that had not yet been approved to use the new methodology. As you are aware, these new risk assessment guidelines have used recent scientific findings that show that children

[1] http://oehha.ca.gov/air/hot_spots/hotspots2015.html

are more susceptible to cancer causing compounds than adults. For contaminants that children can be exposed to through multiple exposure routes in addition to inhalation (e.g., dermal exposure, ingestion, etc.) like arsenic, this means that HRAs using the new guidance will result in an approximately five-fold increase in residential cancer risk compared to using the previous guidance, even at the same emissions level.

On March 17, 2015, SCAQMD staff requested that Quemetco prepare a new HRA using the revised OEHHA guidelines. This revision was required to include two scenarios: 1) a baseline scenario utilizing the November 2013 SCAQMD source test input into the dispersion model, and 2) dispersion modeling that reconciled any potential differences between onsite fenceline monitoring data that became available in 2014 and source tests also available from 2014. Quemetco provided an updated HRA using the new OEHHA guidelines and software in May 2015. SCAQMD staff submitted the HRA to OEHHA for a second review due to the updated HRA methodology. While SCAQMD staff has not yet received OEHHA's comments, if there are any significant comments that materially affect the results of the HRA, SCAQMD staff will revise its approval accordingly. The May 2015 HRA as submitted by Quemetco cannot be approved without revisions since it did not include the SCAQMD source test data, it did not address the modeling-monitoring reconciliation, and it also contains several other modeling errors.

SCAQMD staff made changes to the HRA and on September 16, 2015 sent Quemetco a tentative approval of the staff-modified HRA. In that letter, staff presented Scenario 1 (risk and modeling based on the November 2013 SCAQMD source tests) and Scenario 2 (risk and modeling that reconciled onsite monitoring with the average emission rate from all source tests in 2014). On September 30, 2015, Quemetco responded to this tentative approval with comments stating that 1) the onsite fenceline monitoring data was biased because Quemetco's laboratory had not blank-corrected the arsenic data (i.e. pre-existing arsenic on monitoring filters was not subtracted from the results), 2) that certain dispersion modeling parameters should be revised, and 3) that they believe that there are additional sources of arsenic in the nearby area that may be affecting Quemetco's onsite monitors. In response to these comments, the onsite fenceline monitoring data has been corrected for pre-existing arsenic on blank filters and the dispersion modeling source parameters have been revised. In order to determine the appropriate background concentrations for arsenic and lead SCAQMD staff utilized data from its MATES IV study after reviewing available data for nearby facilities and not identifying any potential other local sources of arsenic. All of the modeling files that contain the details of this approval are available in Attachment A (on disk).

Risk Results

Scenario 1. November 2013 SCAQMD Source Test

As summarized in Attachment B, several health risk endpoints from the Scenario 1 HRA exceed thresholds specified in Rule 1402. In particular, the residential cancer risk (16 in one million) and the worker chronic hazard index (1.28) exceed the public notification thresholds, and the cancer burden (2.0) exceeds the risk reduction threshold.

Scenario 2. Average of 2014 Arsenic and Lead Source Tests and Added Fugitive Area Source. Several amendments to SCAQMD Rule 1420.1 have occurred since the November 2013 source test that place stricter, enforceable emission limits on Quemetco. For example, total point source emissions cannot exceed 0.00114 pounds per hour (i.e. 10 pounds per year) beginning in January 2015. SCAQMD staff evaluated the average 2014 emission rates for arsenic and lead from the Wet Electro-Static Precipitator (WESP) and found that they were at about the same level as required in Rule 1420.1 (emissions have decreased in 2015). The average emission rate is most appropriate to use in this instance because the health thresholds that are exceeded are long-term risks (i.e. cancer risk and chronic non-cancer risk). The average emission rate modeled for 2014 arsenic measured from the Quemetco WESP is 9.33 lbs/yr, and the average emission rate modeled for 2014 lead is 2.09 lbs/yr.

To reconcile the 2014 ambient air monitored around the facility, SCAQMD staff included a fugitive/area source (bounded by the facility property line, and excluding the parking lot and eastern tenant). The emission rate of this fugitive/area source was back-calculated using the onsite fenceline monitoring data. The back-calculated arsenic emission rate is 0.14 lbs/yr and the lead emission rate is 10.7 lbs/yr.

As summarized in Attachment C, only one health risk endpoint from the Scenario 2 HRA exceeds a threshold specified in Rule 1402. Specifically, the cancer burden (0.66) exceeds the risk reduction threshold.

Next Steps

Public Notification – Scenario 1

Scenario 1 risk levels are higher than those found in Scenario 2, and also exceed Rule 1402 public notification thresholds. In order to ensure that all of the public that may have been affected by the risks shown in this HRA are notified, Scenario 1 must be used for public notification. To satisfy the requirements of Rule 1402, Quemetco must:

- Conduct public notification based on Scenario 1 pursuant to SCAQMD Public Notification Procedures[2] within **30** days of approval of the HRA. Public Notice must cover all the residential and sensitive receptor addresses, and children in schools within the residential notification area contour found in Attachment D, as well as the worker receptors within the worker notification area.

Risk Reduction – Scenario 2

Because risk levels also exceed Rule 1402 risk reduction thresholds, even after considering permanent and enforceable changes that occurred in 2014, Quemetco must:

- Submit a Risk Reduction Plan (RRP) that demonstrates how risks in the future will be lower than risk reduction thresholds in Rule 1402 within **180** days of this letter; and
- Implement the RRP as quickly as feasible, but no later than three (**3**) years from the initial RRP submittal date.

[2] Available here: http://www.aqmd.gov/docs/default-source/planning/risk-assessment/public-notification-procedures.pdf

Permit Application/CEQA

Quemetco has submitted a permit application to SCAQMD to increase daily throughput by 25%. Before the permit could be considered for approval, SCAQMD must also act as the lead agency under CEQA and prepare an Environmental Impact Report (EIR). If Quemetco chooses to continue pursuing this permit modification, the EIR must demonstrate that any future emissions from the facility will be consistent with the requirements in the RRP required pursuant to this letter, and that there will be no foreseeable future need for an additional RRP under Rule 1402.

If you have any questions regarding this letter or the attached HRA files, please contact me at (909) 396-3244. In addition, given the short timeframe for conducting public notification, please schedule a meeting with SCAQMD staff to discuss the next steps for public notification.

Sincerely,

Ian MacMillan
Planning and Rules Manager

Attachments:

A. HRA files on disk
B. HRA Summary Form - Scenario 1: SCAQMD Source Test (Nov 2013)
C. HRA Summary Form - Scenario 2: 2014 Source Test Averages & Fugitive/Area Source
D. Public Notification Area Map

cc: John DePaul, RSR Corporation
Mike Buckantz, Quemetco
Phil Fine, SCAQMD
Jill Whynot, SCAQMD
Mohsen Nazemi, SCAQMD
Kurt Wiese, SCAQMD

Attachment B
Scenario 1: AQMD Source Test (Nov 2013)

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4182
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HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : Quemetco
Facility Address: 720 S. 7th Avenue
City of Industry, CA 91746
Type of Business: Secondary Lead Smelter
SCAQMD ID No.: 8547

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : 2013
2. Maximum Cancer Risk to Receptors : *(Offsite and residence = 30-year exposure, worker = 25-year exposure)*
   a. Offsite 65.9 in a million Location: (409420, 3765341)
   b. Residence 16 in a million Location: (409100, 3766500)
   c. Worker 2.44 in a million Location: (409400, 3765300)
3. Substances Accounting for 90% of Cancer Risk: Arsenic, Benzene, and Hexavalent Chromium
   Processes Accounting for 90% of Cancer Risk: Secondary Lead Smelting
4. Cancer Burden for a 70-yr exposure: *(Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])*
   a. Cancer Burden 2.0
   b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure 658,608
   c. Maximum distance to edge of 70-year, 1 x 10^{-6} cancer risk isopleth (meters) 16,500

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
   a. Residence HI: 0.70 Location: (408940, 3765859) toxicological endpoint: Central Nervous System
   b. Worker HI : 1.28 Location: (409400, 3765300) toxicological endpoint: Central Nervous System
   c. Modeled Lead* : 0.001 ug/m^3 Location: (409319, 3765341) *[Lead NAAQS: 0.15 ug/m3]*
   **Highest onsite monitor shows 3-month rolling average concentration of 0.08 ug/m^3 in 2013*
2. Substances Accounting for 90% of Chronic Hazard Index: Arsenic
3. Maximum 8-hour Chronic Hazard Index:
   8-Hr Chronic HI: 0.051 Location: (409400, 3765300) toxicological endpoint:
4. Substances Accounting for 90% of 8-hour Chronic Hazard Index:
5. Maximum Acute Hazard Index:
   PMI: 0.22 Location: (409219, 3765141) toxicological endpoint: Developmental and Reproductive System
6. Substances Accounting for 90% of Acute Hazard Index: Arsenic and Benzene

C. Public Notification and Risk Reduction

1. Public Notification Required? X Yes ___ No
   a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1
   11,126
2. Risk Reduction Required? X Yes ___ No

Attachment C
Scenario 2: 2014 Source Test Averages and Fugitive/Area Source

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HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : Quemetco
Facility Address: 720 S. 7th Avenue
City of Industry, CA 91746
Type of Business: Secondary Lead Smelter
SCAQMD ID No.: 8547

