

## DOCKETED

<b>Docket Number:</b>	12-AFC-03
<b>Project Title:</b>	Redondo Beach Energy Project
<b>TN #:</b>	205093
<b>Document Title:</b>	Data Response Set 1D
<b>Description:</b>	N/A
<b>Filer:</b>	Jerry Salamy
<b>Organization:</b>	CH2M HILL
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	6/19/2015 11:51:32 AM
<b>Docketed Date:</b>	6/19/2015



CH2M HILL  
2485 Natomas Park Drive  
Suite 600  
Sacramento, CA  
95833-2937  
Tel: 916.920.0300  
Fax: 916.920.8463

June 19, 2015

Mr. Keith Winstead  
Project Manager  
California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814-5512

Subject: Redondo Beach Energy Project (12-AFC-03)  
Data Response Set 1D – Responses to CEC Staff Data Requests 11–13

Dear Mr. Winstead:

Attached please find the Redondo Beach Energy Project's Data Response Set 1D, including responses to Data Requests 11–13. This Data Response Set was prepared in response to California Energy Commission Staff Data Requests 1 through 47 for the Application for Certification for the Redondo Beach Energy Project (12-AFC-03) dated October 15, 2013.

Also provided is five electronic copies of Attachment DR12 on CD-ROM. Additional electronic copies are available upon request. If you have any questions about this matter, please contact me at (916) 286-0207.

Sincerely,

CH2M HILL

A handwritten signature in black ink, appearing to read "Jerry Salamy".

Jerry Salamy  
AFC Project Manager

Attachment

cc: S. O'Kane, AES  
G. Wheatland, ESH  
C. Salazar, CH2M HILL

---

# Redondo Beach Energy Project

(12-AFC-03)

## Data Responses, Set 1D (Revised Responses to Data Requests 11 – 13)

Submitted to  
**California Energy Commission**

Prepared by  
**AES Southland Development, LLC**

With Assistance from

**CH2MHILL®**

2485 Natomas Park Drive  
Suite 600  
Sacramento, CA 95833

June 19, 2015

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## **Attachments (provided at the end of their respective sections)**

DR11-1R	Additional SCAQMD Correspondence for Cumulative Sources
DR12-1R	Refined Source List and Modeling Parameters for Cumulative Air Quality Impact Analysis

# Introduction

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Attached are AES Southland Development, LLC's (AES or the Applicant) revised responses to the California Energy Commission (CEC) Data Request, Set 1D (numbers 11 – 13) regarding the Redondo Beach Energy Project (RBEP) Application for Certification (AFC; 12-AFC-03). Note that the preliminary data responses were submitted to the CEC on November 12, 2013.

The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as the CEC presented them and are keyed to the Data Request number (11 – 13).

New or revised graphics or tables are numbered in reference to the Data Request number. For example, the first table used in response to Data Request 11 would be numbered Table DR11-1. The first figure used in response to Data Request 12 would be numbered Figure DR12-1, and so on. Figures or tables from the RBEP AFC or subsequent submissions that have been revised have "R" following the original number, indicating a revision.

Additional tables, figures, or documents submitted in response to a data request (for example, supporting data, standalone documents such as plans, folding graphics, etc.) are found at the end of each discipline-specific section and are not sequentially page-numbered consistently with the remainder of the document, though they may have their own internal page numbering system.

# Air Quality (11–13)

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## Cumulative Impacts: Background

Section 5.1.7 and Appendix 5.1 F, Section 8, of the AFC, describe the methodology for the cumulative effects analysis, but the AFC does not include the analysis because a project list had not been provided by the District at the time the AFC was prepared. The cumulative analysis should include all reasonably foreseeable projects within a six mile radius, i.e. projects that have received construction permits but are not yet operational, and those that are in the permitting process or can be reasonably expected to be in permitting in the near future. A complete impacts analysis should identify all existing and planned stationary sources that affect the baseline conditions and consider them in the modeling effort.

### DATA REQUEST

11. Please provide a copy of the applicant's correspondence to and from the District regarding existing and planned cumulative sources located within six miles of the project site.

**Response:** Attachment DR11-1R includes a copy of the Applicant's additional correspondence with the South Coast Air Quality Management District (SCAQMD), regarding existing and planned cumulative sources located within six miles of the project, since submission of the Applicant's preliminary data responses on November 12, 2013. This additional correspondence was intended to obtain specific source information necessary for modeling the applicable cumulative sources that was not successfully obtained through prior public records request efforts.

### DATA REQUEST

12. Please provide a list of all sources to be considered in the cumulative air quality impact analysis for staff review and approval.

**Response:** On November 12, 2013, the Applicant submitted a list of sources being considered for inclusion in the cumulative air quality impact analysis. Since that submittal, the Applicant has refined the source list using several criteria, as specified below and demonstrated in Attachment DR12-1R Tables 1, 2, and 3:

- Facilities with a total potential to emit (PTE) less than 5 tons per year (tpy) were removed, based on the assumption that any new sources (individual emission units) permitted would also not emit more than 5 tpy.<sup>1</sup> This determination was made based on historical facility emissions, as reported through SCAQMD's Annual Emission Reporting (AER) program and obtained from the SCAQMD's Facility Information Detail (FIND) Database. Facilities for which AER data were unavailable were assumed to emit less than the AER reporting limit of 4 tpy of nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), or particulate matter (PM).
- Facilities that submitted permit applications to the SCAQMD between January 2006 and May 2013 with an expected PTE less than 5 tpy of NO<sub>x</sub>, carbon monoxide (CO), SO<sub>2</sub>, or PM were removed, consistent with the screening threshold described above. If emissions data were not available, assumptions were made regarding the type of sources permitted and their likelihood of emitting more than 5 tpy.

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<sup>1</sup> A PTE of 5 tpy is the threshold set by the CEC for sources to be included in the cumulative air quality impact analysis.

- Facilities that submitted permit applications to the SCAQMD between January 2006 and May 2013 with an expected PTE greater than 5 tpy of NO<sub>x</sub>, CO, SO<sub>2</sub>, or PM are being proposed for inclusion in the cumulative air quality impact analysis.

Facilities that passed the screening criteria described above were further evaluated at the source level. The Applicant submitted numerous public records requests to the SCAQMD in an attempt to obtain clarification regarding the intent of each relevant permit application and/or modification and data about the sources themselves. Through this research, sources expected to contribute to an emissions increase at the facilities are being proposed for inclusion in the cumulative air quality impact analysis. For instances where modeling parameters were not successfully obtained through the SCAQMD's public records request process, assumptions were made based on good engineering judgment, parameters for similarly sized sources, and/or direct correspondence with facility personnel.

Attachment DR12-1R Table 4 presents a revised list of sources, and associated modeling parameters, considered for inclusion in the cumulative air quality impact analysis. Refer to the 'Notes' column of this table for details regarding the source of data collected and relevant assumptions. Files from which data were obtained have been included with this submission on compact disc.

### DATA REQUEST

13. Upon approval of the list of sources to be included in the cumulative air quality impact analysis, please provide the cumulative modeling and impact analysis.

**Response:** Once the list of sources, and associated modeling parameters, contained in Attachment DR12-1R Table 4 is approved by CEC Staff, the Applicant will provide the cumulative modeling and impact analysis within 20 business days of receipt of approval.

**Attachment DR11-1R  
Additional SCAQMD Correspondence for  
Cumulative Sources**

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**South Coast**  
**Air Quality Management District**  
 21865 Copley Drive, Diamond Bar, CA 91765-4178  
 (909) 396-2000 • www.aqmd.gov

Information Management  
 Public Records Unit

Direct Dial: (909) 396-3700  
 FAX: (909) 396-3330

**PUBLIC RECORDS REQUEST FORM**

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**ATTENTION REQUESTOR:** To expedite your request for District records, please fill out this form completely, and identify specifically the type of records you are requesting. Please limit your request to one facility or one site address for each request form filed, and three requested items per form. Additional forms or pages can be used if requesting information for more than one facility or for records not identified on this form. Requests should reasonably describe identifiable records prepared, owned, used, or retained by the District. Public Records Unit staff is available to assist you in identifying those records in the District's possession. The District is not required by law to create a new record or list from an existing record.

**REQUESTOR INFORMATION**

NAME: Beth Smoker	DATE: 02/05/2014
COMPANY: CH2M Hill	
MAILING ADDRESS: 2485 Natomas Park Dr.	
CITY: Sacramento	STATE: CA ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463
EMAIL ADDRESS: Beth.Smoker @ch2m.com	

**REQUESTED RECORDS (3 items per form )**

<input type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
<input type="checkbox"/> Notices of Violation (NOV)	<input type="checkbox"/> Source Test Reports (S/T RPTS)	<input type="checkbox"/> Toxic-Health Risk Assessment (HRA)
<input type="checkbox"/> Notices to Comply (N/C)	<input type="checkbox"/> Air Monitoring Data	<input checked="" type="checkbox"/> Other (describe below or on additional pages):
Please send electronic copies of ALL Title V permits (i.e. renewals, revisions, etc) from year 2006 to present for the Chevron Products Facility, ID 800030		
TIME PERIOD OF DOCUMENTS REQUESTED From: To:		

**REQUESTED FACILITY INFORMATION (If Applicable)**

FACILITY NAME: CHEVRON PRODUCTS CO	
FACILITY ADDRESS: 324 W. El Segundo Blvd	
CITY: El Segundo	STATE: CA ZIP CODE: 90245
FACILITY I.D. NO. (if known): 800030	APPL. AND/OR PERMIT NO. (if known):

*Direct cost of duplication: \$.15 per page for paper copies (first 10 pages free) and \$5.00 per copied audio tape. No charge for copied Diskettes or CDs. Transfer of gathered electronic records onto CD or Diskette typically costs \$10.00 each, but costs will vary (see Instructions for Requesting Records).*

- I wish to inspect the requested records, where applicable, or receive the requested records electronically at no charge. I do not want copies produced at this time.
- I request that the SCAQMD contact me prior to copying the requested records if the cost exceeds \$20.00.
- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

*Beth Smoker*

Signature of Requestor

Note: After a preliminary estimate, advance payment may be required.



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NAME: Beth Smoker	DATE: 02/05/2014
COMPANY: CH2M Hill	
MAILING ADDRESS: 2485 Natomas Park Dr.	
CITY: Sacramento	STATE: CA ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463
EMAIL ADDRESS: Beth.Smoker @ch2m.com	

**REQUESTED RECORDS (3 items per form )**

<input type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
<input type="checkbox"/> Notices of Violation (NOV)	<input type="checkbox"/> Source Test Reports (S/T RPTS)	<input type="checkbox"/> Toxic-Health Risk Assessment (HRA)
<input type="checkbox"/> Notices to Comply (N/C)	<input type="checkbox"/> Air Monitoring Data	<input checked="" type="checkbox"/> Other (describe below or on additional pages):
Please send electronic copies of ALL Title V permits (i.e. renewals, revisions, etc) from year 2006 to present for the Exxon Mobil Facility ID 800089		
TIME PERIOD OF DOCUMENTS REQUESTED From: To:		

**REQUESTED FACILITY INFORMATION (If Applicable)**

FACILITY NAME: EXXONMOBIL OIL CORPORATION		
FACILITY ADDRESS: 3700 W. 190th St		
CITY: Torrance	STATE: CA	ZIP CODE: 90504
FACILITY I.D. NO. (if known): 800089	APPL. AND/OR PERMIT NO. (if known):	

*Direct cost of duplication: \$.15 per page for paper copies (first 10 pages free) and \$5.00 per copied audio tape. No charge for copied Diskettes or CDs. Transfer of gathered electronic records onto CD or Diskette typically costs \$10.00 each, but costs will vary (see Instructions for Requesting Records).*

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- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

*Beth Smoker*

Signature of Requestor

Note: After a preliminary estimate, advance payment may be required.

**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Tuesday, February 11, 2014 1:20:52 PM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75474  
Request: FACILITY TITLE V PERMIT FOR EXXONMOBIL FAC ID 800089 AT 3700 W. 190TH ST., TORRANCE, CA 90504. PLEASE INCLUDE ALL RENEWALS, REVISIONS, ETC FROM 2006 TO PRESENT.

Your request for records has been received by the Public Records Unit and has been assigned for processing.

Your request in whole or in part, seeks disclosable public records that are in the possession of this agency.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

JACOB ALLEN

For Colleen Paine  
Public Records Coordinator

**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Tuesday, February 11, 2014 1:20:53 PM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75475  
Request: FACILITY TITLE V PERMIT FOR CHEVRON FAC ID 800030 AT 324 W. EL SEGUNDO BLVD., EL SEGUNDO, CA 90245. PLEASE INCLUDE ALL RENEWALS, REVISIONS, ETC FROM 2006 TO PRESENT.

Your request for records has been recieved by the Public Records Unit and has been assigned for processing.