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : 2014
2. Maximum Cancer Risk to Receptors : *(Offsite and residence = 30-year exposure, worker = 25-year exposure)*
   a. Offsite 40.1 in a million Location: (409320, 3765514)
   b. Residence 8.1 in a million Location: (409039, 3766141)
   c. Worker 1.8 in a million Location: (409419, 3765341)
3. Substances Accounting for 90% of Cancer Risk: Arsenic, Benzene, and Hexavalent Chromium
   Processes Accounting for 90% of Cancer Risk: Secondary Lead Smelting
4. Cancer Burden for a 70-yr exposure: *(Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])*
   a. Cancer Burden 0.66
   b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure 308,210
   c. Maximum distance to edge of 70-year, 1 x 10^{-6} cancer risk isopleth (meters) 11,409

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

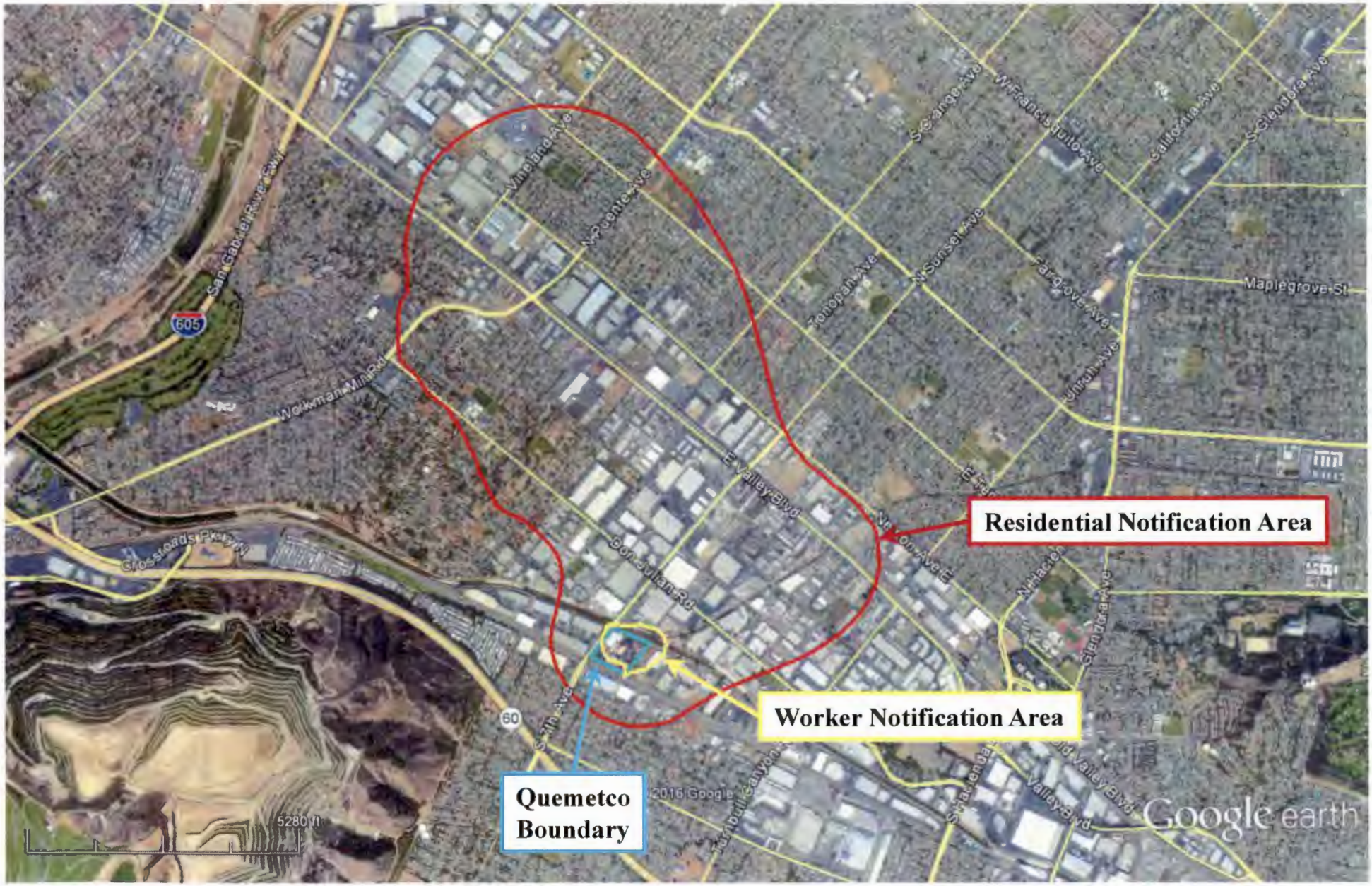
1. Maximum Chronic Hazard Indices:
   a. Residence HI: 0.49 Location: (409039, 3766141) toxicological endpoint: Central Nervous System
   b. Worker HI : 0.83 Location: (409419, 3765341) toxicological endpoint: Central Nervous System
   c. Modeled Lead* : Location: *[Lead NAAQS: 0.15 ug/m3]*
   **Highest onsite monitor shows 3-month rolling average concentration of 0.08 ug/m^3 since 2013*
2. Substances Accounting for 90% of Chronic Hazard Index: Arsenic
3. Maximum 8-hour Chronic Hazard Index:
   8-Hr Chronic HI: 0.036 Location: (409419, 3765341) toxicological endpoint: Central Nervous System
4. Substances Accounting for 90% of 8-hour Chronic Hazard Index:
5. Maximum Acute Hazard Index:
   PMI: 0.11 Location: (409219, 3765141) toxicological endpoint: Central Nervous System
6. Substances Accounting for 90% of Acute Hazard Index: Arsenic and Benzene

C. Public Notification and Risk Reduction

1. Public Notification Required? ___ Yes X NO
   a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1
   _____ residential receptors
2. Risk Reduction Required? X Yes ___ No

ATTACHMENT D
Public Notification Area Map

May 17, 2016



Attachment B

Updated Health Risk Assessment Form

Attachment B
Updated Health Risk Assessment Summary Form

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HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : Quemetco
Facility Address: 720 S. 7th Avenue
City of Industry, CA 91746
Type of Business: Secondary Lead Smelter
SCAQMD ID No.: 8547

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : 2016
2. Maximum Cancer Risk to Receptors : *(Offsite and residence = 30-year exposure, worker = 25-year exposure)*
   a. Offsite 37.0 in a million Location: (409320, 3765514)
   b. Residence 7.1 in a million Location: (409039, 3766141)
   c. Worker 1.52 in a million Location: (409419, 3765341)
3. Substances Accounting for 90% of Cancer Risk: Arsenic, Benzene, and Hexavalent Chromium
   Processes Accounting for 90% of Cancer Risk: Secondary Lead Smelting
4. Cancer Burden for a 70-yr exposure: *(Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])*
   a. Cancer Burden 0.45
   b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure 230,635
   c. Maximum distance to edge of 70-year, 1 x 10^{-6} cancer risk isopleth (meters) 9,825

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
   a. Residence HI: 0.41 Location: (409039, 3766141) toxicological endpoint: Central Nervous System
   b. Worker HI : 0.69 Location: (409419, 3765341) toxicological endpoint: Central Nervous System
   c. Modeled Lead* : _____ Location: _____ *[Lead NAAQS: 0.15 ug/m3]*
   **Highest onsite monitor shows 3-month rolling average concentration of 0.08 ug/m^3 since 2013*
2. Substances Accounting for 90% of Chronic Hazard Index: Arsenic
3. Maximum 8-hour Chronic Hazard Index:
   8-Hr Chronic HI: 0.031 Location: (409419, 3765341) toxicological endpoint: Central Nervous System
4. Substances Accounting for 90% of 8-hour Chronic Hazard Index: _____
5. Maximum Acute Hazard Index:
   PMI: 0.09 Location: (409219, 3765141) toxicological endpoint: Central Nervous System
6. Substances Accounting for 90% of Acute Hazard Index: Arsenic and Benzene

C. Public Notification and Risk Reduction

1. Public Notification Required? ___ Yes X No
   a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1
   _____ residential receptors
2. Risk Reduction Required? ___ Yes X No