Your request in whole or in part, seeks disclosable public records that are in the possession of this agency.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

JACOB ALLEN

For Colleen Paine  
Public Records Coordinator



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**REQUESTOR INFORMATION**

NAME: Beth Smoker	DATE: 02/28/2014
COMPANY: CH2M Hill	
MAILING ADDRESS: 2485 Natomas Park Dr.	
CITY: Sacramento	STATE: CA ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463
EMAIL ADDRESS: Beth.Smoker @ch2m.com	

**REQUESTED RECORDS (3 items per form )**

<input type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input checked="" type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
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Please provide air modeling parameters for permit modifications or new permits issued from year 2006 to present for the Chevron Products Facility, ID 800030. This request is specifically for Jillian Baker/SCAQMD.		
TIME PERIOD OF DOCUMENTS REQUESTED From:2006 To:Present		

**REQUESTED FACILITY INFORMATION (If Applicable)**

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CITY: El Segundo	STATE: CA ZIP CODE: 90245
FACILITY I.D. NO. (if known): 800030	APPL. AND/OR PERMIT NO. (if known):

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COMPANY: CH2M Hill		
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EMAIL ADDRESS: Beth.Smoker @ch2m.com		

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TIME PERIOD OF DOCUMENTS REQUESTED      From: 2006      To: Present		

**REQUESTED FACILITY INFORMATION (If Applicable)**

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FACILITY ADDRESS: 3700 W. 190th St		
CITY: Torrance	STATE: CA	ZIP CODE: 90504
FACILITY I.D. NO. (if known): 800089	APPL. AND/OR PERMIT NO. (if known):	

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- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

Signature of Requestor

Note: After a preliminary estimate, advance payment may be required.

**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Wednesday, March 05, 2014 7:59:57 AM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75718  
Request: AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR CHEVRON PRODUCTS CO. FAC ID 800030 AT 324 W. EL SEGUNDO BLVD., EL SEGUNDO, CA 90245. ATTN JILLIAN BAKER

Your request for records has been received by the Public Records Unit and has been assigned for processing.

Your request in whole or in part, seeks disclosable public records that are in the possession of this agency.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

JACOB ALLEN

For Colleen Paine  
Public Records Coordinator

**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Wednesday, March 05, 2014 8:00:02 AM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75719  
Request: AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR EXXONMOBIL FAC ID 800089 AT 3700 W. 190TH ST., TORRANCE, CA 90504. ATTN JILLIAN BAKER

Your request for records has been received by the Public Records Unit and has been assigned for processing.

Your request in whole or in part, seeks disclosable public records that are in the possession of this agency.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

JACOB ALLEN

For Colleen Paine  
Public Records Coordinator



**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Cc:** [OB PR Support NA Docs](#)  
**Subject:** Public Records Request #75718,  
**Date:** Friday, March 07, 2014 3:58:02 PM  
**Attachments:** [image001.png](#)  
[PR - PR Supporting Docs - 3-7-2014 - 75718 - - COMPLETION LETTER - BETH SMOKER.pdf](#)

---

Attached is a completion letter regarding your request.

Jillian Baker from our Planning Department sent me the following information regarding your request:

For Chevron, there were only 2 new permits/modifications that I am aware of and the modeled parameters are provided below:

- 1) Chevron Tail Gas unit  
\*\* Source ID - Type - X Coord. - Y Coord. \*\*  
LOCATION TGU POINT 369755.648 3752999.429 31.090  
\*\* Source Parameters \*\*  
SRCPARAM TGU 1 46.037 436.761 21.61366 1.067
- 2) Chevron Cogen D  
\*\* Source ID - Type - X Coord. - Y Coord. \*\*  
LOCATION NORMAL POINT 369293.000 3753109.000 36.310  
LOCATION STARTUP POINT 369293.000 3753109.000 36.310  
LOCATION SHUTDOWN POINT 369293.000 3753109.000 36.310  
LOCATION COMM POINT 369293.000 3753109.000 36.310  
\*\* Source Parameters \*\*  
SRCPARAM NORMAL 1 26.670 390.928 21.43760 3.200  
SRCPARAM STARTUP 1 26.670 378.150 16.40840 3.200  
SRCPARAM SHUTDOWN 1 26.670 388.150 11.98880 3.200  
SRCPARAM COMM 1 26.670 393.150 21.73732 3.200

**Jacob Allen**  
**Public Records, SCAQMD**  
**(909) 396-2282**



**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Cc:** [OB PR Support NA Docs](#)  
**Subject:** Public Records Request #75719,  
**Date:** Friday, March 07, 2014 4:20:41 PM  
**Attachments:** [image001.png](#)  
[PR - PR Supporting Docs - 3-7-2014 - 75719 - - COMPLETION LETTER - BETH SMOKER.pdf](#)  
[PR - PR Review Docs - 3-7-2014 - 75719 - - - AIR MODELING PARAMETERS - 48351237F39A5144849B505A1F35A069.TIF - - BETH SMOKER.pdf](#)

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Attached is an Air Modeling Parameters spreadsheet and a completion letter regarding your request. This spreadsheet was provided by Jillian Baker in our Planning Department

**Jacob Allen**  
**Public Records, SCAQMD**  
**(909) 396-2282**



Source Type	ID	UTM (NAD83) X (m)	UTM (NAD83) Y (m)	Elevation (m)	Emission Rate (lb/hr)	Release Height (m)	Diameter (m)	Exit Velocity (m/s)	Exit Temp (K)
POINT	80008901	376802.8983	3746635.787	20	0.02	30.48	2.68	17.03	493.71
POINT	80008902	376790.8979	3746757.788	19.8	0.02	36.58	2.21	4.99	627.04
POINT	80008903	376806.8976	3746819.789	19	17.443	22.86	1.97	16.16	487.04
POINT	80008904	376796.8976	3746839.789	19	49.02	27.43	3.35	27.71	557.59
POINT	80008905	376669.8985	3746639.786	20	0.714	36.58	1.74	11.09	617.59
POINT	80008906	376690.8984	3746639.786	20	0.446	49.68	1.71	9.59	394.26
POINT	80008907	376621.8979	3746823.787	20	22.58	28.65	1.65	20	514.26
POINT	80008908	376613.8979	3746823.787	20	22.58	28.65	1.65	20	514.26
POINT	80008909	376943.8978	3746684.789	18	0.223	21.34	1.22	8.26	632.04
POINT	80008910	376943.8979	3746671.789	18	0.223	19.81	1.51	6.51	603.71
POINT	80008911	376798.8971	3746957.791	18	0.01	30.48	3.17	5.26	613.71
POINT	80008912	376797.8974	3746877.79	19	23	36.27	1.91	5.47	590.93
POINT	80008913	376786.8985	3746575.786	20	4.305	39.62	1.4	8.9	589.26
POINT	80008914	376786.8986	3746545.786	20	3.668	39.62	1.4	8.87	545.37
POINT	80008915	376785.8987	3746513.785	20	5.398	39.62	1.4	5.82	482.04
POINT	80008916	376785.8988	3746486.785	20.7	4.157	39.17	1.98	5.3	579.26
POINT	80008917	376784.8989	3746450.784	21	0.223	39.62	1.49	9.15	595.37
POINT	80008918	376784.8991	3746420.784	21	0.223	39.62	1.49	10.49	595.37
POINT	80008919	376532.8987	3746644.784	20	33.223	30.48	3.73	21.7	518.71
POINT	80008920	376426.8984	3746790.785	20	0.753	45.72	1.62	9.5	443.45
POINT	80008921	376279.8995	3746540.781	22	0.13	45.72	1.95	2.88	927.04
POINT	80008922	376475.8992	3746523.782	21	0.223	45.72	2.29	8.46	660.37
POINT	80008923	376717.8978	3746814.788	20	0.223	30.48	1.77	7.95	460.37
POINT	80008924	376729.8978	3746814.788	20	0.223	30.48	1.77	8.17	473.15
POINT	80008925	377999.7261	3746802.288	16.9	0.6	7.32	0.91	1.22	969.82
POINT	80008926	376746.8984	3746634.786	20	15.755	16.76	2.26	7.4	532.04
POINT	80008927	376797.8975	3746860.789	19	22	36.27	1.75	5.23	526.48
POINT	80008928	376192.9001	3746281.777	23	0.223	24.38	0.99	7.44	750.93
POINT	80008929	376214.7726	3746275.452	23	0.223	5.49	0.91	0.36	1088.71

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

**COMPLETION LETTER**

**March 07, 2014**

BETH SMOKER  
CH2M HILL  
2485 NATOMAS PARK DR.# SUITE 600  
SACRAMENTO, CA 95833

**Ref.: CONTROL NO. 75718**  
Received 2/28/2014

Re: AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR CHEVRON PRODUCTS CO. FAC ID 800030 AT 324 W. EL SEGUNDO BLVD., EL SEGUNDO, CA 90245. ATTN JILLIAN BAKER

After a thorough search of this agency's records, the following records were found:  
AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR CHEVRON PRODUCTS CO. FAC ID 800030 AT 324 W. EL SEGUNDO BLVD., EL SEGUNDO, CA 90245. ATTN JILLIAN BAKER

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 03/07/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

JACOB ALLEN x2282  
For Colleen Paine  
Public Records Coordinator

:ja

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

**COMPLETION LETTER**

**March 07, 2014**

BETH SMOKER  
CH2M HILL  
2485 NATOMAS PARK DR.# SUITE 600  
SACRAMENTO, CA 95833

**Ref.: CONTROL NO. 75719**  
Received 2/28/2014

Re: AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR EXXONMOBIL FAC ID 800089 AT 3700 W. 190TH ST., TORRANCE, CA 90504. ATTN JILLIAN BAKER

After a thorough search of this agency's records, the following records were found:  
AIR MODELING PARAMETERS FOR PERMIT MODIFICATIONS OR NEW PERMITS ISSUED FROM 2006 TO PRESENT FOR EXXONMOBIL FAC ID 800089 AT 3700 W. 190TH ST., TORRANCE, CA 90504. ATTN JILLIAN BAKER

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 03/07/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

JACOB ALLEN x2282  
For Colleen Paine  
Public Records Coordinator

:ja



**South Coast**  
**Air Quality Management District**  
 21865 Copley Drive, Diamond Bar, CA 91765-4178  
 (909) 396-2000 • www.aqmd.gov

Information Management  
 Public Records Unit

Direct Dial: (909) 396-3700  
 FAX: (909) 396-3330

**PUBLIC RECORDS REQUEST FORM**

*PRU Office Use Only*  
**CONTROL NUMBER**

**ATTENTION REQUESTOR:** To expedite your request for District records, please fill out this form completely, and identify specifically the type of records you are requesting. Please limit your request to one facility or one site address for each request form filed, and three requested items per form. Additional forms or pages can be used if requesting information for more than one facility or for records not identified on this form. Requests should reasonably describe identifiable records prepared, owned, used, or retained by the District. Public Records Unit staff is available to assist you in identifying those records in the District's possession. The District is not required by law to create a new record or list from an existing record.

**REQUESTOR INFORMATION**

NAME: Beth Smoker		DATE: 03/26/2014
COMPANY: CH2M Hill		
MAILING ADDRESS: 2485 Natomas Park Dr.		
CITY: Sacramento	STATE: CA	ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463	
EMAIL ADDRESS: Beth.Smoker @ch2m.com		

**REQUESTED RECORDS (3 items per form )**

<input checked="" type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input checked="" type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
<input type="checkbox"/> Notices of Violation (NOV)	<input type="checkbox"/> Source Test Reports (S/T RPTS)	<input type="checkbox"/> Toxic-Health Risk Assessment (HRA)
<input type="checkbox"/> Notices to Comply (N/C)	<input type="checkbox"/> Air Monitoring Data	<input checked="" type="checkbox"/> Other (describe below or on additional pages):

Please provide complete application files including the facility's original application files, the SCAQMD engineering evaluation files, the issued permit to construct/permit to operate, and any other permit application related files, for each of the applications listed in the attachment.

TIME PERIOD OF DOCUMENTS REQUESTED      From:      To:

**REQUESTED FACILITY INFORMATION (If Applicable)**

FACILITY NAME: CHEVRON PRODUCTS CO		
FACILITY ADDRESS: 324 W. El Segundo Blvd		
CITY: El Segundo	STATE: CA	ZIP CODE: 90245
FACILITY I.D. NO. (if known): 800030	APPL. AND/OR PERMIT NO. (if known):	

*Direct cost of duplication: \$.15 per page for paper copies (first 10 pages free) and \$.50 per copied audio tape. No charge for copied Diskettes or CDs. Transfer of gathered electronic records onto CD or Diskette typically costs \$10.00 each, but costs will vary (see Instructions for Requesting Records).*

- I wish to inspect the requested records, where applicable, or receive the requested records electronically at no charge. I do not want copies produced at this time.
- I request that the SCAQMD contact me prior to copying the requested records if the cost exceeds \$20.00.
- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

*E. Smoker*

\_\_\_\_\_  
 Signature of Requestor

RBEP Cumulative Assessment  
Chevron: Public Records Request  
List of Outstanding Relevant Applications

CHEVRON PRODUCTS CO. - Facility 80030 Sources				
Appl_Nbr	Permit_Status (3/26/14)	Eq_Type	Equip_Description	Appl_Status (3/26/14)
<a href="#">453090</a>	ACTIVE	Basic	PETROLEUM COKE CONVEYING	PERMIT TO OPERATE GRANTED
<a href="#">454408</a>	ACTIVE	Control	FLARE SYSTEM, REFINERY	PERMIT TO OPERATE GRANTED
<a href="#">457255</a>	ACTIVE	Control	FLARE SYSTEM, REFINERY	PERMIT TO OPERATE GRANTED
<a href="#">470782</a>	ACTIVE	Basic	TURBINE ENGINE (<=50 MW) NAT & PROC GAS	PERMIT TO OPERATE GRANTED
<a href="#">480558</a>		Control	TAIL GAS INCINERATOR	APPLICATION CHANGED FROM CLASS I - III
<a href="#">502780</a>		Control	FLARE SYSTEM, REFINERY	ASSIGNED TO ENGINEER - CLASS I
<a href="#">502781</a>		Control	FLARE SYSTEM, REFINERY	ASSIGNED TO ENGINEER - CLASS I
<a href="#">502782</a>		Control	FLARE SYSTEM, REFINERY	ASSIGNED TO ENGINEER - CLASS I
<a href="#">502783</a>		Control	FLARE SYSTEM, REFINERY	ASSIGNED TO ENGINEER - CLASS I
<a href="#">508902</a>	ACTIVE	Control	FLARE SYSTEM, REFINERY	PERMIT TO OPERATE GRANTED
<a href="#">521770</a>		Control	FLARE SYSTEM, REFINERY	APPLICATION CHANGED FROM CLASS I - III
<a href="#">523950</a>	ACTIVE	Basic	HYDROGEN PRODUCTION PLANT	PERMIT TO OPERATE GRANTED
<a href="#">526607</a>		Basic	TURBINE ENGINE (<=50 MW) NAT & PROC GAS	APPLICATION CHANGED FROM CLASS I - III
<a href="#">526609</a>		Control	FLARE SYSTEM, REFINERY	APPLICATION CHANGED FROM CLASS I - III
<a href="#">530646</a>		Control	FLARE SYSTEM, REFINERY	APPLICATION CHANGED FROM CLASS I - III
<a href="#">547157</a>	ACTIVE	Control	FLARE SYSTEM, REFINERY	PERMIT TO OPERATE GRANTED



**South Coast  
Air Quality Management District**  
21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

Information Management  
Public Records Unit

Direct Dial: (909) 396-3700  
FAX: (909) 396-3330

**PUBLIC RECORDS REQUEST FORM**

*PRU Office Use Only*  
**CONTROL NUMBER**

**ATTENTION REQUESTOR:** To expedite your request for District records, please fill out this form completely, and identify specifically the type of records you are requesting. Please limit your request to one facility or one site address for each request form filed, and three requested items per form. Additional forms or pages can be used if requesting information for more than one facility or for records not identified on this form. Requests should reasonably describe identifiable records prepared, owned, used, or retained by the District. Public Records Unit staff is available to assist you in identifying those records in the District's possession. The District is not required by law to create a new record or list from an existing record.

**REQUESTOR INFORMATION**

NAME: Beth Smoker		DATE: 03/26/2014
COMPANY: CH2M Hill		
MAILING ADDRESS: 2485 Natomas Park Dr.		
CITY: Sacramento	STATE: CA	ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463	
EMAIL ADDRESS: Beth.Smoker @ch2m.com		

**REQUESTED RECORDS (3 items per form )**

<input checked="" type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input checked="" type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
<input type="checkbox"/> Notices of Violation (NOV)	<input type="checkbox"/> Source Test Reports (S/T RPTS)	<input type="checkbox"/> Toxic-Health Risk Assessment (HRA)
<input type="checkbox"/> Notices to Comply (N/C)	<input type="checkbox"/> Air Monitoring Data	<input checked="" type="checkbox"/> Other (describe below or on additional pages):
Please provide complete application files including the facility's original application files, the SCAQMD engineering evaluation files, the issued permit to construct/permit to operate, and any other permit application related files, for each of the applications listed in the attachment.		
TIME PERIOD OF DOCUMENTS REQUESTED	From:	To:

**REQUESTED FACILITY INFORMATION (If Applicable)**

FACILITY NAME: EXXONMOBIL OIL CORPORATION		
FACILITY ADDRESS: 3700 W. 190th St		
CITY: Torrance	STATE: CA	ZIP CODE: 90504
FACILITY I.D. NO. (if known): 800089	APPL. AND/OR PERMIT NO. (if known):	

*Direct cost of duplication: \$.15 per page for paper copies (first 10 pages free) and \$5.00 per copied audio tape. No charge for copied Diskettes or CDs. Transfer of gathered electronic records onto CD or Diskette typically costs \$10.00 each, but costs will vary (see Instructions for Requesting Records).*

- I wish to inspect the requested records, where applicable, or receive the requested records electronically at no charge. I do not want copies produced at this time.
- I request that the SCAQMD contact me prior to copying the requested records if the cost exceeds \$20.00.
- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

*Beth Smoker*

\_\_\_\_\_  
Signature of Requestor

Note: After a preliminary estimate, advance payment may be required.



**RBEP Cumulative Assessment**

**Exxon: List of Relevant Applications**

**List of Outstanding Relevant Applications**

EXXONMOBIL OIL CORPORATION - Facility 800089 Sources					
Appl_Nbr	Permit_Status (3/26/14)	Eq_Type	Equip_Description	Appl_Date	Appl_Status (3/26/14)
<a href="#">471344</a>	ACTIVE	Control	FLARE SYSTEM, REFINERY	6/28/2007	PERMIT TO OPERATE GRANTED
<a href="#">473142</a>	ACTIVE	Basic	BOILER OTH REFINERY GAS	8/24/2007	PERMIT TO OPERATE GRANTED
<a href="#">473143</a>	ACTIVE	Basic	BOILER OTH REFINERY GAS	8/24/2007	PERMIT TO OPERATE GRANTED
<a href="#">477482</a>	ACTIVE	Control	AFTERBURNER, DIRECT FLAME	1/24/2008	PERMIT TO OPERATE GRANTED
<a href="#">477483</a>	ACTIVE	Control	AFTERBURNER, DIRECT FLAME	1/24/2008	PERMIT TO OPERATE GRANTED
<a href="#">483878</a>	ACTIVE	Control	WASTE GAS INCINERATION UNIT	6/17/2008	PERMIT TO OPERATE GRANTED
<a href="#">487728</a>	ACTIVE	Basic	HEATER/FURNACE (>50 MMBTU/HR)PROCESS GAS	9/3/2008	PERMIT TO OPERATE GRANTED
<a href="#">519368</a>	ACTIVE	Basic	I C E (50-500 HP) EMERG OTHER, DIESEL	3/1/2011	PERMIT TO OPERATE GRANTED
<a href="#">533847</a>	ACTIVE	Basic	BOILER (>50 MMBTU/HR) OTHER FUEL	3/14/2012	PERMIT TO OPERATE GRANTED

**From:** [Elizabeth Gonzalez](#)  
**To:** [Smoker, Beth/SAC](#); [OB PR Support NA Docs](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Thursday, March 27, 2014 8:40:09 AM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75992  
Request: COMPLETE ENGINEERING APPL FILES FOR CHEVRON PRODUCTS CO, 324 E. EL SEGUNDO BLVD, EL SEGUNDO, CA 90245.

Your request for records has been received by the Public Records Unit and has been assigned for processing.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

LISA RAMOS

For Colleen Paine  
Public Records Coordinator

**From:** [Elizabeth Gonzalez](#)  
**To:** [Smoker, Beth/SAC](#); [OB PR Support NA Docs](#)  
**Subject:** Request for Records from the South Coast Air Quality Management District  
**Date:** Thursday, March 27, 2014 8:35:53 AM

---

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 75991  
Request: COMPLETE ENGINEERING APPL FILE FOR EXXONMOBIL OIL CORPORATION, 3700 W.  
190TH STREET, TORRANCE, CA 90504.

Your request for records has been received by the Public Records Unit and has been assigned for processing.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

LISA RAMOS

For Colleen Paine  
Public Records Coordinator

## Lisa Ramos

---

**From:** Phyllis Haimov  
**Sent:** Friday, June 27, 2014 8:21 AM  
**To:** Lisa Ramos  
**Subject:** FW: PRR #75992,  
**Attachments:** RE: PRR #75992,

Complete

---

**From:** Jill Whynot  
**Sent:** Friday, June 27, 2014 8:17 AM  
**To:** Phyllis Haimov  
**Subject:** FW: PRR #75992,

Phyllis,  
Please send this to PRR staff.  
Thank you, Jill

*Jill Whynot*  
*Assistant Deputy Executive Officer*  
*Engineering and Compliance*  
*South Coast Air Quality Management District*  
*909 396-3104*

---

**From:** Danny Luong  
**Sent:** Wednesday, June 25, 2014 4:07 PM  
**To:** Jill Whynot  
**Cc:** Phyllis Haimov  
**Subject:** RE: PRR #75992,

Please see the attached e-mail which lists all the responsive applications and their locations.  
Danny

---

**From:** Jill Whynot  
**Sent:** Tuesday, June 24, 2014 1:03 PM  
**To:** Danny Luong  
**Cc:** Phyllis Haimov  
**Subject:** RE: PRR #75992,

Danny,

I need some help sorting this request out. From the email chain, it appears that the 5 remaining applications are all on On-Base. The link has several other files that were not on the most recent list. Please let me know if those additional applications are needed for this request.

Thanks, Jill

*Jill Whynot*  
*Assistant Deputy Executive Officer*

Engineering and Compliance  
South Coast Air Quality Management District  
909 396-3104

---

**From:** Danny Luong  
**Sent:** Friday, June 20, 2014 8:21 AM  
**To:** Jill Whynot  
**Cc:** Phyllis Haimov  
**Subject:** FW: PRR #75992,

The info is [here](#). Confidential materials are contained in the "confidential" folder within the link. AN 523950 is on ONBASE.

Danny

---

**From:** Bob Sanford  
**Sent:** Thursday, June 12, 2014 2:48 PM  
**To:** Vianne Setiadi  
**Subject:** RE: #75992,

Hi Vianne: As we discussed, A/Ns 457255, 470782, 480558, 482505 and 508902 were scanned in May 2013 under PRR 72608. No new information has been added to these files since May 2013. A/N 523950 is on OnBase. A/N 457255, 470782, 480558 and 523950 contain information that Chevron claims as confidential. Let me know if you need anything else. Bob

---

**From:** Vianne Setiadi  
**Sent:** Thursday, June 12, 2014 1:51 PM  
**To:** Bob Sanford  
**Subject:** FW: #75992,

Hi Bob,

I need application #s 457255, 470782, 480558, 482505, 508902, 523950 please. Thank you.

---

**From:** Phyllis Haimov  
**Sent:** Friday, May 09, 2014 11:03 AM  
**To:** Danny Luong; Vianne Setiadi  
**Subject:** FW: #75992,

For your handling. When complete please forward to Jill/Phyllis for review/approval and distribution to PR. Please see below for revised request to 75992 which you submitted complete on 5/6. Thank you.

---

**From:** Lisa Ramos  
**Sent:** Friday, May 09, 2014 10:56 AM  
**To:** Jill Whynot; Phyllis Haimov  
**Cc:** OB PR Support Docs  
**Subject:** #75992,

JILL/PHYLLIS  
CONTROL 75992

I HAD ROUTE A REVISED MEMO ON MAY 1<sup>ST</sup> TO REPLACE THE ROUTING SLIP DATED APRIL 3<sup>RD</sup>. WITH THE APPLICATIONS THAT YOU RETURNED ON MAY 6<sup>TH</sup> I AM STILL MISSING THE FOLLOWING:  
A/N 457255, 470782, 482505, 523950, 508902, 526606 & 482505.  
SORRY FOR THE MISUNDERSTANDING.

SOUTH COAST AQMD  
LISA RAMOS  
909.396.3211

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

**COMPLETION LETTER**

**March 27, 2014**

BETH SMOKER  
CH2M HILL  
2485 NATOMAS PARK DR.# SUITE 600  
SACRAMENTO, CA 95833

**Ref.: CONTROL NO. 75991**  
Received 3/26/2014

Re: COMPLETE ENGINEERING APPL FILE FOR EXXONMOBIL OIL CORPORATION,  
3700 W. 190TH STREET, TORRANCE, CA 90504.

After a thorough search of this agency's records, the following records were found:  
COMPLETE ENGINEERING APPL FILE FOR EXXONMOBIL OIL CORPORATION, 3700  
W. 190TH STREET, TORRANCE, CA 90504. (800089)

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 04/09/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211  
For Colleen Paine  
Public Records Coordinator

:lr

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

**COMPLETION LETTER**

**June 18, 2014**

BETH SMOKER  
CH2M HILL  
2485 NATOMAS PARK DR.# SUITE 600  
SACRAMENTO, CA 95833

**Ref.: CONTROL NO. 76318**  
Received 4/25/2014

Re: APPL'S FOR EXXONMOBIL (A/N 477482, 477483, 487728 & 533847).