Attachment C

Updated Toxics Emission Inventory

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0001	5	56235	CCl4	0	0
S0001	5	56553	B[a]anthracene	0	0
S0001	5	67663	Chloroform	0	0
S0001	5	71432	Benzene	4.49	0.000513
S0001	5	74839	Methyl Bromide	0	0
S0001	5	74873	Methyl Chloride	0	0
S0001	5	75003	Ethyl Chloride	0	0
S0001	5	75014	Vinyl Chloride	0	0
S0001	5	75070	Acetaldehyde	0	0
S0001	5	75092	Methylene Chlor	0	0
S0001	5	75354	Vinylid Chlorid	0	0
S0001	5	75694	TriClFluorMetha	0	0
S0001	5	76131	CFC-113	0	0
S0001	5	78875	1,2-DiClPropane	0	0
S0001	5	79005	1,1,2TriClEthan	0	0
S0001	5	79016	TCE	0	0
S0001	5	115071	Propylene	0	0
S0001	5	120127	Anthracene	0	0
S0001	5	120821	1,2,4TriClBenz	0	0
S0001	5	123911	1,4-Dioxane	0	0
S0001	5	127184	Perc	0	0
S0001	5	129000	Pyrene	0	0
S0001	5	191242	B[g,h,i]perylen	0	0
S0001	5	192972	B[e]pyrene	0	0
S0001	5	193395	In[1,2,3-cd]pyr	0	0
S0001	5	198550	Perylene	0	0
S0001	5	205992	B[b]fluoranthen	0	0
S0001	5	206440	Fluoranthene	0	0
S0001	5	207089	B[k]fluoranthen	0	0
S0001	5	208968	Acenaphthylene	0	0
S0001	5	218019	Chrysene	0	0
S0001	5	1330207	Xylenes	0	0
S0001	5	50000	Formaldehyde	0	0
S0001	5	50328	B[a]P	0	0
S0001	5	53703	D[a,h]anthracen	0	0
S0001	5	79345	TetraClEthane	0	0
S0001	5	83329	Acenaphthene	0	0
S0001	5	85018	Phenanthrene	0	0
S0001	5	86737	Fluorene	0	0
S0001	5	91203	Naphthalene	0	0
S0001	5	91576	2MeNaphthalene	0	0
S0001	5	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0001	5	100414	Ethyl Benzene	0	0
S0001	5	100425	Styrene	0	0
S0001	5	106467	p-DiClBenzene	0	0
S0001	5	106934	EDB	0	0
S0001	5	106990	1,3-Butadiene	0	0
S0001	5	107028	Acrolein	0	0
S0001	5	107062	EDC	0	0
S0001	5	108883	Toluene	0	0
S0001	5	108907	Chlorobenzn	0	0
S0001	5	1336363	PCBs	0	0
S0001	5	1746016	2,3,7,8-TCDD	0	0
S0001	5	3268879	1-8OctaCDD	0	0
S0001	5	7439921	Lead	0.198	2.26E-05
S0001	5	7439965	Manganese	0.523	5.97E-05
S0001	5	7439976	Mercury	0.00209	2.39E-07
S0001	5	7440020	Nickel	0.0245	2.80E-06
S0001	5	7440382	Arsenic	0	0
S0001	5	7440417	Beryllium	0	0
S0001	5	7440439	Cadmium	0	0
S0001	5	7440508	Copper	1.17	0.000134
S0001	5	7440666	Zinc	23.4	0.00267
S0001	5	7782492	Selenium	0	0
S0001	5	7783064	H2S	0.0972	1.11E-05
S0001	5	18540299	Cr(VI)	0.00196	2.24E-07
S0001	5	19408743	1-3,7-9HxCDD	0	0
S0001	5	25321226	DiClBenzenes	0	0
S0001	5	35822469	1-4,6-8HpCDD	0	0
S0001	5	39001020	1-8OctaCDF	0	0
S0001	5	39227286	1-4,7,8HxCDD	0	0
S0001	5	40321764	1-3,7,8PeCDD	0	0
S0001	5	51207319	2,3,7,8-TCDF	0	0
S0001	5	55673897	1-4,7-9HpCDF	0	0
S0001	5	57117314	2-4,7,8PeCDF	0	0
S0001	5	57117416	1-3,7,8PeCDF	0	0
S0001	5	57117449	1-3,6-8HxCDF	0	0
S0001	5	57653857	1-3,6-8HxCDD	0	0
S0001	5	60851345	2-4,6-8HxCDF	0	0
S0001	5	67562394	1-4,6-8HpCDF	0	0
S0001	5	70648269	1-4,7,8HxCDF	0	0
S0001	5	72918219	1-3,7-9HxCDF	0	0
S0001	5	7440224	Silver	0	0
S0001	5	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0002	6	56235	CCl4	0	0
S0002	6	56553	B[a]anthracene	0	0
S0002	6	67663	Chloroform	0	0
S0002	6	71432	Benzene	4.36	0.000498
S0002	6	74839	Methyl Bromide	0	0
S0002	6	74873	Methyl Chloride	0	0
S0002	6	75003	Ethyl Chloride	0	0
S0002	6	75014	Vinyl Chloride	0	0
S0002	6	75070	Acetaldehyde	0	0
S0002	6	75092	Methylene Chlor	0	0
S0002	6	75354	Vinylid Chlorid	0	0
S0002	6	75694	TriClFluorMetha	0	0
S0002	6	76131	CFC-113	0	0
S0002	6	78875	1,2-DiClPropane	0	0
S0002	6	79005	1,1,2TriClEthan	0	0
S0002	6	79016	TCE	0	0
S0002	6	115071	Propylene	0	0
S0002	6	120127	Anthracene	0	0
S0002	6	120821	1,2,4TriClBenz	0	0
S0002	6	123911	1,4-Dioxane	0	0
S0002	6	127184	Perc	0	0
S0002	6	129000	Pyrene	0	0
S0002	6	191242	B[g,h,i]perylen	0	0
S0002	6	192972	B[e]pyrene	0	0
S0002	6	193395	In[1,2,3-cd]pyr	0	0
S0002	6	198550	Perylene	0	0
S0002	6	205992	B[b]fluoranthen	0	0
S0002	6	206440	Fluoranthene	0	0
S0002	6	207089	B[k]fluoranthen	0	0
S0002	6	208968	Acenaphthylene	0	0
S0002	6	218019	Chrysene	0	0
S0002	6	1330207	Xylenes	0	0
S0002	6	50000	Formaldehyde	0	0
S0002	6	50328	B[a]P	0	0
S0002	6	53703	D[a,h]anthracen	0	0
S0002	6	79345	TetraClEthane	0	0
S0002	6	83329	Acenaphthene	0	0
S0002	6	85018	Phenanthrene	0	0
S0002	6	86737	Fluorene	0	0
S0002	6	91203	Naphthalene	0	0
S0002	6	91576	2MeNaphthalene	0	0
S0002	6	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0002	6	100414	Ethyl Benzene	0	0
S0002	6	100425	Styrene	0	0
S0002	6	106467	p-DiClBenzene	0	0
S0002	6	106934	EDB	0	0
S0002	6	106990	1,3-Butadiene	0	0
S0002	6	107028	Acrolein	0	0
S0002	6	107062	EDC	0	0
S0002	6	108883	Toluene	0	0
S0002	6	108907	Chlorobenzn	0	0
S0002	6	1336363	PCBs	0	0
S0002	6	1746016	2,3,7,8-TCDD	0	0
S0002	6	3268879	1-8OctaCDD	0	0
S0002	6	7439921	Lead	1.13	0.000129
S0002	6	7439965	Manganese	0.023	2.62E-06
S0002	6	7439976	Mercury	0.00209	2.39E-07
S0002	6	7440020	Nickel	0.0911	1.04E-05
S0002	6	7440382	Arsenic	0.0254	2.90E-06
S0002	6	7440417	Beryllium	0	0
S0002	6	7440439	Cadmium	0.0381	4.35E-06
S0002	6	7440508	Copper	0.554	6.32E-05
S0002	6	7440666	Zinc	1.19	0.000136
S0002	6	7782492	Selenium	0	0
S0002	6	7783064	H2S	0.0972	1.11E-05
S0002	6	18540299	Cr(VI)	0.00162	1.85E-07
S0002	6	19408743	1-3,7-9HxCDD	0	0
S0002	6	25321226	DiClBenzenes	0	0
S0002	6	35822469	1-4,6-8HpCDD	0	0
S0002	6	39001020	1-8OctaCDF	0	0
S0002	6	39227286	1-4,7,8HxCDD	0	0
S0002	6	40321764	1-3,7,8PeCDD	0	0
S0002	6	51207319	2,3,7,8-TCDF	0	0
S0002	6	55673897	1-4,7-9HpCDF	0	0
S0002	6	57117314	2-4,7,8PeCDF	0	0
S0002	6	57117416	1-3,7,8PeCDF	0	0
S0002	6	57117449	1-3,6-8HxCDF	0	0
S0002	6	57653857	1-3,6-8HxCDD	0	0
S0002	6	60851345	2-4,6-8HxCDF	0	0
S0002	6	67562394	1-4,6-8HpCDF	0	0
S0002	6	70648269	1-4,7,8HxCDF	0	0
S0002	6	72918219	1-3,7-9HxCDF	0	0
S0002	6	7440224	Silver	0	0
S0002	6	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0003	7	56235	CCl4	0	0
S0003	7	56553	B[a]anthracene	0	0
S0003	7	67663	Chloroform	0	0
S0003	7	71432	Benzene	2.51	0.000287
S0003	7	74839	Methyl Bromide	0	0
S0003	7	74873	Methyl Chloride	0	0
S0003	7	75003	Ethyl Chloride	0	0
S0003	7	75014	Vinyl Chloride	0	0
S0003	7	75070	Acetaldehyde	0	0
S0003	7	75092	Methylene Chlor	0	0
S0003	7	75354	Vinylid Chlorid	0	0
S0003	7	75694	TriClFluorMetha	0	0
S0003	7	76131	CFC-113	0	0
S0003	7	78875	1,2-DiClPropane	0	0
S0003	7	79005	1,1,2TriClEthan	0	0
S0003	7	79016	TCE	0	0
S0003	7	115071	Propylene	0	0
S0003	7	120127	Anthracene	0	0
S0003	7	120821	1,2,4TriClBenz	0	0
S0003	7	123911	1,4-Dioxane	0	0
S0003	7	127184	Perc	0	0
S0003	7	129000	Pyrene	0	0
S0003	7	191242	B[g,h,i]perylen	0	0
S0003	7	192972	B[e]pyrene	0	0
S0003	7	193395	In[1,2,3-cd]pyr	0	0
S0003	7	198550	Perylene	0	0
S0003	7	205992	B[b]fluoranthen	0	0
S0003	7	206440	Fluoranthene	0	0
S0003	7	207089	B[k]fluoranthen	0	0
S0003	7	208968	Acenaphthylene	0	0
S0003	7	218019	Chrysene	0	0
S0003	7	1330207	Xylenes	0	0
S0003	7	50000	Formaldehyde	0	0
S0003	7	50328	B[a]P	0	0
S0003	7	53703	D[a,h]anthracen	0	0
S0003	7	79345	TetraClEthane	0	0
S0003	7	83329	Acenaphthene	0	0
S0003	7	85018	Phenanthrene	0	0
S0003	7	86737	Fluorene	0	0
S0003	7	91203	Naphthalene	0	0
S0003	7	91576	2MeNaphthalene	0	0
S0003	7	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0003	7	100414	Ethyl Benzene	0	0
S0003	7	100425	Styrene	0	0
S0003	7	106467	p-DiClBenzene	0	0
S0003	7	106934	EDB	0	0
S0003	7	106990	1,3-Butadiene	0	0
S0003	7	107028	Acrolein	0	0
S0003	7	107062	EDC	0	0
S0003	7	108883	Toluene	0	0
S0003	7	108907	Chlorobenzn	0	0
S0003	7	1336363	PCBs	0	0
S0003	7	1746016	2,3,7,8-TCDD	0	0
S0003	7	3268879	1-8OctaCDD	0	0
S0003	7	7439921	Lead	0.629	7.18E-05
S0003	7	7439965	Manganese	0.0215	2.45E-06
S0003	7	7439976	Mercury	0.00209	2.39E-07
S0003	7	7440020	Nickel	0.105	1.20E-05
S0003	7	7440382	Arsenic	0.00937	1.07E-06
S0003	7	7440417	Beryllium	0.0118	1.35E-06
S0003	7	7440439	Cadmium	0.03	3.43E-06
S0003	7	7440508	Copper	0.281	3.21E-05
S0003	7	7440666	Zinc	1.8	0.000206
S0003	7	7782492	Selenium	0.0902	1.03E-05
S0003	7	7783064	H2S	0.0972	1.11E-05
S0003	7	18540299	Cr(VI)	0.00112	1.28E-07
S0003	7	19408743	1-3,7-9HxCDD	0	0
S0003	7	25321226	DiClBenzenes	0	0
S0003	7	35822469	1-4,6-8HpCDD	0	0
S0003	7	39001020	1-8OctaCDF	0	0
S0003	7	39227286	1-4,7,8HxCDD	0	0
S0003	7	40321764	1-3,7,8PeCDD	0	0
S0003	7	51207319	2,3,7,8-TCDF	0	0
S0003	7	55673897	1-4,7-9HpCDF	0	0
S0003	7	57117314	2-4,7,8PeCDF	0	0
S0003	7	57117416	1-3,7,8PeCDF	0	0
S0003	7	57117449	1-3,6-8HxCDF	0	0
S0003	7	57653857	1-3,6-8HxCDD	0	0
S0003	7	60851345	2-4,6-8HxCDF	0	0
S0003	7	67562394	1-4,6-8HpCDF	0	0
S0003	7	70648269	1-4,7,8HxCDF	0	0
S0003	7	72918219	1-3,7-9HxCDF	0	0
S0003	7	7440224	Silver	0.018	2.06E-06
S0003	7	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0004	8	56235	CCl4	0	0
S0004	8	56553	B[a]anthracene	0	0
S0004	8	67663	Chloroform	0	0
S0004	8	71432	Benzene	2.38	0.000272
S0004	8	74839	Methyl Bromide	0	0
S0004	8	74873	Methyl Chloride	0	0
S0004	8	75003	Ethyl Chloride	0	0
S0004	8	75014	Vinyl Chloride	0	0
S0004	8	75070	Acetaldehyde	0	0
S0004	8	75092	Methylene Chlor	0	0
S0004	8	75354	Vinylid Chlorid	0	0
S0004	8	75694	TriClFluorMetha	0	0
S0004	8	76131	CFC-113	0	0
S0004	8	78875	1,2-DiClPropane	0	0
S0004	8	79005	1,1,2TriClEthan	0	0
S0004	8	79016	TCE	0	0
S0004	8	115071	Propylene	0	0
S0004	8	120127	Anthracene	0	0
S0004	8	120821	1,2,4TriClBenz	0	0
S0004	8	123911	1,4-Dioxane	0	0
S0004	8	127184	Perc	0	0
S0004	8	129000	Pyrene	0	0
S0004	8	191242	B[g,h,i]perylen	0	0
S0004	8	192972	B[e]pyrene	0	0
S0004	8	193395	In[1,2,3-cd]pyr	0	0
S0004	8	198550	Perylene	0	0
S0004	8	205992	B[b]fluoranthen	0	0
S0004	8	206440	Fluoranthene	0	0
S0004	8	207089	B[k]fluoranthen	0	0
S0004	8	208968	Acenaphthylene	0	0
S0004	8	218019	Chrysene	0	0
S0004	8	1330207	Xylenes	0	0
S0004	8	50000	Formaldehyde	0	0
S0004	8	50328	B[a]P	0	0
S0004	8	53703	D[a,h]anthracen	0	0
S0004	8	79345	TetraClEthane	0	0
S0004	8	83329	Acenaphthene	0	0
S0004	8	85018	Phenanthrene	0	0
S0004	8	86737	Fluorene	0	0
S0004	8	91203	Naphthalene	0	0
S0004	8	91576	2MeNaphthalene	0	0
S0004	8	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0004	8	100414	Ethyl Benzene	0	0
S0004	8	100425	Styrene	0	0
S0004	8	106467	p-DiClBenzene	0	0
S0004	8	106934	EDB	0	0
S0004	8	106990	1,3-Butadiene	1.44	0.000164
S0004	8	107028	Acrolein	0	0
S0004	8	107062	EDC	0	0
S0004	8	108883	Toluene	0	0
S0004	8	108907	Chlorobenzn	0	0
S0004	8	1336363	PCBs	0	0
S0004	8	1746016	2,3,7,8-TCDD	0	0
S0004	8	3268879	1-8OctaCDD	0	0
S0004	8	7439921	Lead	0.0894	1.02E-05
S0004	8	7439965	Manganese	0.429	4.90E-05
S0004	8	7439976	Mercury	0.00209	2.39E-07
S0004	8	7440020	Nickel	0.0496	5.66E-06
S0004	8	7440382	Arsenic	0.288	3.29E-05
S0004	8	7440417	Beryllium	0	0
S0004	8	7440439	Cadmium	0.0191	2.18E-06
S0004	8	7440508	Copper	2.21	0.000252
S0004	8	7440666	Zinc	36.3	0.00415
S0004	8	7782492	Selenium	0	0
S0004	8	7783064	H2S	0.0972	1.11E-05
S0004	8	18540299	Cr(VI)	0.0066	7.53E-07
S0004	8	19408743	1-3,7-9HxCDD	0	0
S0004	8	25321226	DiClBenzenes	0	0
S0004	8	35822469	1-4,6-8HpCDD	0	0
S0004	8	39001020	1-8OctaCDF	0	0
S0004	8	39227286	1-4,7,8HxCDD	0	0
S0004	8	40321764	1-3,7,8PeCDD	0	0
S0004	8	51207319	2,3,7,8-TCDF	0	0
S0004	8	55673897	1-4,7-9HpCDF	0	0
S0004	8	57117314	2-4,7,8PeCDF	0	0
S0004	8	57117416	1-3,7,8PeCDF	0	0
S0004	8	57117449	1-3,6-8HxCDF	0	0
S0004	8	57653857	1-3,6-8HxCDD	0	0
S0004	8	60851345	2-4,6-8HxCDF	0	0
S0004	8	67562394	1-4,6-8HpCDF	0	0
S0004	8	70648269	1-4,7,8HxCDF	0	0
S0004	8	72918219	1-3,7-9HxCDF	0	0
S0004	8	7440224	Silver	0	0
S0004	8	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0005	9	56235	CCl4	0	0
S0005	9	56553	B[a]anthracene	0	0
S0005	9	67663	Chloroform	0	0