After a thorough search of this agency's records, the following records were found:  
APPL'S FOR EXXONMOBIL (A/N 477482, 477483, 487728 & 533847).

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/18/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211  
For Colleen Paine  
Public Records Coordinator

:lr



Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

**COMPLETION LETTER**

**June 18, 2014**

BETH SMOKER  
CH2M HILL  
2485 NATOMAS PARK DR.# SUITE 600  
SACRAMENTO, CA 95833

**Ref.: CONTROL NO. 76318**  
Received 4/25/2014

Re: APPL'S FOR EXXONMOBIL (A/N 477482, 477483, 487728 & 533847).

After a thorough search of this agency's records, the following records were found:  
APPL'S FOR EXXONMOBIL (A/N 477482, 477483, 487728 CONTAIN CONFIDENTIAL  
INFORMATION)  
533847 IS ALL CONFIDENTIAL

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 06/19/2014

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211  
For Colleen Paine  
Public Records Coordinator

:lr

**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Cc:** [Zhuang, Hong/SCO](#)  
**Subject:** FW: #75991,  
**Date:** Friday, March 28, 2014 4:10:00 PM

---

Lisa,

Hong was also unable to open the links. I will be out of the office the rest of the day, so please work with Hong if she is around for the next hour.

Thanks,  
Beth

---

**From:** Smoker, Beth/SAC  
**Sent:** Friday, March 28, 2014 3:49 PM  
**To:** 'Lisa Ramos'  
**Cc:** OB PR Support Docs  
**Subject:** RE: #75991,

Hi Lisa,

I am not able to access any files in either link (Firefox or Explorer). It says "File Not Found".

Beth

---

**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Friday, March 28, 2014 3:37 PM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #75991,

BETH SMOKER  
CONTROL 75991

Below are two links to your requested documents. The files were too large to send as an email attachment. Both links are for the same documents. The first link requires Active X and the second is an HTML link. Please open both links with Internet Explorer. Please let me know if you have any trouble viewing the links. While viewing the document you can Right Click and Save to File to save each file to your computer. You also have the option of having these files burned to a CD and mailed to you for \$10.

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75991&FT=111&clienttype=activex](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75991&FT=111&clienttype=activex)

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75991&FT=111&clienttype=html](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75991&FT=111&clienttype=html)

LISA RAMOS  
909.396.3211

**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Cc:** [Engel, Elyse/SJC](#)  
**Subject:** RE: #75991,  
**Date:** Wednesday, April 09, 2014 11:46:00 AM

---

Thanks Lisa.

What is the status of Control # 75992? (same data request as 75991, but for the Chevron facility)?

Beth

---

**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Wednesday, April 09, 2014 11:00 AM  
**To:** Smoker, Beth/SAC  
**Subject:** RE: #75991,

Yes Beth, I just added the remaining docs to the link.

---

**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [<mailto:Beth.Smoker@ch2m.com>]  
**Sent:** Wednesday, April 09, 2014 10:57 AM  
**To:** Lisa Ramos  
**Cc:** [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
**Subject:** RE: #75991,

Thanks Lisa. It looks like most of these were documents you already provided us via email last week. OnBase worked well for me though, so it looks like you worked out your bugs!

Thanks,  
Beth

---

**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Wednesday, April 09, 2014 8:18 AM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #75991,

Beth Smoker  
Control 75991

Below are two links to your requested documents. The files were too large to send as an email attachment. Both links are for the same documents. The first link requires Active X and the second is an HTML link. Please open both links with Internet Explorer. Please let me know if you have any trouble viewing the links. While viewing the document you can Right Click and Save to File to save each file to your computer. You also have the option of having these files burned to a CD and mailed to you for \$10.

<http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?>

[KT275\\_0\\_0\\_0=75991&FT=111&clienttype=activex](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75991&FT=111&clienttype=activex)

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?  
KT275\\_0\\_0\\_0=75991&FT=111&clienttype=html](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75991&FT=111&clienttype=html)

SOUTH COAST AQMD  
LISA RAMOS  
909.396.3211

**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Cc:** [Engel, Elyse/SJC](#); [Beattie, Benjamin/SAC](#)  
**Subject:** RE: #75992,  
**Date:** Wednesday, April 23, 2014 4:42:00 PM

---

Hi Lisa,

In an effort to save time, would it be possible for you to send us everything by CD? Also, at this point in time, what percentage of applications have you finished going through for Control #75992 (Chevron request)? And when do you anticipate completing the request?

Thanks!  
Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

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**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Wednesday, April 23, 2014 3:50 PM  
**To:** Smoker, Beth/SAC  
**Subject:** RE: #75992,

Beth

I have forwarded your email to my supervisor for handling. We have been having some occasional issues with onbase. Let me get back to you before we try another option for receiving your request.

Thanks,  
Lisa  
909.396.3211

---

**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [<mailto:Beth.Smoker@ch2m.com>]  
**Sent:** Wednesday, April 23, 2014 3:29 PM  
**To:** Lisa Ramos  
**Cc:** OB PR Support Docs; [Benjamin.Beattie@CH2M.com](mailto:Benjamin.Beattie@CH2M.com); [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
**Subject:** RE: #75992,

Hi Lisa,

We are unable to access the links below. This has been a reoccurring issue for us with on-base. It was working for us for awhile and has now stopped again.

Can you please resend the links or provide us with some troubleshooting options?

Beth

---

**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]

**Sent:** Friday, April 18, 2014 2:19 PM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #75992,

BETH SMOKER  
CONTROL 75992

I HAVE ATTACHED SOME DOCUMENTS FOR THIS REQUEST. THESE FILES ARE PRETTY LARGE & SINCE WE DO NOT HAVE A LETTER OF AUTHORIZATION, EACH PAGE IN THE FILE NEEDS TO BE REVIEWED BY US FOR CONFIDENTIAL INFORMATION.

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?  
KT275\\_0\\_0\\_0=75992&FT=111&clienttype=activex](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=activex)

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?  
KT275\\_0\\_0\\_0=75992&FT=111&clienttype=html](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=html)

SOUTH COAST AQMD  
LISA RAMOS  
909.396.3211

**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Cc:** [Engel, Elyse/SJC](#)  
**Subject:** RE: #75992,  
**Date:** Thursday, May 01, 2014 8:42:00 AM

---

Thanks for your continued work on this Lisa!!

Last week we had talked about looking into CDs, and I spoke with a woman in IT named Norma, who said that we could get some CDs free of charge as result of not being able to access the links regularly. When we are able to access the links, the documents are so large that we are unable to open them or save them to our computers.

I'm not sure where we left off with this issue. Please let me know the status of this request.

Thanks!  
Beth

---

**From:** Lisa Ramos [mailto:lramos1@aqmd.gov]  
**Sent:** Thursday, May 01, 2014 8:38 AM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #75992,

BETH SMOKER  
CONTROL 75992

I HAVE ATTACHED SOME ADDITIONAL DOCUMENTS TO THE LINK BELOW. I HAVE ROUTED FOR THE REMAINING DOCUMENTS.

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75992&FT=111&clienttype=activex](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=activex)

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75992&FT=111&clienttype=html](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=html)

SOUTH COAST AQMD  
LISA RAMOS  
909.396.3211



**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Cc:** [OB PR Support Docs](#)  
**Subject:** RE: Control #75992,  
**Date:** Tuesday, May 20, 2014 4:21:00 PM

---

My mistake, it was 502781.

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**From:** Lisa Ramos [mailto:[lramos1@aqmd.gov](mailto:lramos1@aqmd.gov)]  
**Sent:** Tuesday, May 20, 2014 1:15 PM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** Control #75992,

BETH SMOKER

YOUR LIST IS CORRECT. NOT QUITE SURE ABOUT 502791? IS THAT A CORRECT NUMBER?

---

**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [mailto:[Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com)]  
**Sent:** Tuesday, May 20, 2014 10:16 AM  
**To:** Lisa Ramos  
**Cc:** [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
**Subject:** RE: Control #75992,

Lisa,

Thank you for the update. According to our records, the following Applications are outstanding. Would you mind confirming so that we are sure we are on the same page (and not adding anything to your list that isn't needed!)?

- App #470782 (Turbine)
- App #480558 (Tail Gas Incinerator)
- App #526607 (Turbine)
- App #508902 (Flare)
- App #526609 (Flare)
- App #530646 (Flare)

App #502791 (Flare) – Application was included on the CD, however, it included only the first page and no details on what the changes in condition were. I assume that one page was included because the rest was confidential? Please confirm.

Thanks!

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

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**From:** Lisa Ramos [mailto:[lramos1@aqmd.gov](mailto:lramos1@aqmd.gov)]  
**Sent:** Tuesday, May 20, 2014 6:54 AM

**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** RE: Control #75992,

BETH

I SENT AN EMAIL TO OUR ENGINEERING DEPARTMENT REGARDING THE REMAINING DOUCMENTS SO HOPEFULLY I WILL HEAR SOMETHING. I CANNOT AT THIS TIME GIVE YOU AN ESTIMATED/ACTUAL TIME THESE DOCUMENT WILL BE AVAILABLE. I WILL, HOWEVER, SEND THEM TO YOU AS SOON AS THEY BECOME AVAILABLE.

LISA

---

**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [<mailto:Beth.Smoker@ch2m.com>]  
**Sent:** Monday, May 19, 2014 11:22 AM  
**To:** Lisa Ramos  
**Cc:** [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
**Subject:** Control #75992

Hi Lisa,

Thanks for sending us the CD last week. You left me a note that you are still going through 7 additional applications that we requested. Can you provide an estimate on when you may be able to finalize this request for Control #75992?

Thanks,

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

**From:** [Smoker, Beth/SAC](#)  
**To:** [Lisa Ramos](#)  
**Subject:** RE: #75992-Chevron and #75991-Exxon  
**Date:** Tuesday, May 20, 2014 4:20:00 PM

---

Thank you Lisa. Do I need to do anything on my end right now, or has it been opened and routed?

Beth

---

**From:** Lisa Ramos [mailto:lramos1@aqmd.gov]  
**Sent:** Tuesday, May 20, 2014 12:42 PM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** RE: #75992-Chevron and #75991-Exxon

BETH

FOR CONTROL 75992, CHEVRON – STILL ROUTED TO OUR ENGINEERING DEPARTMENT FOR THE DOCUMENTS.

CONTROL 75991, EXXON – THIS REQUEST WAS CLOSED OUT. WE WILL OPEN A NEW REQUEST & ROUTE TO OUR ENGINEERING DEPARTMENT FOR THE DOCUMENTS

LISA RAMOS  
90/396-3211

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**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [mailto:[Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com)]  
**Sent:** Tuesday, May 20, 2014 11:04 AM  
**To:** Lisa Ramos  
**Cc:** [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com); [Benjamin.Beattie@CH2M.com](mailto:Benjamin.Beattie@CH2M.com)  
**Subject:** FW: #75992-Chevron and #75991-Exxon

Hi Lisa,

In looking through our records, I believe item #2 is still outstanding from the email below. We wanted to make sure this was still on your radar as well (I know Chevron has been keeping you busy!).

Exxon Control #75991: We are still missing data from applications that have been unavailable. We spoke with Colleen Paine/SCAQMD who informed us that these permits may not have been imaged, but have been approved and are available from the engineers. Can you please request these application folders directly from the engineers:

- 477482
- 477483
- 487728
- 533847

Thanks again for your continued efforts on these requests for us!

Beth

---

**From:** Smoker, Beth/SAC  
**Sent:** Thursday, April 24, 2014 2:29 PM  
**To:** 'Lisa Ramos'  
**Cc:** Engel, Elyse/SJC; Beattie, Benjamin/SAC  
**Subject:** RE: #75992-Chevron and #75991-Exxon

Hi Lisa,

Two Items:

1. Chevron Control #75992: Has there been any progress on the OnBase access issue? If not, can you please let us know how many CDs the Chevron data would need to be burned onto? Also, at this point in time, what percentage of applications have you finished going through for Control #75992 (Chevron request)? And when do you anticipate completing the request?
2. Exxon Control #75991: We are still missing data from applications that have been unavailable. We spoke with Colleen Paine/SCAQMD who informed us that these permits may not have been imaged, but have been approved and are available from the engineers. Can you please request these application folders directly from the engineers:
  - 477482
  - 477483
  - 487728
  - 533847

Thank you,

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

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**From:** Smoker, Beth/SAC  
**Sent:** Wednesday, April 23, 2014 4:43 PM  
**To:** 'Lisa Ramos'  
**Cc:** Engel, Elyse/SJC; Beattie, Benjamin/SAC  
**Subject:** RE: #75992,

Hi Lisa,

In an effort to save time, would it be possible for you to send us everything by CD? Also, at this point in time, what percentage of applications have you finished going through for Control #75992 (Chevron request)? And when do you anticipate completing the request?

Thanks!

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

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**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Wednesday, April 23, 2014 3:50 PM  
**To:** Smoker, Beth/SAC  
**Subject:** RE: #75992,

Beth

I have forwarded your email to my supervisor for handling. We have been having some occasional issues with onbase. Let me get back to you before we try another option for receiving your request.