S0005	9	71432	Benzene	5.24	0.000598
S0005	9	74839	Methyl Bromide	0	0
S0005	9	74873	Methyl Chloride	0	0
S0005	9	75003	Ethyl Chloride	0	0
S0005	9	75014	Vinyl Chloride	0	0
S0005	9	75070	Acetaldehyde	0	0
S0005	9	75092	Methylene Chlor	0	0
S0005	9	75354	Vinylid Chlorid	0	0
S0005	9	75694	TriClFluorMetha	0	0
S0005	9	76131	CFC-113	0	0
S0005	9	78875	1,2-DiClPropane	0	0
S0005	9	79005	1,1,2TriClEthan	0	0
S0005	9	79016	TCE	0	0
S0005	9	115071	Propylene	0	0
S0005	9	120127	Anthracene	0	0
S0005	9	120821	1,2,4TriClBenz	0	0
S0005	9	123911	1,4-Dioxane	0	0
S0005	9	127184	Perc	0	0
S0005	9	129000	Pyrene	0	0
S0005	9	191242	B[g,h,i]perylen	0	0
S0005	9	192972	B[e]pyrene	0	0
S0005	9	193395	In[1,2,3-cd]pyr	0	0
S0005	9	198550	Perylene	0	0
S0005	9	205992	B[b]fluoranthen	0	0
S0005	9	206440	Fluoranthene	0	0
S0005	9	207089	B[k]fluoranthen	0	0
S0005	9	208968	Acenaphthylene	0	0
S0005	9	218019	Chrysene	0	0
S0005	9	1330207	Xylenes	0	0
S0005	9	50000	Formaldehyde	0	0
S0005	9	50328	B[a]P	0	0
S0005	9	53703	D[a,h]anthracen	0	0
S0005	9	79345	TetraClEthane	0	0
S0005	9	83329	Acenaphthene	0	0
S0005	9	85018	Phenanthrene	0	0
S0005	9	86737	Fluorene	0	0
S0005	9	91203	Naphthalene	0	0
S0005	9	91576	2MeNaphthalene	0	0
S0005	9	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0005	9	100414	Ethyl Benzene	0	0
S0005	9	100425	Styrene	0	0
S0005	9	106467	p-DiClBenzene	0	0
S0005	9	106934	EDB	0	0
S0005	9	106990	1,3-Butadiene	0	0
S0005	9	107028	Acrolein	0	0
S0005	9	107062	EDC	0	0
S0005	9	108883	Toluene	0	0
S0005	9	108907	Chlorobenzn	0	0
S0005	9	1336363	PCBs	0	0
S0005	9	1746016	2,3,7,8-TCDD	0	0
S0005	9	3268879	1-8OctaCDD	0	0
S0005	9	7439921	Lead	0.33	3.77E-05
S0005	9	7439965	Manganese	0.456	5.21E-05
S0005	9	7439976	Mercury	0.00209	2.39E-07
S0005	9	7440020	Nickel	0.122	1.39E-05
S0005	9	7440382	Arsenic	0.129	1.47E-05
S0005	9	7440417	Beryllium	0.0214	2.44E-06
S0005	9	7440439	Cadmium	0	0
S0005	9	7440508	Copper	0.29	3.31E-05
S0005	9	7440666	Zinc	4.2	0.000479
S0005	9	7782492	Selenium	0.157	1.79E-05
S0005	9	7783064	H2S	0.0972	1.11E-05
S0005	9	18540299	Cr(VI)	0.00903	1.03E-06
S0005	9	19408743	1-3,7-9HxCDD	0	0
S0005	9	25321226	DiClBenzenes	0	0
S0005	9	35822469	1-4,6-8HpCDD	0	0
S0005	9	39001020	1-8OctaCDF	0	0
S0005	9	39227286	1-4,7,8HxCDD	0	0
S0005	9	40321764	1-3,7,8PeCDD	0	0
S0005	9	51207319	2,3,7,8-TCDF	0	0
S0005	9	55673897	1-4,7-9HpCDF	0	0
S0005	9	57117314	2-4,7,8PeCDF	0	0
S0005	9	57117416	1-3,7,8PeCDF	0	0
S0005	9	57117449	1-3,6-8HxCDF	0	0
S0005	9	57653857	1-3,6-8HxCDD	0	0
S0005	9	60851345	2-4,6-8HxCDF	0	0
S0005	9	67562394	1-4,6-8HpCDF	0	0
S0005	9	70648269	1-4,7,8HxCDF	0	0
S0005	9	72918219	1-3,7-9HxCDF	0	0
S0005	9	7440224	Silver	1.72	0.000196
S0005	9	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0006	10	56235	CCl4	0	0
S0006	10	56553	B[a]anthracene	0	0
S0006	10	67663	Chloroform	0	0
S0006	10	71432	Benzene	5.56	0.000635
S0006	10	74839	Methyl Bromide	0	0
S0006	10	74873	Methyl Chloride	0	0
S0006	10	75003	Ethyl Chloride	0	0
S0006	10	75014	Vinyl Chloride	0	0
S0006	10	75070	Acetaldehyde	0	0
S0006	10	75092	Methylene Chlor	0	0
S0006	10	75354	Vinylid Chlorid	0	0
S0006	10	75694	TriClFluorMetha	0	0
S0006	10	76131	CFC-113	0	0
S0006	10	78875	1,2-DiClPropane	0	0
S0006	10	79005	1,1,2TriClEthan	0	0
S0006	10	79016	TCE	0	0
S0006	10	115071	Propylene	0	0
S0006	10	120127	Anthracene	0	0
S0006	10	120821	1,2,4TriClBenz	0	0
S0006	10	123911	1,4-Dioxane	0	0
S0006	10	127184	Perc	0	0
S0006	10	129000	Pyrene	0	0
S0006	10	191242	B[g,h,i]perylen	0	0
S0006	10	192972	B[e]pyrene	0	0
S0006	10	193395	In[1,2,3-cd]pyr	0	0
S0006	10	198550	Perylene	0	0
S0006	10	205992	B[b]fluoranthen	0	0
S0006	10	206440	Fluoranthene	0	0
S0006	10	207089	B[k]fluoranthen	0	0
S0006	10	208968	Acenaphthylene	0	0
S0006	10	218019	Chrysene	0	0
S0006	10	1330207	Xylenes	0	0
S0006	10	50000	Formaldehyde	0	0
S0006	10	50328	B[a]P	0	0
S0006	10	53703	D[a,h]anthracen	0	0
S0006	10	79345	TetraClEthane	0	0
S0006	10	83329	Acenaphthene	0	0
S0006	10	85018	Phenanthrene	0	0
S0006	10	86737	Fluorene	0	0
S0006	10	91203	Naphthalene	0	0
S0006	10	91576	2MeNaphthalene	0	0
S0006	10	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0006	10	100414	Ethyl Benzene	0	0
S0006	10	100425	Styrene	0	0
S0006	10	106467	p-DiClBenzene	0	0
S0006	10	106934	EDB	0	0
S0006	10	106990	1,3-Butadiene	0	0
S0006	10	107028	Acrolein	0	0
S0006	10	107062	EDC	0	0
S0006	10	108883	Toluene	0	0
S0006	10	108907	Chlorobenzn	0	0
S0006	10	1336363	PCBs	0	0
S0006	10	1746016	2,3,7,8-TCDD	0	0
S0006	10	3268879	1-8OctaCDD	0	0
S0006	10	7439921	Lead	1.45	0.000166
S0006	10	7439965	Manganese	0.0719	8.21E-06
S0006	10	7439976	Mercury	0.0275	3.14E-06
S0006	10	7440020	Nickel	0.855	9.76E-05
S0006	10	7440382	Arsenic	0.114	1.30E-05
S0006	10	7440417	Beryllium	0.0145	1.66E-06
S0006	10	7440439	Cadmium	0.0251	2.86E-06
S0006	10	7440508	Copper	0.937	0.000107
S0006	10	7440666	Zinc	3.83	0.000437
S0006	10	7782492	Selenium	0.0871	9.94E-06
S0006	10	7783064	H2S	0.0972	1.11E-05
S0006	10	18540299	Cr(VI)	0.00104	1.19E-07
S0006	10	19408743	1-3,7-9HxCDD	0	0
S0006	10	25321226	DiClBenzenes	0	0
S0006	10	35822469	1-4,6-8HpCDD	0	0
S0006	10	39001020	1-8OctaCDF	0	0
S0006	10	39227286	1-4,7,8HxCDD	0	0
S0006	10	40321764	1-3,7,8PeCDD	0	0
S0006	10	51207319	2,3,7,8-TCDF	0	0
S0006	10	55673897	1-4,7-9HpCDF	0	0
S0006	10	57117314	2-4,7,8PeCDF	0	0
S0006	10	57117416	1-3,7,8PeCDF	0	0
S0006	10	57117449	1-3,6-8HxCDF	0	0
S0006	10	57653857	1-3,6-8HxCDD	0	0
S0006	10	60851345	2-4,6-8HxCDF	0	0
S0006	10	67562394	1-4,6-8HpCDF	0	0
S0006	10	70648269	1-4,7,8HxCDF	0	0
S0006	10	72918219	1-3,7-9HxCDF	0	0
S0006	10	7440224	Silver	0.028	3.20E-06
S0006	10	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0007	11	56235	CCl4	0	0
S0007	11	56553	B[a]anthracene	0	0
S0007	11	67663	Chloroform	0	0
S0007	11	71432	Benzene	6.99	0.000798
S0007	11	74839	Methyl Bromide	0	0
S0007	11	74873	Methyl Chloride	0	0
S0007	11	75003	Ethyl Chloride	0	0
S0007	11	75014	Vinyl Chloride	0	0
S0007	11	75070	Acetaldehyde	0	0
S0007	11	75092	Methylene Chlor	0	0
S0007	11	75354	Vinylid Chlorid	0	0
S0007	11	75694	TriClFluorMetha	0	0
S0007	11	76131	CFC-113	0	0
S0007	11	78875	1,2-DiClPropane	0	0
S0007	11	79005	1,1,2TriClEthan	0	0
S0007	11	79016	TCE	0	0
S0007	11	115071	Propylene	0	0
S0007	11	120127	Anthracene	0	0
S0007	11	120821	1,2,4TriClBenz	0	0
S0007	11	123911	1,4-Dioxane	0	0
S0007	11	127184	Perc	0	0
S0007	11	129000	Pyrene	0	0
S0007	11	191242	B[g,h,i]perylen	0	0
S0007	11	192972	B[e]pyrene	0	0
S0007	11	193395	In[1,2,3-cd]pyr	0	0
S0007	11	198550	Perylene	0	0
S0007	11	205992	B[b]fluoranthen	0	0
S0007	11	206440	Fluoranthene	0	0
S0007	11	207089	B[k]fluoranthen	0	0
S0007	11	208968	Acenaphthylene	0	0
S0007	11	218019	Chrysene	0	0
S0007	11	1330207	Xylenes	0	0
S0007	11	50000	Formaldehyde	0	0
S0007	11	50328	B[a]P	0	0
S0007	11	53703	D[a,h]anthracen	0	0
S0007	11	79345	TetraClEthane	0	0
S0007	11	83329	Acenaphthene	0	0
S0007	11	85018	Phenanthrene	0	0
S0007	11	86737	Fluorene	0	0
S0007	11	91203	Naphthalene	0	0
S0007	11	91576	2MeNaphthalene	0	0
S0007	11	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0007	11	100414	Ethyl Benzene	0	0
S0007	11	100425	Styrene	0	0
S0007	11	106467	p-DiClBenzene	0	0
S0007	11	106934	EDB	0	0
S0007	11	106990	1,3-Butadiene	0	0
S0007	11	107028	Acrolein	0	0
S0007	11	107062	EDC	0	0
S0007	11	108883	Toluene	0	0
S0007	11	108907	Chlorobenzn	0	0
S0007	11	1336363	PCBs	0	0
S0007	11	1746016	2,3,7,8-TCDD	0	0
S0007	11	3268879	1-8OctaCDD	0	0
S0007	11	7439921	Lead	0.152	1.74E-05
S0007	11	7439965	Manganese	0.75	8.56E-05
S0007	11	7439976	Mercury	0.00209	2.39E-07
S0007	11	7440020	Nickel	0.124	1.42E-05
S0007	11	7440382	Arsenic	0.037	4.22E-06
S0007	11	7440417	Beryllium	0	0
S0007	11	7440439	Cadmium	0	0
S0007	11	7440508	Copper	3.49	0.000399
S0007	11	7440666	Zinc	52.9	0.00604
S0007	11	7782492	Selenium	0.671	7.66E-05
S0007	11	7783064	H2S	0.0972	1.11E-05
S0007	11	18540299	Cr(VI)	0.0171	1.95E-06
S0007	11	19408743	1-3,7-9HxCDD	0	0
S0007	11	25321226	DiClBenzenes	0	0
S0007	11	35822469	1-4,6-8HpCDD	0	0
S0007	11	39001020	1-8OctaCDF	0	0
S0007	11	39227286	1-4,7,8HxCDD	0	0
S0007	11	40321764	1-3,7,8PeCDD	0	0
S0007	11	51207319	2,3,7,8-TCDF	0	0
S0007	11	55673897	1-4,7-9HpCDF	0	0
S0007	11	57117314	2-4,7,8PeCDF	0	0
S0007	11	57117416	1-3,7,8PeCDF	0	0
S0007	11	57117449	1-3,6-8HxCDF	0	0
S0007	11	57653857	1-3,6-8HxCDD	0	0
S0007	11	60851345	2-4,6-8HxCDF	0	0
S0007	11	67562394	1-4,6-8HpCDF	0	0
S0007	11	70648269	1-4,7,8HxCDF	0	0
S0007	11	72918219	1-3,7-9HxCDF	0	0
S0007	11	7440224	Silver	0	0
S0007	11	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0008	12	56235	CCl4	0	0
S0008	12	56553	B[a]anthracene	0	0
S0008	12	67663	Chloroform	0	0
S0008	12	71432	Benzene	3.43	0.000391
S0008	12	74839	Methyl Bromide	0	0
S0008	12	74873	Methyl Chloride	0	0
S0008	12	75003	Ethyl Chloride	0	0
S0008	12	75014	Vinyl Chloride	0	0
S0008	12	75070	Acetaldehyde	0	0
S0008	12	75092	Methylene Chlor	0	0
S0008	12	75354	Vinylid Chlorid	0	0
S0008	12	75694	TriClFluorMetha	0	0
S0008	12	76131	CFC-113	0	0
S0008	12	78875	1,2-DiClPropane	0	0
S0008	12	79005	1,1,2TriClEthan	0	0
S0008	12	79016	TCE	0	0
S0008	12	115071	Propylene	0	0
S0008	12	120127	Anthracene	0	0
S0008	12	120821	1,2,4TriClBenz	0	0
S0008	12	123911	1,4-Dioxane	0	0
S0008	12	127184	Perc	0	0
S0008	12	129000	Pyrene	0	0
S0008	12	191242	B[g,h,i]perylen	0	0
S0008	12	192972	B[e]pyrene	0	0
S0008	12	193395	In[1,2,3-cd]pyr	0	0
S0008	12	198550	Perylene	0	0
S0008	12	205992	B[b]fluoranthen	0	0
S0008	12	206440	Fluoranthene	0	0
S0008	12	207089	B[k]fluoranthen	0	0
S0008	12	208968	Acenaphthylene	0	0
S0008	12	218019	Chrysene	0	0
S0008	12	1330207	Xylenes	0	0
S0008	12	50000	Formaldehyde	0	0
S0008	12	50328	B[a]P	0	0
S0008	12	53703	D[a,h]anthracen	0	0
S0008	12	79345	TetraClEthane	0	0
S0008	12	83329	Acenaphthene	0	0
S0008	12	85018	Phenanthrene	0	0
S0008	12	86737	Fluorene	0	0
S0008	12	91203	Naphthalene	0	0
S0008	12	91576	2MeNaphthalene	0	0
S0008	12	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0008	12	100414	Ethyl Benzene	0	0
S0008	12	100425	Styrene	0	0
S0008	12	106467	p-DiClBenzene	0	0
S0008	12	106934	EDB	0	0
S0008	12	106990	1,3-Butadiene	0	0
S0008	12	107028	Acrolein	0	0
S0008	12	107062	EDC	0	0
S0008	12	108883	Toluene	0	0
S0008	12	108907	Chlorobenzn	0	0
S0008	12	1336363	PCBs	0	0
S0008	12	1746016	2,3,7,8-TCDD	0	0
S0008	12	3268879	1-8OctaCDD	0	0
S0008	12	7439921	Lead	0.195	2.23E-05
S0008	12	7439965	Manganese	0.159	1.82E-05
S0008	12	7439976	Mercury	0.00209	2.39E-07
S0008	12	7440020	Nickel	0.158	1.80E-05
S0008	12	7440382	Arsenic	0.104	1.19E-05
S0008	12	7440417	Beryllium	0.00864	9.86E-07
S0008	12	7440439	Cadmium	0	0
S0008	12	7440508	Copper	3.99	0.000456
S0008	12	7440666	Zinc	1.59	0.000181
S0008	12	7782492	Selenium	0.399	4.55E-05
S0008	12	7783064	H2S	0.0972	1.11E-05
S0008	12	18540299	Cr(VI)	0.00335	3.82E-07
S0008	12	19408743	1-3,7-9HxCDD	0	0
S0008	12	25321226	DiClBenzenes	0	0
S0008	12	35822469	1-4,6-8HpCDD	0	0
S0008	12	39001020	1-8OctaCDF	0	0
S0008	12	39227286	1-4,7,8HxCDD	0	0
S0008	12	40321764	1-3,7,8PeCDD	0	0
S0008	12	51207319	2,3,7,8-TCDF	0	0
S0008	12	55673897	1-4,7-9HpCDF	0	0
S0008	12	57117314	2-4,7,8PeCDF	0	0
S0008	12	57117416	1-3,7,8PeCDF	0	0
S0008	12	57117449	1-3,6-8HxCDF	0	0
S0008	12	57653857	1-3,6-8HxCDD	0	0
S0008	12	60851345	2-4,6-8HxCDF	0	0
S0008	12	67562394	1-4,6-8HpCDF	0	0
S0008	12	70648269	1-4,7,8HxCDF	0	0
S0008	12	72918219	1-3,7-9HxCDF	0	0
S0008	12	7440224	Silver	0.0173	1.97E-06
S0008	12	7440360	Antimony	0.034	3.88E-06