Thanks,

Lisa

909.396.3211

---

**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [<mailto:Beth.Smoker@ch2m.com>]  
**Sent:** Wednesday, April 23, 2014 3:29 PM  
**To:** Lisa Ramos  
**Cc:** OB PR Support Docs; [Benjamin.Beattie@CH2M.com](mailto:Benjamin.Beattie@CH2M.com); [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
**Subject:** RE: #75992,

Hi Lisa,

We are unable to access the links below. This has been a reoccurring issue for us with on-base. It was working for us for awhile and has now stopped again.

Can you please resend the links or provide us with some troubleshooting options?

Beth

---

**From:** Lisa Ramos [<mailto:lramos1@aqmd.gov>]  
**Sent:** Friday, April 18, 2014 2:19 PM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #75992,

BETH SMOKER  
CONTROL 75992

I HAVE ATTACHED SOME DOCUMENTS FOR THIS REQUEST. THESE FILES ARE PRETTY LARGE & SINCE WE DO NOT HAVE A LETTER OF AUTHORIZATION, EACH PAGE IN THE FILE NEEDS TO BE REVIEWED BY US FOR CONFIDENTIAL INFORMATION.

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75992&FT=111&clienttype=activex](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=activex)

[http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275\\_0\\_0\\_0=75992&FT=111&clienttype=html](http://onbase-pub.aqmd.gov/AppNet/FolderPop/FolderPop.aspx?KT275_0_0_0=75992&FT=111&clienttype=html)

SOUTH COAST AQMD  
LISA RAMOS  
909.396.3211

**From:** Smoker, Beth/SAC  
**To:** ["Lisa Ramos"](#)  
**Subject:** FW: #76089,  
**Date:** Tuesday, June 03, 2014 10:53:00 AM  
**Attachments:** [PR - PR Supporting Docs - 6-3-2014 - 76089 - - COMPLETION LETTER - BETH SMOKER.tif](#)  
[PR - PR Review Docs - 6-3-2014 - 76089 - - - LOMITA - CONTROL 76089 LOMITA.XLSX - - BETH SMOKER\(2\).xlsx](#)

---

Thank you Lisa. Can you please confirm that the emission units in the attached excel document are tons per year (tpy).

Thanks!  
Beth

---

**From:** Lisa Ramos [mailto:[lramos1@aqmd.gov](mailto:lramos1@aqmd.gov)]  
**Sent:** Tuesday, June 03, 2014 8:13 AM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** #76089,

BETH SMOKER  
CONTROL 76089

I HAVE ATTACHED THE REQUESTED INFORMATION FOR THIS REQUEST.

**Lisa Ramos**  
**South Coast AQMD**  
**909.396.3211**

**From:** Smoker, Beth/SAC  
**To:** [Engel, Elyse/SJC](#); [Salamy, Jerry/SAC](#); [Madams, Sarah/SAC](#); [Beattie, Benjamin/SAC](#)  
**Subject:** FW: Public Records Request - Immediate Data Needs #75992,  
**Date:** Friday, June 20, 2014 9:09:00 AM

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**From:** Colleen Paine [mailto:CPaine@aqmd.gov]  
**Sent:** Thursday, June 19, 2014 4:35 PM  
**To:** Smoker, Beth/SAC  
**Cc:** Lisa Ramos; OB PR Support NA Docs  
**Subject:** FW: Public Records Request - Immediate Data Needs #75992,

Ms. Smoker,

I am Lisa's supervisor. I'm sorry you feel we are unprofessional, and our process dysfunctional. The SCAQMD is THE largest Air Quality agency, and the Public Records Unit processes many more public records requests than the other agencies. We have received much praise for our service and our public records requests process. We take pride in our ability to turn requests around in a timely manner, and I can assure you Lisa has done all she can to get your records as quickly as possible.

I did some checking and since January, 2012, your company has submitted 89 requests. Of those, 72 were closed in less than 6 to 8 weeks, most were closed in less than 2 weeks. I searched the requests that came from you in particular, and here is what I found:

Control Number	Date received	Dated closed	comments
73257	7/3/2013	7/3/2013	
73377	7/16/2013	7/25/2013	
75474	2/6/2014	3/27/2014	
75475	2/6/2014	3/27/2014	
75718	2/28/2014	3/7/2014	
75719	2/28/2014	3/7/2014	
75991	3/26/2014	4/9/2014	
75992	3/26/2014		Still open
76089	4/3/2014	6/3/2014	



76318	4/25/2014	6/18/2014	Closed – all files confidential
76607	5/20/2014	6/19/2014	Duplicate of 76318

In researching your requests and the requests from your company, I found nothing to indicate you've waited years for a request to be completed. Please let me know if I have missed something.

At the SCAQMD each department is custodian of their own records. The Public Records Unit can access records that have been scanned into our system, but when we can't find the records we route the requests to the custodians. We send regular reminders for these routed requests. We will even forward requestor's emails to the departments in an attempt to get a quicker response. Outside of reminders, there is really nothing else we can do to speed up the process. The other departments have full workloads in just doing their regular jobs. They do what they can to fill requests for records and still keep up with their work.

As for a 10 day response to requests 76607/76318, we have already responded to 76318 (duplicate request 76607) with all the non-confidential records. Everything else was marked confidential in the files - for application #533847, the application form itself was even marked confidential, so you received no records for that application. You were offered the confidentiality review process, but you declined. Those requests are now closed. If you want to go through our confidentiality process, we can re-open 76318 and start the process, but otherwise what you have received is all we can provide. For control #75992, I have forwarded your email to the Engineering Department.

I hope this clears up some of your concerns. It seems there is only one open request, and your email has been forwarded in hopes we can get your requested records soon.

Regards,

Colleen Paine  
Public Records Unit  
909 396 2594

-----Original Message-----

From: Lisa Ramos  
Sent: Thursday, June 19, 2014 2:09 PM  
To: Colleen Paine  
Subject: FW: Public Records Request - Immediate Data Needs

-----Original Message-----

From: [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [mailto:[Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com)]  
Sent: Thursday, June 19, 2014 2:05 PM  
To: Lisa Ramos  
Cc: [Elyse.Engel@ch2m.com](mailto:Elyse.Engel@ch2m.com)  
Subject: RE: Public Records Request - Immediate Data Needs

Hi Lisa,

We requested the data below as a result of a California Energy Commission data request to prepare a cumulative air quality impact assessment. As you know, we originally submitted our original Public Records Request (PRR) for the Exxon/Mobil (source ID 800089) and Chevron (source ID 800030) facilities on May 2nd, 2013 (Control #s 72608/72609) and have submitted subsequent PRRs on the following dates: 2/5/14 (Control #s 75718/75719); 3/26/14 (Control #s 75992/75991); 4/25/14 (Control # 76318); and 5/21/14 (Control # 76607). We have also regularly called the Public Records office and Engineers. The information received yesterday (6/18/14) from Control #76318 does not contain any of our requested information, nor was the PRR fully complete. To date we still do not have the necessary data to prepare our cumulative air quality impact assessment, which remains our only outstanding issue we need to complete our responses to the California Energy Commission.

We have performed similar public records request in most of the major air districts in California and have never experienced this level of difficulty in securing publicly available data needed to complete a CEQA analysis. Other large air districts have processed our cumulative air quality emission source requests in a matter of a couple of weeks, not years. This delay is both unbecoming to what many considered the nation's premier air quality regulatory agency and unprofessional for a public agency in general. I am requesting the District provide information requested in PRR Control #76607/76318 and #75992 within the next 10 business days.

Please pass this email onto your supervisor or others within the District in the hope that it will spur structural changes to what can best be described as a dysfunctional PRR process.

Respectfully,

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600,  
Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

-----Original Message-----

From: Smoker, Beth/SAC  
Sent: Thursday, June 12, 2014 12:57 PM  
To: 'Lisa Ramos'

Subject: Re: Public Records Request - Immediate Data Needs

Hi Lisa,

I am checking in on the following applications listed below. Some of these requests are dated all the way back to March (originally requested over a year ago under a different control number). We have been calling and emailing with no status update provided. Our entire CEQA project is hung up on obtaining this data. Please help us finish this data collection by providing us with the requested data ASAP.

Exxon (Control #76607&&76318) Applications

- \* 477482
- \* 477483
- \* 487728
- \* 533847

Chevron (Control #75992) Applications:

- App #470782 (Turbine)
- App #480558 (Tail Gas Incinerator)
- App #526607 (Turbine)
- App #508902 (Flare)
- App #526609 (Flare)
- App #530646 (Flare)
- App #502781

Thank you,

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600,  
Sacramento, CA / 916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

-----Original Message-----

From: Smoker, Beth/SAC

Sent: Tuesday, June 03, 2014 10:06 AM

To: 'Lisa Ramos'

Cc: Engel, Elyse/SJC

Subject: RE: Request for Records from the South Coast Air Quality Management District

Lisa,

Did any of the engineers provide a timeframe last week for fulfilling the below requests? We have been working on this request for a year now and need to finish up data collection ASAP so we can commence with the CEQA air quality cumulative impact assessment.

Thank you,  
Beth

-----Original Message-----

From: Smoker, Beth/SAC  
Sent: Wednesday, May 28, 2014 12:17 PM  
To: 'Lisa Ramos'  
Subject: RE: Request for Records from the South Coast Air Quality Management District

Hi Lisa,

I wanted to check in with you regarding the status of our Public Records Request for Exxon (Control #76607) and Chevron (Control #75992). Obtaining these last few applications is crucial in order for our project to move forward, so we appreciate your continued support.

Perhaps the engineers could provide an estimated timeframe of when they may be able to fulfill our requests?

Exxon (Control #76607) Applications

- \* 477482
- \* 477483
- \* 487728
- \* 533847

Chevron (Control #75992) Applications:

- App #470782 (Turbine)
- App #480558 (Tail Gas Incinerator)
- App #526607 (Turbine)
- App #508902 (Flare)
- App #526609 (Flare)
- App #530646 (Flare)
- App #502781 - only one page received, assume this was because the rest was confidential?

Beth

-----Original Message-----

From: Smoker, Beth/SAC  
Sent: Wednesday, May 21, 2014 9:05 AM  
To: 'Lisa Ramos'; OB PR Support NA Docs  
Subject: RE: Request for Records from the South Coast Air Quality Management District

Thank you Lisa!

-----Original Message-----

From: Lisa Ramos [<mailto:lramos1@aqmd.gov>]

Sent: Wednesday, May 21, 2014 7:56 AM  
To: Smoker, Beth/SAC; OB PR Support NA Docs  
Subject: Request for Records from the South Coast Air Quality Management District

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 76607  
Request: COMPLETE ENGINEERING APPLICATION FILE FOR EXXON (A/N 477482, 477483, 487728 & 533847).

Your request for records has been received by the Public Records Unit and has been assigned for processing.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3211, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

LISA RAMOS

**From:** Smoker, Beth/SAC  
**To:** ["Lisa Ramos"](#)  
**Subject:** Cumulative Source Data Follow-up Control #76318  
**Date:** Thursday, July 24, 2014 1:06:00 PM  
**Attachments:** [SCAQMD List of Exxon Apps.xlsx](#)

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Hi Lisa,

In attempts to finalize our data needs for the Exxon facility (ID 800089; Control #76318), we have been in contact with the facility itself. Valerie Tse, Environmental Permitting Advisor with Exxon, has agreed to personally redact any information Exxon believes we should not have. Can you please send her the complete engineering folders for the following applications for her to sort through?

The applications are also listed in the attached spreadsheet.

Applications:

477482

477483

487728

533847

Valerie's contact information is as follows:

Email: [valerie.b.tse@exxonmobil.com](mailto:valerie.b.tse@exxonmobil.com)

Work: 310-212-1781

Fax: 310-212-4681

I'll give you a call shortly to make sure we have the same understanding of the path forward.

Thanks so much!

Beth

**From:** Smoker, Beth/SAC  
**To:** ["Lisa Ramos"](#)  
**Cc:** [Engel, Elyse/SJC](#)  
**Subject:** RE: Cumulative Source Data Follow-up Control #76318,  
**Date:** Wednesday, July 30, 2014 9:55:00 AM

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Hi Lisa,

Thank you for explaining our options. Valerie will be submitting a Public Records Request for our remaining information needs. As you are aware, she works for Exxon, so I assume you will be able to send her the complete application folders (i.e. the confidentiality will not apply for her). This way she can filter through them and send us the information she is comfortable with.

Thanks again - we are so close to finalizing this request!

Beth

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**From:** Lisa Ramos [mailto:[lramos1@aqmd.gov](mailto:lramos1@aqmd.gov)]  
**Sent:** Friday, July 25, 2014 6:34 AM  
**To:** Smoker, Beth/SAC  
**Cc:** OB PR Support Docs  
**Subject:** RE: Cumulative Source Data Follow-up Control #76318,

Beth Stoker

This Public Records Request #76318 has already been closed out. You can either submit another request for this information at which time we can proceed with the Confidentiality Process or you can have Valerie Tse submit a Public Records Request for that information.

Please let me know how you would like to proceed.