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0009	13	56235	CCl4	0	0
S0009	13	56553	B[a]anthracene	0	0
S0009	13	67663	Chloroform	0	0
S0009	13	71432	Benzene	3.47	0.000396
S0009	13	74839	Methyl Bromide	0	0
S0009	13	74873	Methyl Chloride	0	0
S0009	13	75003	Ethyl Chloride	0	0
S0009	13	75014	Vinyl Chloride	0	0
S0009	13	75070	Acetaldehyde	0	0
S0009	13	75092	Methylene Chlor	0	0
S0009	13	75354	Vinylid Chlorid	0	0
S0009	13	75694	TriClFluorMetha	0	0
S0009	13	76131	CFC-113	0	0
S0009	13	78875	1,2-DiClPropane	0	0
S0009	13	79005	1,1,2TriClEthan	0	0
S0009	13	79016	TCE	0	0
S0009	13	115071	Propylene	0	0
S0009	13	120127	Anthracene	0	0
S0009	13	120821	1,2,4TriClBenz	0	0
S0009	13	123911	1,4-Dioxane	0	0
S0009	13	127184	Perc	0	0
S0009	13	129000	Pyrene	0	0
S0009	13	191242	B[g,h,i]perylen	0	0
S0009	13	192972	B[e]pyrene	0	0
S0009	13	193395	In[1,2,3-cd]pyr	0	0
S0009	13	198550	Perylene	0	0
S0009	13	205992	B[b]fluoranthen	0	0
S0009	13	206440	Fluoranthene	0	0
S0009	13	207089	B[k]fluoranthen	0	0
S0009	13	208968	Acenaphthylene	0	0
S0009	13	218019	Chrysene	0	0
S0009	13	1330207	Xylenes	0	0
S0009	13	50000	Formaldehyde	0	0
S0009	13	50328	B[a]P	0	0
S0009	13	53703	D[a,h]anthracen	0	0
S0009	13	79345	TetraClEthane	0	0
S0009	13	83329	Acenaphthene	0	0
S0009	13	85018	Phenanthrene	0	0
S0009	13	86737	Fluorene	0	0
S0009	13	91203	Naphthalene	0	0
S0009	13	91576	2MeNaphthalene	0	0
S0009	13	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0009	13	100414	Ethyl Benzene	0	0
S0009	13	100425	Styrene	0	0
S0009	13	106467	p-DiClBenzene	0	0
S0009	13	106934	EDB	0	0
S0009	13	106990	1,3-Butadiene	0	0
S0009	13	107028	Acrolein	0	0
S0009	13	107062	EDC	0	0
S0009	13	108883	Toluene	0	0
S0009	13	108907	Chlorobenzn	0	0
S0009	13	1336363	PCBs	0	0
S0009	13	1746016	2,3,7,8-TCDD	0	0
S0009	13	3268879	1-8OctaCDD	0	0
S0009	13	7439921	Lead	0.079	9.02E-06
S0009	13	7439965	Manganese	2.79	0.000318
S0009	13	7439976	Mercury	0.00209	2.39E-07
S0009	13	7440020	Nickel	0.207	2.36E-05
S0009	13	7440382	Arsenic	0.202	2.31E-05
S0009	13	7440417	Beryllium	0	0
S0009	13	7440439	Cadmium	0	0
S0009	13	7440508	Copper	2.57	0.000293
S0009	13	7440666	Zinc	47.7	0.00545
S0009	13	7782492	Selenium	0	0
S0009	13	7783064	H2S	0.0972	1.11E-05
S0009	13	18540299	Cr(VI)	0.00945	1.08E-06
S0009	13	19408743	1-3,7-9HxCDD	0	0
S0009	13	25321226	DiClBenzenes	0	0
S0009	13	35822469	1-4,6-8HpCDD	0	0
S0009	13	39001020	1-8OctaCDF	0	0
S0009	13	39227286	1-4,7,8HxCDD	0	0
S0009	13	40321764	1-3,7,8PeCDD	0	0
S0009	13	51207319	2,3,7,8-TCDF	0	0
S0009	13	55673897	1-4,7-9HpCDF	0	0
S0009	13	57117314	2-4,7,8PeCDF	0	0
S0009	13	57117416	1-3,7,8PeCDF	0	0
S0009	13	57117449	1-3,6-8HxCDF	0	0
S0009	13	57653857	1-3,6-8HxCDD	0	0
S0009	13	60851345	2-4,6-8HxCDF	0	0
S0009	13	67562394	1-4,6-8HpCDF	0	0
S0009	13	70648269	1-4,7,8HxCDF	0	0
S0009	13	72918219	1-3,7-9HxCDF	0	0
S0009	13	7440224	Silver	0	0
S0009	13	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0010	14	56235	CCl4	0	0
S0010	14	56553	B[a]anthracene	0	0
S0010	14	67663	Chloroform	0	0
S0010	14	71432	Benzene	1.73	0.000197
S0010	14	74839	Methyl Bromide	0	0
S0010	14	74873	Methyl Chloride	0	0
S0010	14	75003	Ethyl Chloride	0	0
S0010	14	75014	Vinyl Chloride	0	0
S0010	14	75070	Acetaldehyde	0	0
S0010	14	75092	Methylene Chlor	0	0
S0010	14	75354	Vinylid Chlorid	0	0
S0010	14	75694	TriClFluorMetha	0	0
S0010	14	76131	CFC-113	0	0
S0010	14	78875	1,2-DiClPropane	0	0
S0010	14	79005	1,1,2TriClEthan	0	0
S0010	14	79016	TCE	0	0
S0010	14	115071	Propylene	0	0
S0010	14	120127	Anthracene	0	0
S0010	14	120821	1,2,4TriClBenz	0	0
S0010	14	123911	1,4-Dioxane	0	0
S0010	14	127184	Perc	0	0
S0010	14	129000	Pyrene	0	0
S0010	14	191242	B[g,h,i]perylen	0	0
S0010	14	192972	B[e]pyrene	0	0
S0010	14	193395	In[1,2,3-cd]pyr	0	0
S0010	14	198550	Perylene	0	0
S0010	14	205992	B[b]fluoranthen	0	0
S0010	14	206440	Fluoranthene	0	0
S0010	14	207089	B[k]fluoranthen	0	0
S0010	14	208968	Acenaphthylene	0	0
S0010	14	218019	Chrysene	0	0
S0010	14	1330207	Xylenes	0	0
S0010	14	50000	Formaldehyde	0	0
S0010	14	50328	B[a]P	0	0
S0010	14	53703	D[a,h]anthracen	0	0
S0010	14	79345	TetraClEthane	0	0
S0010	14	83329	Acenaphthene	0	0
S0010	14	85018	Phenanthrene	0	0
S0010	14	86737	Fluorene	0	0
S0010	14	91203	Naphthalene	0	0
S0010	14	91576	2MeNaphthalene	0	0
S0010	14	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0010	14	100414	Ethyl Benzene	0	0
S0010	14	100425	Styrene	0	0
S0010	14	106467	p-DiClBenzene	0	0
S0010	14	106934	EDB	0	0
S0010	14	106990	1,3-Butadiene	0	0
S0010	14	107028	Acrolein	0	0
S0010	14	107062	EDC	0	0
S0010	14	108883	Toluene	0	0
S0010	14	108907	Chlorobenzn	0	0
S0010	14	1336363	PCBs	0	0
S0010	14	1746016	2,3,7,8-TCDD	0	0
S0010	14	3268879	1-8OctaCDD	0	0
S0010	14	7439921	Lead	0.0876	1.00E-05
S0010	14	7439965	Manganese	0	0
S0010	14	7439976	Mercury	0	0
S0010	14	7440020	Nickel	0.249	2.84E-05
S0010	14	7440382	Arsenic	0	0
S0010	14	7440417	Beryllium	0	0
S0010	14	7440439	Cadmium	0	0
S0010	14	7440508	Copper	0	0
S0010	14	7440666	Zinc	0	0
S0010	14	7782492	Selenium	0	0
S0010	14	7783064	H2S	0	0
S0010	14	18540299	Cr(VI)	0	0
S0010	14	19408743	1-3,7-9HxCDD	0	0
S0010	14	25321226	DiClBenzenes	0	0
S0010	14	35822469	1-4,6-8HpCDD	0	0
S0010	14	39001020	1-8OctaCDF	0	0
S0010	14	39227286	1-4,7,8HxCDD	0	0
S0010	14	40321764	1-3,7,8PeCDD	0	0
S0010	14	51207319	2,3,7,8-TCDF	0	0
S0010	14	55673897	1-4,7-9HpCDF	0	0
S0010	14	57117314	2-4,7,8PeCDF	0	0
S0010	14	57117416	1-3,7,8PeCDF	0	0
S0010	14	57117449	1-3,6-8HxCDF	0	0
S0010	14	57653857	1-3,6-8HxCDD	0	0
S0010	14	60851345	2-4,6-8HxCDF	0	0
S0010	14	67562394	1-4,6-8HpCDF	0	0
S0010	14	70648269	1-4,7,8HxCDF	0	0
S0010	14	72918219	1-3,7-9HxCDF	0	0
S0010	14	7440224	Silver	0	0
S0010	14	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0011	15	56235	CCl4	0	0
S0011	15	56553	B[a]anthracene	0	0
S0011	15	67663	Chloroform	0	0
S0011	15	71432	Benzene	2.43	0.000277
S0011	15	74839	Methyl Bromide	0	0
S0011	15	74873	Methyl Chloride	0	0
S0011	15	75003	Ethyl Chloride	0	0
S0011	15	75014	Vinyl Chloride	0	0
S0011	15	75070	Acetaldehyde	0	0
S0011	15	75092	Methylene Chlor	0	0
S0011	15	75354	Vinylid Chlorid	0	0
S0011	15	75694	TriClFluorMetha	0	0
S0011	15	76131	CFC-113	0	0
S0011	15	78875	1,2-DiClPropane	0	0
S0011	15	79005	1,1,2TriClEthan	0	0
S0011	15	79016	TCE	0	0
S0011	15	115071	Propylene	0	0
S0011	15	120127	Anthracene	0	0
S0011	15	120821	1,2,4TriClBenz	0	0
S0011	15	123911	1,4-Dioxane	0	0
S0011	15	127184	Perc	0	0
S0011	15	129000	Pyrene	0	0
S0011	15	191242	B[g,h,i]perylen	0	0
S0011	15	192972	B[e]pyrene	0	0
S0011	15	193395	In[1,2,3-cd]pyr	0	0
S0011	15	198550	Perylene	0	0
S0011	15	205992	B[b]fluoranthen	0	0
S0011	15	206440	Fluoranthene	0	0
S0011	15	207089	B[k]fluoranthen	0	0
S0011	15	208968	Acenaphthylene	0	0
S0011	15	218019	Chrysene	0	0
S0011	15	1330207	Xylenes	0	0
S0011	15	50000	Formaldehyde	0	0
S0011	15	50328	B[a]P	0	0
S0011	15	53703	D[a,h]anthracen	0	0
S0011	15	79345	TetraClEthane	0	0
S0011	15	83329	Acenaphthene	0	0
S0011	15	85018	Phenanthrene	0	0
S0011	15	86737	Fluorene	0	0
S0011	15	91203	Naphthalene	0	0
S0011	15	91576	2MeNaphthalene	0	0
S0011	15	95476	o-Xylene	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0011	15	100414	Ethyl Benzene	0	0
S0011	15	100425	Styrene	0	0
S0011	15	106467	p-DiClBenzene	0	0
S0011	15	106934	EDB	0	0
S0011	15	106990	1,3-Butadiene	0	0
S0011	15	107028	Acrolein	0	0
S0011	15	107062	EDC	0	0
S0011	15	108883	Toluene	0	0
S0011	15	108907	Chlorobenzn	0	0
S0011	15	1336363	PCBs	0	0
S0011	15	1746016	2,3,7,8-TCDD	0	0
S0011	15	3268879	1-8OctaCDD	0	0
S0011	15	7439921	Lead	0.2	2.23E-05
S0011	15	7439965	Manganese	0	0
S0011	15	7439976	Mercury	0	0
S0011	15	7440020	Nickel	0.18	2.05E-05
S0011	15	7440382	Arsenic	0.19	2.17E-05
S0011	15	7440417	Beryllium	0	0
S0011	15	7440439	Cadmium	0	0
S0011	15	7440508	Copper	0	0
S0011	15	7440666	Zinc	0	0
S0011	15	7782492	Selenium	0	0
S0011	15	7783064	H2S	0	0
S0011	15	18540299	Cr(VI)	0	0
S0011	15	19408743	1-3,7-9HxCDD	0	0
S0011	15	25321226	DiClBenzenes	0	0
S0011	15	35822469	1-4,6-8HpCDD	0	0
S0011	15	39001020	1-8OctaCDF	0	0
S0011	15	39227286	1-4,7,8HxCDD	0	0
S0011	15	40321764	1-3,7,8PeCDD	0	0
S0011	15	51207319	2,3,7,8-TCDF	0	0
S0011	15	55673897	1-4,7-9HpCDF	0	0
S0011	15	57117314	2-4,7,8PeCDF	0	0
S0011	15	57117416	1-3,7,8PeCDF	0	0
S0011	15	57117449	1-3,6-8HxCDF	0	0
S0011	15	57653857	1-3,6-8HxCDD	0	0
S0011	15	60851345	2-4,6-8HxCDF	0	0
S0011	15	67562394	1-4,6-8HpCDF	0	0
S0011	15	70648269	1-4,7,8HxCDF	0	0
S0011	15	72918219	1-3,7-9HxCDF	0	0
S0011	15	7440224	Silver	0	0
S0011	15	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0012	23	56235	CCl4	0	0
S0012	23	56553	B[a]anthracene	0	0
S0012	23	67663	Chloroform	0	0
S0012	23	71432	Benzene	75.12	0.0103
S0012	23	74839	Methyl Bromide	0	0.0069
S0012	23	74873	Methyl Chloride	0	0.00345
S0012	23	75003	Ethyl Chloride	0	0.00517
S0012	23	75014	Vinyl Chloride	27.59	0.00378
S0012	23	75070	Acetaldehyde	711.75	0.102
S0012	23	75092	Methylene Chlor	0	0
S0012	23	75354	Vinylid Chlorid	0	0.00613
S0012	23	75694	TriClFluorMetha	0	0.00345
S0012	23	76131	CFC-113	0	0.00517
S0012	23	78875	1,2-DiClPropane	0	0.00345
S0012	23	79005	1,1,2TriClEthan	0	0
S0012	23	79016	TCE	0	0
S0012	23	115071	Propylene	0	0.00772
S0012	23	120127	Anthracene	0	6.73E-07
S0012	23	120821	1,2,4TriClBenz	0	0.00517
S0012	23	123911	1,4-Dioxane	0	0
S0012	23	127184	Perc	0	0
S0012	23	129000	Pyrene	0.29	4.06E-05
S0012	23	191242	B[g,h,i]perylen	0	0
S0012	23	192972	B[e]pyrene	0	0
S0012	23	193395	In[1,2,3-cd]pyr	0	0
S0012	23	198550	Perylene	0	0
S0012	23	205992	B[b]fluoranthen	0	0
S0012	23	206440	Fluoranthene	0.62	8.69E-05
S0012	23	207089	B[k]fluoranthen	0	0
S0012	23	208968	Acenaphthylene	0.17	2.40E-05
S0012	23	218019	Chrysene	0.1	1.46E-05
S0012	23	1330207	Xylenes	93.08	0.0128
S0012	23	50000	Formaldehyde	746.79	0.107
S0012	23	50328	B[a]P	0	0
S0012	23	53703	D[a,h]anthracen	0	0
S0012	23	79345	TetraClEthane	148.04	0.0203
S0012	23	83329	Acenaphthene	0.13	1.84E-05
S0012	23	85018	Phenanthrene	41.17	0.0058
S0012	23	86737	Fluorene	0.6	8.45E-05
S0012	23	91203	Naphthalene	117.38	0.0167
S0012	23	91576	2MeNaphthalene	11.78	0.00166
S0012	23	95476	o-Xylene	46.43	0.00639