Lisa Ramos  
909.396.3211

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**From:** [Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com) [mailto:[Beth.Smoker@ch2m.com](mailto:Beth.Smoker@ch2m.com)]  
**Sent:** Thursday, July 24, 2014 1:06 PM  
**To:** Lisa Ramos  
**Subject:** Cumulative Source Data Follow-up Control #76318

Hi Lisa,

In attempts to finalize our data needs for the Exxon facility (ID 800089; Control #76318), we have been in contact with the facility itself. Valerie Tse, Environmental Permitting Advisor with Exxon, has agreed to personally redact any information Exxon believes we should not have. Can you please send her the complete engineering folders for the following applications for her to sort through?

The applications are also listed in the attached spreadsheet.

Applications:

477482

477483

487728

533847

Valerie's contact information is as follows:

Email: [valerie.b.tse@exxonmobil.com](mailto:valerie.b.tse@exxonmobil.com)

Work: 310-212-1781

Fax: 310-212-4681

I'll give you a call shortly to make sure we have the same understanding of the path forward.

Thanks so much!

Beth





**South Coast  
Air Quality Management District**  
21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

Information Management  
Public Records Unit

Direct Dial: (909) 396-3700  
FAX: (909) 396-3330

**PUBLIC RECORDS REQUEST FORM**

*PRU Office Use Only*  
**CONTROL NUMBER**

--

**ATTENTION REQUESTOR:** To expedite your request for District records, please fill out this form completely, and identify specifically the type of records you are requesting. Please limit your request to one facility or one site address for each request form filed, and three requested items per form. Additional forms or pages can be used if requesting information for more than one facility or for records not identified on this form. Requests should reasonably describe identifiable records prepared, owned, used, or retained by the District. Public Records Unit staff is available to assist you in identifying those records in the District's possession. The District is not required by law to create a new record or list from an existing record.

**REQUESTOR INFORMATION**

NAME: Beth Smoker	DATE: 04/06/2015
COMPANY: CH2M HILL	
MAILING ADDRESS: 2485 Natomas Park Dr.	
CITY: Sacramento	STATE: CA ZIP CODE: 95833
PHONE NUMBER: 916-286-0259	FAX NUMBER: 916-920-8463
EMAIL ADDRESS: Beth.Smoker @ch2m.com	

**REQUESTED RECORDS (3 items per form )**

<input checked="" type="checkbox"/> Applications (APPLS)	<input type="checkbox"/> Complaints	<input type="checkbox"/> Asbestos Notifications/Records
<input checked="" type="checkbox"/> Permits to Operate (P/O)	<input type="checkbox"/> Site Inspection Reports (I/R)	<input type="checkbox"/> Facility Potential to Emit (PTE)
<input type="checkbox"/> Equipment List Report (EQL)	<input type="checkbox"/> Emissions Summary	<input type="checkbox"/> Facility Positive Balance (NSR)
<input type="checkbox"/> Notices of Violation (NOV)	<input type="checkbox"/> Source Test Reports (S/T RPTS)	<input type="checkbox"/> Toxic-Health Risk Assessment (HRA)
<input type="checkbox"/> Notices to Comply (N/C)	<input type="checkbox"/> Air Monitoring Data	<input checked="" type="checkbox"/> Other (describe below or on additional pages):
Please provide complete application files including the facility's original application files, the SCAQMD engineering evaluation files, the issued permit to construct/permit to operate, and any other permit application related files, for each of the applications listed in the attachment.		
TIME PERIOD OF DOCUMENTS REQUESTED	From:	To:

**REQUESTED FACILITY INFORMATION (If Applicable)**

FACILITY NAME: EXXONMOBIL OIL CORPORATION		
FACILITY ADDRESS: 3700 W. 190th St		
CITY: Torrance	STATE: CA	ZIP CODE: 90504
FACILITY I.D. NO. (if known): 800089	APPL. AND/OR PERMIT NO. (if known):	

*Direct cost of duplication: \$.15 per page for paper copies (first 10 pages free) and \$5.00 per copied audio tape. No charge for copied Diskettes or CDs. Transfer of gathered electronic records onto CD or Diskette typically costs \$10.00 each, but costs will vary (see Instructions for Requesting Records).*

- I wish to inspect the requested records, where applicable, or receive the requested records electronically at no charge. I do not want copies produced at this time.
- I request that the SCAQMD contact me prior to copying the requested records if the cost exceeds \$20.00.
- I would like copies of the requested records and I hereby agree to reimburse the SCAQMD for the direct cost of duplication in accordance with Gov. Code Sec. 6253(b).

*Beth Smoker*

Signature of Requestor

**Exxon: Public Records Request**  
**List of Outstanding Relevant Applications**

EXXONMOBIL OIL CORPORATION - Facility 800089 Sources					
Appl_Nbr	Permit_Status (3/26/14)	Eq_Type	Equip_Description	Appl_Date	Appl_Status (3/26/14)
<a href="#">477482</a>	ACTIVE	Control	AFTERBURNER, DIRECT FLAME	1/24/2008	PERMIT TO OPERATE GRANTED
<a href="#">477483</a>	ACTIVE	Control	AFTERBURNER, DIRECT FLAME	1/24/2008	PERMIT TO OPERATE GRANTED
<a href="#">487728</a>	ACTIVE	Basic	HEATER/FURNACE (>50 MMBTU/HR)PROCESS GAS	9/3/2008	PERMIT TO OPERATE GRANTED
<a href="#">533847</a>	ACTIVE	Basic	BOILER (>50 MMBTU/HR) OTHER FUEL	3/14/2012	PERMIT TO OPERATE GRANTED

**From:** [Jacob Allen](#)  
**To:** [Smoker, Beth/SAC](#)  
**Cc:** [OB PR Support NA Docs](#)  
**Subject:** RE: Public Records Request #80935,  
**Date:** Wednesday, June 03, 2015 1:42:40 PM

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The facility has requested until July 18th to complete the review of the documents. They can request additional extensions as needed but let's hope they meet this date. Each facility's process is different and it is not unusual for them to run things through their legal department which can prolong the review process.

Once the documents are reviewed a declaration will be filled out with which pages, paragraphs, sentences, etc. are confidential or proprietary. The documents and this declaration will be sent to our Legal department to review what the facility is claiming to be confidential. Once the review is complete all of the pages, paragraphs, sentences, etc. that were declared confidential or proprietary will be redacted from your requested applications. You will receive everything that is not confidential or proprietary.

The entire process takes many months but in the end you will receive access to files that we normally would not release.

-----Original Message-----

From: Beth.Smoker@ch2m.com [<mailto:Beth.Smoker@ch2m.com>]  
Sent: Wednesday, June 3, 2015 1:31 PM  
To: Jacob Allen  
Cc: Elyse.Engel@ch2m.com  
Subject: RE: Public Records Request #80935,

Jacob, thank you for the update. Do you mean to say June 18th for the 15-day review period? Or is Exxon requesting until the 18th of July?

Also, remind me of the next steps? Exxon returns the information to SCAQMD and then it goes through legal on your end?

Thanks!

Beth

-----Original Message-----

From: Jacob Allen [<mailto:jallen2@aqmd.gov>]  
Sent: Wednesday, June 03, 2015 1:26 PM  
To: Smoker, Beth/SAC  
Cc: OB PR Support NA Docs  
Subject: RE: Public Records Request #80935,

Just wanted to provide you with an update regarding your request. The confidentiality process was started and the documents in question were provided to Edmund Golpashin at Exxon. He has informed me that they will need an extension beyond the 15 day review period and expects to have the review completed by July 18th, 2015. This is an estimation coming directly from ExxonMobil but if they have not completed their review by July 18 I will follow up with him.

-----Original Message-----

From: Jacob Allen  
Sent: Wednesday, May 27, 2015 3:36 PM  
To: 'Beth.Smoker@ch2m.com'  
Cc: OB PR Support NA Docs  
Subject: RE: Public Records Request #80935,

I apologize that it has taken this long to get started on the confidentiality process. We have been getting slammed with requests coming into our department and I lost focus on this request. Thank you for following up with me. I will make sure that the confidentiality process gets started immediately and you will be notified by certified mail. If you would like to check up on the status of this request please feel free to e-mail me directly or call me at 909-396-2282.

-----Original Message-----

From: Beth.Smoker@ch2m.com [<mailto:Beth.Smoker@ch2m.com>]  
Sent: Wednesday, May 27, 2015 3:04 PM  
To: Jacob Allen  
Cc: OB PR Support NA Docs; Elyse.Engel@ch2m.com  
Subject: RE: Public Records Request #80935,

Hi Jacob,

To follow-up from the voicemail I just left for you, can you please provide an update on the status of this request, specifically the confidentiality process? We have been in contact with Exxon, and Edmund Golpashin referred us back to Valerie Tse. If you can send both of them the information to redact that would be best. In an email from Valerie yesterday, she stated that they have not yet seen any files from SCAQMD. This is concerning for us because while we know that this is a lengthy process, the preliminary step of sending Exxon the data does not seem to have been made yet.

Thank you,  
Beth

-----Original Message-----

From: Smoker, Beth/SAC  
Sent: Thursday, May 07, 2015 12:21 PM  
To: 'Jacob Allen'  
Cc: OB PR Support NA Docs  
Subject: RE: Public Records Request #80935,

Hi Jacob,

We are still working on trying to touch base with Exxon directly. In the meantime, please continue with the confidentiality process!

Thanks,  
Beth

-----Original Message-----

From: Jacob Allen [<mailto:jallen2@aqmd.gov>]  
Sent: Friday, April 24, 2015 3:24 PM  
To: Smoker, Beth/SAC  
Cc: OB PR Support NA Docs  
Subject: RE: Public Records Request #80935,

I have received an e-mail response from Craig Sakamoto stating that Edmund Golpashin is the appropriate contact to send the confidential records to. Craig also CC'ed Valerie Tse so she is aware of what is going on with your request also. Please keep me posted if you have any new developments. I can get the confidentiality process started anyway just in case.

-----Original Message-----

From: Beth.Smoker@ch2m.com [<mailto:Beth.Smoker@ch2m.com>]  
Sent: Friday, April 24, 2015 3:18 PM  
To: Jacob Allen  
Subject: RE: Public Records Request #80935,

Hi Jacob,

Thanks so much for your email. I see I just missed your call as well. I just spoke with Colleen as well and she explained the option you laid out below. I appreciate your timely response to me today! We will contact Valerie and see if she is open to this option.

Have a nice weekend,  
Beth

-----Original Message-----

From: Jacob Allen [<mailto:jallen2@aqmd.gov>]  
Sent: Friday, April 24, 2015 3:03 PM  
To: Smoker, Beth/SAC  
Cc: OB PR Support NA Docs  
Subject: Public Records Request #80935,

I apologize for the delay. We have been swamped in our department and I have looked into your request but did not officially start the confidentiality process. The contact that you speak of, Valerie Tse, is not the contact person listed on the applications that you requested. Craig Sakamoto is the contact person listed for Applications 477482, 477483, 487728 & 533847. I have sent him an email regarding your request and am working on starting the confidentiality process.

If Valerie were to submit her own Public Records Request we could send them directly to her but in this instance without hearing from her or Craig Sakamoto we would have to go through the confidentiality process since you are the requestor.

-----Original Message-----

From: Beth.Smoker@ch2m.com [<mailto:Beth.Smoker@ch2m.com>]  
Sent: Friday, April 24, 2015 2:38 PM  
To: Jacob Allen  
Cc: Elyse.Engel@ch2m.com  
Subject: RE: Request for Records from the South Coast Air Quality Management District

Hi Jacob,

Are you able to provide a status update for this PRR? Control #80935.

I have been playing phone tag with Colleen regarding obtaining a better understanding of the confidentiality process for this request. We realize that this is a lengthy process so want to be clear on the exact information we need. We were wondering if when the files are sent to Exxon (ideally to our contact, Valerie Tse), if instead of having her flag everything that is confidential or not confidential, she could simply mark the documents she wants sent to use since she knows what we need?

This request is only for emission rates and exhaust parameters, so we would appreciate avoiding have to have Exxon sort through mounds of documents. Please feel free to call me to discuss (916.286.0259)

Thanks,

Beth Smoker

Environmental Scientist / CH2M HILL / 2485 Natomas Park Drive, Suite 600, Sacramento, CA 95833 /  
916.286.0259 / [beth.smoker@ch2m.com](mailto:beth.smoker@ch2m.com)

-----Original Message-----

From: Jacob Allen [<mailto:jallen2@aqmd.gov>]

Sent: Thursday, April 09, 2015 10:48 AM  
To: Smoker, Beth/SAC  
Subject: Request for Records from the South Coast Air Quality Management District

BETH SMOKER  
2485 NATOMAS PARK DR  
SACRAMENTO, CA 95833-

RE: Request for Records  
Control #: 80935  
Request: COMPLETE ENGRG APPL. FILES, P/O'S & ANY OTHER PERMIT APPLICATION RELATED FILES FOR APPL #'S 477482, 477483, 487728 & 533847, FOR EXXONMOBIL OIL CORPORATION, FAC ID #800089, AT 3700 W. 190TH ST., TORRANCE, CA 90504.

Your request for records has been received by the Public Records Unit and has been assigned for processing.

Your request in whole or in part, seeks disclosable public records that are in the possession of this agency.

When your requested records are ready, they will be sent electronically to your email address unless other arrangements are made or necessary.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m. Please reference your Control Number listed above in all communications and correspondence.

Sincerely,

JACOB ALLEN

For Colleen Paine  
Public Records Coordinator

**Attachment DR12-1R**  
**Revised Source List and Modeling Parameters for**  
**Cumulative Air Quality Impact Analysis**

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Redondo Beach Energy Project  
Attachment DR12-1R  
Cumulative Source List - Screening Facilities  
June 2015

Table 1  
Facilities to Include in Cumulative Analysis

Facility ID	Facility Name	Distance from RBEP (miles)	CO	Historical Emissions (tpy)				Notes	New Emissions (tpy)				Comments
				NO <sub>x</sub>	SO <sub>2</sub>	PM	MAX		CO	NO <sub>x</sub>	SO <sub>2</sub>	PM	
15794	NISSIN Foods (USA) Co., INC	5.8	5.32	1.76	0.051	2.92	5.32	Max of 2010-2012	29.2	5.71	0.25	2.85	Emissions and stack parameters for 12 natural gas boilers (7.1 - 8.2 MMBtu/hr) were scaled based on data received for similar 6.25 MMBtu/hr boiler (App # 539790).
115241	Boeing Satellite Systems, INC	5.4	8.06	4.71	0.079	1.00	8.06	Max of 2010-2012	6.34	2.00	0.33	1.33	Emissions and stack parameters for 16 natural gas boilers (2 MMBtu/hr) were scaled based on data received for similar 4.2 MMBtu/hr boiler (App # 516818).
115663	El Segundo Power, LLC	4.1	282	27.2	2.01	25.5	282	Max of 2010-2012	2,020	2,571	302	385	Repowering project. Files attained from CEC public records. Note that facility was included as part of the 1-hr NO <sub>2</sub> PSD analysis.
169168	T5 Los Angeles, LLC	4.8	N/A	N/A	N/A	N/A	N/A	AER Data Not Available	1.30	6.05	0.0080	0.080	Emissions and stack parameters for 9 emergency ICEs (779 - 3,633 bhp) are based on data sheets supplied by SCAQMD PRR.
800030	Chevron Products Co.	4.6	1,052	735	425	270	1,052	Max of 2010-2012		Not Available			Emissions and stack parameters provided by SCAQMD PRR and/or correspondence with facility personnel. Note that facility was included as part of the 1-hr NO <sub>2</sub> PSD analysis.
800075	LA City, DWP Scattergood Generating Station	4.9	485	52.0	41.7	31.4	485	Max of 2010-2012	208	154	7.70	73.7	Repowering project. Files attained from SCAQMD public records. Note that facility was included as part of the 1-hr NO <sub>2</sub> PSD analysis.
800089	ExxonMobil Oil Company	3.4	1,299	818	347	510	1,299	Max of 2010-2012		Not Available			Emissions and stack parameters provided by SCAQMD PRR and/or assumed based on similar sources. Note that facility was included as part of the 1-hr NO <sub>2</sub> PSD analysis.
800214	LA City, Sanitation Bureau (HTP)	5.8	3.85	8.45	0.75	11.8	11.8	Max of 2010-2012	310	195	90.37	21.9	Emissions and stack parameters for 3 natural gas turbines (95 MMBtu/hr), 2 digester/natural gas boilers (62 and 29 mmbtu/hr), and 1 EICE (856 bhp) are based on data sheets supplied by SCAQMD PRR.

Notes:  
Facilities in this table are within 10 km of RBEP and submitted permit applications to the SCAQMD between January 2006 and May 2013 with potential emissions greater than 5 tpy of NO<sub>x</sub>, CO, SO<sub>2</sub>, and/or PM<sub>10/2.5</sub>.

Table 2  
Facilities with New Permitted Sources with PTE Below the 5 Ton per Year Threshold

Facility ID	Facility Name	Distance from RBEP (miles)	CO	Historical Emissions (tpy)				Notes	New Emissions (tpy)				Comments
				NO <sub>x</sub>	SO <sub>2</sub>	PM	MAX		CO	NO <sub>x</sub>	SO <sub>2</sub>	PM	
9755	United Airlines, INC	6.0	12.0	13.7	0.30	1.39	13.7	Max of 2010-2012	0	0	0	0	Facility did not submit any permit applications that were subject to cumulative modeling.
18294	Northrop Grumman Corp., Aircraft Div.	4.7	5.59	10.2	0.071	0.82	10.2	Max of 2010-2012	3.01	0.59	0.026	0.29	Emission totals are below the modeling threshold.
115172	Raytheon Company	4.4	5.60	9.52	0.047	2.51	9.52	Max of 2010-2012	0.21	0.39	0.013	0.012	Emissions data was not available for one source (9 kW oven). However, emissions from this source are unlikely to bring the total emissions above the modeling threshold.
148236	Air Liquide Large Industries U.S., LP	4.6	4.36	18.3	1.15	3.53	18.3	Max of 2010-2012	0	0	0	0	Facility did not submit any permit applications that were subject to cumulative modeling.
800312	LA Co. Harbor, UCLA Medical Center	5.9	1.43	5.30	0.076	1.47	5.30	Max of 2010-2012	0.16	1.27	0.0015	0.0030	Emission totals are below the modeling threshold.
800335	LA City, Dept. of Airports	2.9	68.8	48.7	0.37	39.2	68.8	Max of 2010-2012	2.56	2.14	0.018	0.10	SO <sub>2</sub> data were not available for all of the permitted equipment. However, emission totals are expected to be well below the modeling threshold.
800408	Northrop Grumman Systems	3.7	7.14	6.70	0.069	2.00	7.14	Max of 2010-2012		Not Available			Detailed source data for three semiconductor processes, one soldering machine, one 2.97 MMBtu/hr boiler, and one oven were unavailable from SCAQMD PRR. However, due to the descriptions of these processes, it is unlikely that they will exceed the modeling threshold.
800409	Northrop Grumman Systems Corporation	3.2	13.1	11.4	0.098	1.10	13.1	Max of 2010-2012	0.25	0.44	-	0.014	SO <sub>2</sub> data were not available for the two emergency ICEs permitted (237 and 1,502 bhp). However, emission totals are expected to be well below the modeling threshold.

Notes:  
Facilities in this table are within 10 km of RBEP and submitted permit applications to the SCAQMD between January 2006 and May 2013 with expected potential emissions less than 5 tpy of NO<sub>x</sub>, CO, SO<sub>2</sub>, or PM<sub>10/2.5</sub>.



Redondo Beach Energy Project  
Attachment DR12-1R  
Cumulative Source List - Screening Facilities  
June 2015

Table 3  
Facilities with Total Facility PTE Below the 5 Ton per Year Threshold

Facility ID	Facility Name	Distance from RBEP (miles)	Historical Emissions (tpy)					Notes
			CO	NO <sub>x</sub>	SO <sub>2</sub>	PM	MAX	
9243	Torrance Memorial Medical Center	4.1	N/A	N/A	N/A	N/A	0	AER Data Not Available
10991	LA City, Hyperion Treatment Plant	5.8	N/A	N/A	N/A	N/A	0	AER Data Not Available
15509	US Govt., AF Dept., LA AFB, Area B	4.5	1.10	2.49	0.030	0.20	2.49	Max of 2004-2006
24520	LA Cnty. Sanitation District, Palos Verdes	5.3	0.22	4.82	3.09	2.14	4.82	Max of 2010-2012
24812	Farmer Bros. Co.	5.3	0.22	1.26	0.0030	3.37	3.37	Max of 2010-2012
52191	Verizon California, INC	1.6	N/A	N/A	N/A	N/A	0	AER Data Not Available
53611	Chevron Products Co.	4.6	N/A	N/A	N/A	N/A	0	AER Data Not Available
62649	California Portland Cement Co.	4.2	0	0	0	0.060	0.060	2010 Total
82513	Brea Canyon Oil Co., INC	6.0	0.78	0.19	0.0010	0.40	0.78	Max of 2010-2012
100806	Robinson Helicopter Co., INC	5.0	0.33	1.24	0.0050	0.10	1.24	Max of 2010-2012
102334	MOOG, INC	4.7	0.91	1.38	0.0070	2.44	2.44	Max of 2010-2012
114997	Raytheon Company	5.4	1.78	2.69	0.012	0.30	2.69	2009 Total
134943	Alcoa Global Fasteners, INC, South Bay	4.4	0.94	2.22	0.011	0.20	2.22	Max of 2010-2012
145389	Sweet Ovations	5.7	0.25	0.42	0.0070	1.10	1.10	Max of 2010-2012
146909	Prov. Hlth. Sys., Little Co. Mary Med. Ctr. Tor.	2.3	N/A	N/A	N/A	N/A	0	AER Data Not Available
148060	TOYOTA Motor Eng. & Mfg. North America	5.1	N/A	N/A	N/A	N/A	0	AER Data Not Available
150973	RREEF America REIT III Corp. GG2	4.1	0.53	0.90	0.012	0.44	0.90	Max of 2006-2007
151346	California Portland Cement Co.	4.9	N/A	N/A	N/A	N/A	0	AER Data Not Available
156049	Americas Styrenics, LLC	3.6	2.33	1.24	0.022	0.50	2.33	Max of 2010-2012
163088	ARKEMA, INC	3.3	0.24	0.37	0.0020	0.025	0.37	2012 Total
165192	Triumph Aerostructures, LLC	5.7	1.58	2.68	0.015	0.34	2.68	Max of 2011-2012
800003	Honeywell International, INC	4.2	3.01	2.62	0.031	1.53	3.01	Max of 2010-2012
800067	The Boeing Company	5.3	1.35	1.70	0.0080	0.45	1.70	Max of 2010-2012
800196	American Airlines, INC (EIS USE)	6.0	3.06	4.56	0.069	1.75	4.56	Max of 2010-2012

Notes:

Facilities in this table are within 10 km of RBEP and have a facility PTE of less than 5 tpy, making it unlikely that new sources (individual emission units) permitted would exceed the 5 tpy modeling threshold.

Facilities for which AER data were unavailable were assumed to emit less than the SCAQMD AER reporting limit of 4 tpy of NO<sub>x</sub>, SO<sub>2</sub>, or PM.

Redondo Beach Energy Project  
Attachment DR12-1R  
Cumulative Source List - Facility Source Lists and Modeling Parameters  
June 2015

Table 4  
Complete Source List for Modeling

Facility ID	Source Information				Stack Parameters					Hourly Emissions (lbs/hr)					Annual Emissions (lbs/yr)			Annual Emissions (tpy)				Notes
	Facility Name	App #	Source Type	Source Size	Size Units	Height (ft)	Diameter (ft)	Temperature (°F)	Velocity (ft/s)	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10/2.5</sub>	
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	8.20	MMBtu/hr	15.0	2.17	450	11.8	0.12	0.61	0.0052	0.059	0.059	1,039	519	519	0.52	2.66	0.023	0.26	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	8.20	MMBtu/hr	15.0	2.17	450	11.8	0.12	0.61	0.0052	0.059	0.059	1,039	519	519	0.52	2.66	0.023	0.26	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.79	MMBtu/hr	15.0	2.17	450	11.8	0.11	0.58	0.0050	0.0561	0.0561	987	492	492	0.49	2.52	0.022	0.25	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.79	MMBtu/hr	15.0	2.17	450	11.8	0.11	0.58	0.0050	0.0561	0.0561	987	492	492	0.49	2.52	0.022	0.25	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.79	MMBtu/hr	15.0	2.17	450	11.8	0.11	0.58	0.0050	0.0561	0.0561	987	492	492	0.49	2.52	0.022	0.25	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.79	MMBtu/hr	15.0	2.17	450	11.8	0.11	0.58	0.0050	0.0561	0.0561	987	492	492	0.49	2.52	0.022	0.25	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.79	MMBtu/hr	15.0	2.17	450	11.8	0.11	0.58	0.0050	0.0561	0.0561	987	492	492	0.49	2.52	0.022	0.25	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
15794	NISSIN Foods (USA) Co., INC	N/A	Boiler	7.09	MMBtu/hr	15.0	2.17	450	11.8	0.10	0.52	0.0045	0.051	0.051	899	448	448	0.45	2.30	0.020	0.22	Source parameters and emissions based on scaling of similar sized boilers (App. #539790). Assumed stack had an exit velocity of 2,600 acfm.
115241	Boeing Satellite Systems, INC	488080	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488081	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488082	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488083	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488084	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488085	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.
115241	Boeing Satellite Systems, INC	488086	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.