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0012	23	100414	Ethyl Benzene	46.43	0.00639
S0012	23	100425	Styrene	90.89	0.0125
S0012	23	106467	p-DiClBenzene	0	0
S0012	23	106934	EDB	82.56	0.0113
S0012	23	106990	1,3-Butadiene	5.43	0.000746
S0012	23	107028	Acrolein	0	0
S0012	23	107062	EDC	0	0
S0012	23	108883	Toluene	80.37	0.011
S0012	23	108907	Chlorobenzn	48.62	0.00668
S0012	23	1336363	PCBs	0.25	3.45E-05
S0012	23	1746016	2,3,7,8-TCDD	8.12E-07	1.15E-10
S0012	23	3268879	1-8OctaCDD	1.15E-06	1.64E-10
S0012	23	7439921	Lead	2.086875333	0.000238
S0012	23	7439965	Manganese	0.33	4.69E-05
S0012	23	7439976	Mercury	14.39	0.00187
S0012	23	7440020	Nickel	0.28	3.88E-05
S0012	23	7440382	Arsenic	6.5	0.000742
S0012	23	7440417	Beryllium	0	0
S0012	23	7440439	Cadmium	0.35	4.81E-05
S0012	23	7440508	Copper	0.38	5.30E-05
S0012	23	7440666	Zinc	1.89	0.000265
S0012	23	7782492	Selenium	2.45	0.000347
S0012	23	7783064	H2S	580.35	0.0754
S0012	23	18540299	Cr(VI)	0.04	4.93E-06
S0012	23	19408743	1-3,7-9HxCDD	0	0
S0012	23	25321226	DiClBenzenes	0	0.0155
S0012	23	35822469	1-4,6-8HpCDD	0	0
S0012	23	39001020	1-8OctaCDF	8.94E-07	1.27E-10
S0012	23	39227286	1-4,7,8HxCDD	0	0
S0012	23	40321764	1-3,7,8PeCDD	0	0
S0012	23	51207319	2,3,7,8-TCDF	0.000109	1.54E-08
S0012	23	55673897	1-4,7-9HpCDF	0	0
S0012	23	57117314	2-4,7,8PeCDF	8.30E-06	1.17E-09
S0012	23	57117416	1-3,7,8PeCDF	1.47E-05	2.06E-09
S0012	23	57117449	1-3,6-8HxCDF	6.72E-07	9.56E-11
S0012	23	57653857	1-3,6-8HxCDD	0	0
S0012	23	60851345	2-4,6-8HxCDF	4.42E-07	6.31E-11
S0012	23	67562394	1-4,6-8HpCDF	4.91E-07	6.96E-11
S0012	23	70648269	1-4,7,8HxCDF	1.38E-06	1.95E-10
S0012	23	72918219	1-3,7-9HxCDF	0	0
S0012	23	7440224	Silver	0	0
S0012	23	7440360	Antimony	0	0

Source ID	Stack	CAS	Chemcial	Emissions (lbs/year)	Emissions (lbs/hour)
S0013	0	7439921	Lead	10.7	0.00122
S0013	0	7440382	Arsenic	0.14	1.60E-05