Redondo Beach Energy Project  
Attachment DR12-1R  
Cumulative Source List - Facility Source Lists and Modeling Parameters  
June 2015

Table 4  
Complete Source List for Modeling

Facility ID	Source Information						Stack Parameters				Hourly Emissions (lbs/hr)					Annual Emissions (lbs/yr)			Annual Emissions (tpy)				Notes
	Facility Name	App #	Source Type	Source Size	Size Units	Height (ft)	Diameter (ft)	Temperature (°F)	Velocity (ft/s)	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10/2.5</sub>		
115241	Boeing Satellite Systems, INC	488087	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488088	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488089	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488090	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488091	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488092	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488093	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488094	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115241	Boeing Satellite Systems, INC	488095	Boiler	2	MMBtu/hr	17.0	1.33	280	16.7	0.029	0.090	0.0048	0.019	0.019	250	166	166	0.12	0.40	0.021	0.083	Source parameters and emissions based on scaling of similar sized boilers (App. #516818). Assumed stack had an exit velocity of 1,400 acfm.	
115663	El Segundo Power, LLC	470652	Turbine	179	MW	210	20.0	334	46.7	18.3	11.1	1.76	15.0	15.0				76.5	46.8	6.18	52.4	Emissions from ESPR Final Commission Decision. Source parameters taken from the RBEP PSD modeling.	
115663	El Segundo Power, LLC	470656	Turbine	179	MW	210	20.0	334	46.7	18.3	11.1	1.76	15.0	15.0				76.5	46.8	6.18	52.4	Emissions from ESPR Final Commission Decision. Source parameters taken from the RBEP PSD modeling.	
115663	El Segundo Power, LLC	548589	Turbine	57.4	MW	150	11.2	737	88.3	4.78	4.65	0.30	5.00	5.00				18.9	45.6	0.70	12.0	Emissions from ESPFM PDOC. Source parameters taken from the RBEP PSD modeling.	
115663	El Segundo Power, LLC	548590	Turbine	57.4	MW	150	11.2	737	88.3	4.78	4.65	0.30	5.00	5.00				18.9	45.6	0.70	12.0	Emissions from ESPFM PDOC. Source parameters taken from the RBEP PSD modeling.	
115663	El Segundo Power, LLC	548593	Boiler	36	MMBtu/hr	15.0	1.67	300	37.4	0.059	0.34	0.0053	0.078	0.078				0.26	1.48	0.020	0.35	Emissions and stack temperature from ESPFM PDOC. Other stack parameters from similarly sized boiler at LA City Sanitation (App. #522847).	
115663	El Segundo Power, LLC	548594	Turbine	222	MW	210	20.0	209	40.7	19.7	12.0	1.42	11.3	11.3				58.9	81.9	3.72	30.7	Emissions from ESPFM PDOC. Source parameters taken from the RBEP PSD modeling.	
169168	T5 Los Angeles, LLC	527568	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.	
169168	T5 Los Angeles, LLC	527569	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.	
169168	T5 Los Angeles, LLC	527570	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.	
169168	T5 Los Angeles, LLC	527571	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.	
169168	T5 Los Angeles, LLC	527572	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.	

Redondo Beach Energy Project  
Attachment DR12-1R  
Cumulative Source List - Facility Source Lists and Modeling Parameters  
June 2015

Table 4  
Complete Source List for Modeling

Facility ID	Source Information				Stack Parameters					Hourly Emissions (lbs/hr)					Annual Emissions (lbs/yr)			Annual Emissions (tpy)				Notes
	Facility Name	App #	Source Type	Source Size	Size Units	Height (ft)	Diameter (ft)	Temperature (°F)	Velocity (ft/s)	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10/2.5</sub>	
169168	T5 Los Angeles, LLC	527574	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.
169168	T5 Los Angeles, LLC	527575	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.
169168	T5 Los Angeles, LLC	527576	EICE	779	bhp	16.4	0.67	942	183	4.89	3.14	0.0080	0.16	0.16	245	8.00	8.00	0.12	0.079	0.00020	0.0040	Caterpillar Model C-15. 50 hrs/yr operation. Assumed stack had an exit velocity of 3,842 acfm. Data available in App. #527576.
169168	T5 Los Angeles, LLC	527577	EICE	3,633	bhp	16.4	1.50	915	185	29.6	6.09	0.039	0.38	0.38	1,482	19.0	19.0	0.74	0.15	0.00098	0.0095	Caterpillar Model 3516C-HD. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,579 acfm. Data available in App. #527568.
800030	Chevron Products Co.	470782	Turbine	49.9	MW	87.5	10.5	238	45.1	7.34	2.98	10.5	0	0	65,200	0	0	32.6	13.2	46.1	0	49.9 MW Cogen Train D. Emissions from Chevron EIR, May 9, 2008, Table C-2 (footnote in Table C-1 indicates no overall increase in PM emissions from Chevron cogen facilities). Stack parameters from Chevron HRA, May 9, 2008, Table 3 (New Cogen).
800030	Chevron Products Co.	480558	Tail Gas Incinerator	0.747	MMscfd	151	8.3	227.2	14.7	5.56	12.7	5.80	0.24	0.24				24.4	55.6	25.4	1.04	Emissions from Chevron EIR, May 9, 2008, Table C-3. Stack parameters from Chevron HRA, May 9, 2008, Table 3 (TGU Stack).
800030	Chevron Products Co.	521770	Flare	40	MMscfd	60.0	21.0	1,720	27.3	0	0	0	0	0	13,224	121	121	1.51	1.15	0.0016	0.060	Modify ground flare for Steam Reformer for 4 each of two types of events per year, model annual only. Emissions information provided via e-mail by P. Allen/Chevron. Height and diameter taken from App. #457257. Temperature and velocity assumed based on engineering judgment for a similar source.
800075	LA City, DWP Scattergood Generating Station	536783	Turbine	2,081	MMBtu/hr	213	19.0	200	63.8	15.3	9.32	1.23	10.0	10.0				83.6	157	5.10	43.5	General Electric &FA.05. 24-7 operation. This is a replacement of existing SGS Unit 3 with a new high efficiency system equipped w/ SCR/CO Catalyst. Assumed stack had an exit velocity of 1,157,900 acfm. Data from App. #536783.
800075	LA City, DWP Scattergood Generating Station	536801	EICE	3,622	bhp	18.0	1.67	922	146	29.5	5.35	0.040	0.056	0.056				0.74	0.13	0.0010	0.0020	Catepillar 3516C DITA. 50 hrs/yr operation. Assumed stack had an exit velocity of 19,049 acfm. Data from App. #536801.
800075	LA City, DWP Scattergood Generating Station	536803	Turbine	904	MMBtu/hr	100	13.5	731	94.3	8.28	8.06	0.53	5.70	5.70				34.6	25.3	1.30	15.1	General Electric LMS100. 24-7 operation. Assumed stack had an exit velocity of 9,366,634 acfm. Data from App. #536803.
800075	LA City, DWP Scattergood Generating Station	536805	Turbine	904	MMBtu/hr	100	13.5	731	94.3	8.28	8.06	0.53	5.70	5.70				34.6	25.3	1.30	15.1	General Electric LMS100. 24-7 operation. Assumed stack had an exit velocity of 9,366,634 acfm. Data from App. #536805.
800089	ExxonMobil Oil Company	473142	Boiler	340	MMBtu/hr	50.0	21.4	302	4.34	16.5	0	0	0	0	2,906	0	0	1.45	0	0	0	Application was an update to include SU/SD. The result is an increase only in NOx emissions. The total number of SU/SD hours per year will be 144 hours, and will result in an hourly increase (over SS) of 16.48 lb/hr and an annual emissions increase of 2,906 lb/yr. Stack parameters were assumed based on engineering judgment of similar source types.
800089	ExxonMobil Oil Company	473143	Boiler	340	MMBtu/hr	50.0	21.4	302	4.34	16.5	0	0	0	0	2,906	0	0	1.45	0	0	0	Application was an update to include SU/SD. The result is an increase only in NOx emissions. The total number of SU/SD hours per year will be 144 hours, and will result in an hourly increase (over SS) of 16.48 lb/hr and an annual emissions increase of 2,906 lb/yr. Stack parameters were assumed based on engineering judgment of similar source types.

Redondo Beach Energy Project  
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June 2015

Table 4  
Complete Source List for Modeling

Facility ID	Source Information			Stack Parameters						Hourly Emissions (lbs/hr)					Annual Emissions (lbs/yr)			Annual Emissions (tpy)				Notes
	Facility Name	App #	Source Type	Source Size	Size Units	Height (ft)	Diameter (ft)	Temperature (°F)	Velocity (ft/s)	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	PM <sub>10/2.5</sub>	
800089	ExxonMobil Oil Company	477482	Afterburner, Direct Flame	2.5	MMBtu/hr	24.0	4.00	1,200	3.72	0.31	0	0	0.050	0.050	2,708	437	437	1.35	0	0	0.22	App. #477482 was not available; however, the 3 previous applications were provided. Emissions data and stack parameters were taken from App. #358112 (pages 13-16 and 45-46). App. #358112 was for a modification to the incinerator by connecting the bar screen scrapers and the pump pit. Exit velocity was calculated from the assumed flow for two 7.5 hp and one 3 hp combustion blowers, as obtained from Grainger Spec Sheets.
800089	ExxonMobil Oil Company	487728	Heater/Furnace	94	MMBtu/hr	50.0	6.08	700	37.05	2.32	3.90	2.72	3.61	3.61				10.2	17.1	11.9	15.8	Lummus Company model. App. #487728 was not available; however, a previous application was provided. Emissions data from App. #225033 (page 5), assuming values presented are listed as #.## instead of ###. Diameter and Temperature also from App. #225033 (page 25). Height and Velocity assumed based on engineering judgment of similar source types.
800089	ExxonMobil Oil Company	519368	EICE	323	hp	10.0	0.33	1,058	377	1.57	1.01	0.10	0.084	0.084	78.3	4.20	4.20	0.039	0.025	0.0026	0.0021	CARB Tier 3 engine per Cummins Specs for CFP9E-F30. Emissions and stack parameters from Cummins Spec sheet, unless noted otherwise. SO2 emissions calculated from a fuel consumption of 16.7 gal/hr (Cummins Spec sheet) and an emission factor of 6.24 lb/1,000 gal (SCAQMD Permit). Stack diameter determined from a manufacturer drawing. Stack height assumed based on engineering judgment.
800089	ExxonMobil Oil Company	533847	Boiler	309	MMBtu/hr	50.0	19.4	302	4.77	7.63	12.8	8.94	11.9	11.9				33.4	56.2	39.2	52.0	App. #533847 and previous applications were not available. Stack parameters were assumed based on engineering judgment of similar source types. Emissions data were scaled from those presented for App. #487728 (as taken from App. #225033).
800214	LA City, Sanitation Bureau (HTP)	488129	EICE	856	bhp	16.4	0.67	942	183	6.91	2.00	0.30	0.92	0.92				0.17	0.050	0.0075	0.023	CAT C-15, 6 cyl, 41.4 gal diesel/hr. Emissions data from SCAQMD Engineer. Source parameters based on scaling of similar sized generator (App. #527576).
800214	LA City, Sanitation Bureau (HTP)	519527	Turbine	95.1	MMBtu/hr	127	10.0	210	17.3	11.7	16.7	0.67	1.47	1.47				50.3	73.7	3.00	6.33	Solar Mars 100. 2 of the 3 turbines are used for normal operation; the third is used for peak demand. Assumed stack had an exit velocity of 81,616 acfm. Data from Form 400-E-12.
800214	LA City, Sanitation Bureau (HTP)	519528	Turbine	95.1	MMBtu/hr	127	10.0	210	17.3	11.7	16.7	0.67	1.47	1.47				50.3	73.7	3.00	6.33	Solar Mars 100. 2 of the 3 turbines are used for normal operation; the third is used for peak demand. Assumed stack had an exit velocity of 81,616 acfm. Data from Form 400-E-12.
800214	LA City, Sanitation Bureau (HTP)	519532	Turbine	95.1	MMBtu/hr	127	10.0	210	17.3	11.7	16.7	0.67	1.47	1.47				50.3	73.7	3.00	6.33	Solar Mars 100. 2 of the 3 turbines are used for normal operation; the third is used for peak demand. Assumed stack had an exit velocity of 81,616 acfm. Data from Form 400-E-12.
800214	LA City, Sanitation Bureau (HTP)	522846	Boiler	62	MMBtu/hr	125	3.59	550	80.6	6.84	13.9	12.7	0.44	0.44				29.9	60.8	55.6	1.94	Height and temperature provided by SCAQMD Engineer. Diameter and velocity scaled from those presented for App. #522847. Emissions estimated using on the following emission factors (provided by SCAQMD Engineer): 30 ppmv NOx, 100 ppmv CO, and 40 ppmv SO2 for digester gas and 7.5 lb/MMscf PM for natural gas.
800214	LA City, Sanitation Bureau (HTP)	522847	Boiler	28.8	MMBtu/hr	15.0	1.67	320	37.4	3.18	6.44	5.89	0.21	0.21				13.9	28.2	25.8	0.90	Stack parameters provided by SCAQMD Engineer. Emissions estimated using on the following emission factors (provided by SCAQMD Engineer): 30 ppmv NOx, 100 ppmv CO, and 40 ppmv SO2 for digester gas and 7.5 lb/MMscf PM for natural gas.