County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

August 14, 2015

[redacted]

South Lake Tahoe, CA 96150

RE: Recurring Complaints – Tahoe Asphalt, 1104 Industrial Avenue South Lake Tahoe

[redacted]

The El Dorado County Air Quality Management District (District) has reviewed the Tahoe Asphalt complaint and inspection history. Numerous complaint and compliance inspections have been performed. District staff is unable to find any District Rule violation at this time. Efficient public agency operation necessitates implementation of procedure for your District interaction.

Submitting Complaints
You may continue to submit complaints using these methods:

1. By email to aqmd@edcgov.us
2. By fax to 530-295-2774
3. By correspondence to EDC AQMD 330 Fair Lane, Placerville, CA 95667

Communicating with the District
Please limit your District interaction to the methods above. Please refrain from contacting staff in any other manner.

Communication from the District
The District will investigate complaints. You will receive written outcome notification of any District Rule violation confirmation resulting from your complaint. You can assume no violation confirmation if you do not receive notification within 30 days of complaint submittal.

Thank you for cooperating. Procedure adherence will allow efficient public agency operation.

Sincerely,

David Johnston

Dave Johnston, APCO

County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

[redacted]
South Lake Tahoe, California 96150

July 13, 2015

[redacted]

Tahoe Asphalt, Inc. located at 1104 Industrial Avenue, South Lake Tahoe, CA has multiple active permits to operate with El Dorado County Air Quality Management District (AQMD). AQMD staff have verified that Tahoe Asphalt, Inc. is in compliance with the permits to operate conditions.

Respectfully,

Dave Johnston
Air Pollution Control Officer

Rania Serieh <rania.serieh@edcgov.us>

Tahoe Asphalt Inspection Report Dated 11/05/2014

4 messages

Rania Serieh <rania.serieh@edcgov.us> Wed, Jun 3, 2015 at 5:02 PM
To: "Salazar, Matt" <salazar.matt@epa.gov>

Hi Matt:

Attached please find a copy of my inspection report carried out on November 5, 2014. The inspection concluded that Tahoe Asphalt completed the modification listed in their Authority to Construct (AC) 08-167. During the time of the inspection, and to verify compliance with AC 08-167, the facility produced one load truck of 2 tons asphalt. At the drop-out zone, there was no exceedance in opacity reading of more than 20% on Ringelmann chart for periods aggregating more than 3 minutes. Also, Visible Emission Evaluation (VEE) reading was 0% opacity at the facility's boundary line. Tahoe Asphalt has restarted their seasonal operation in late May of this year. I am planning to pay a visit to the site next week to conduct VEE and verify compliance while they are in full operation. Please let me know should you have comments or questions.

Regards,

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

Tahoe Asphalt Inspection Report 11-5-14.PDF
1483K

Salazar, Matt <Salazar.Matt@epa.gov> Wed, Jun 3, 2015 at 5:04 PM
To: Rania Serieh <rania.serieh@edcgov.us>

Thank you (end of msg)

From: Rania Serieh [mailto:rania.s[redacted]eh@edcgov.us]
Sent: Wednesday, June 03, 2015 5:03 PM
To: Salazar, Matt
Subject: Tahoe Asphalt Inspection Report Dated 11/05/2014

[Quoted text hidden]

Salazar, Matt <Salazar.Matt@epa.gov> Wed, Jun 3, 2015 at 5:14 PM
To: Rania Serieh <rania.serieh@edcgov.us>
Cc: "Jones, Joel E." <Jones.Joel@epa.gov>

Rania,

Thank you. You and your district did a great job going above and beyond in this, I appreciate your efforts (and fast response).

Thanks,

Matt

From: Rania Serieh [mailto:rania.serieh@edcgov.us]
Sent: Wednesday, June 03, 2015 5:03 PM
To: Salazar, Matt
Subject: Tahoe Asphalt Inspection Report Dated 11/05/2014

Hi Matt:

[Quoted text hidden]

Dave Johnston <dave.johnston@edcgov.us> Wed, Jun 3, 2015 at 9:54 PM
To: "Salazar, Matt" <Salazar.Matt@epa.gov>
Cc: AQ-ALL-m <aq-all-m@edcgov.us>

Hey thanks Matt. Appreciate the feedback. EDC AQMD does have great, hardworking staff.

Sent from my iPhone

On Jun 3, 2015, at 2:19 PM, Salazar, Matt <Salazar.Matt@epa.gov> wrote:

Hi Dave,

Wanted to say (and I expressed this to my management as well) what a great job you and your team (Rania specifically) did on Tahoe Asphalt, getting them to control above and beyond the typical requirements. I appreciate how responsive your team has been to my requests, it's great having partners like EDC AQMD.

Thank you,

Matt

From: Rania Serieh [ma[redacted].rania.serieh@edcgov.us]
Sent: Wednesday, June 03, 2015 5:03 PM
To: Salazar, Matt
Subject: Tahoe Asphalt Inspection Report Dated 11/05/2014

Hi Matt:

[Quoted text hidden]

Rania Serieh <rania.serieh@edcgov.us>

future Emails

2 messages

russ crawford <tarbabe@sbcglobal.net> Fri, May 15, 2015 at 9:47 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>, Jan Schutze <js@schutze-inc.com>, Rania Serieh <rania.serieh@edcgov.us>, Dennis Brown <dbrown@esengr.com>, "Russell W. Snyder" <info@calapa.net>, Jim Marino <jmarino@cityofslt.us>

As of 5-14-2015 I am no longer affiliated with Tahoe Asphalt as I am retiring. . Please direct your Emails to dale@tahoeasphalt.com and sheila@tahoeasphalt.com It has been a pleasure working with you over the last 24 years. I am sure that my successors will continue my high level of service.

Rania Serieh <rania.serieh@edcgov.us> Mon, May 18, 2015 at 4:38 PM
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Jan Schutze <js@schutze-inc.com>, Dennis Brown <dbrown@esengr.com>, "Russell W. Snyder" <info@calapa.net>, Jim Marino <jmarino@cityofslt.us>, Lisa Petersen <lisa.petersen@edcgov.us>

Russ:

It was a pleasure working with you. Thank you for all your work and cooperation in willing to be in compliance and protecting your community from odor nuisance. Wish you all the best. Happy Retirement!

Regards,

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

On Fri, May 15, 2015 at 9:47 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

As of 5-14-2015 I am no longer affiliated with Tahoe Asphalt as I am retiring. . Please direct your Emails to dale@tahoeasphalt.com and sheila@tahoeasphalt.com It has been a

Lisa Petersen <lisa.petersen@edcgov.us>

future Emails

3 messages

russ crawford <tarbabe@sbcglobal.net> Fri, May 15, 2015 at 9:47 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>, Jan Schutze <js@schutze-inc.com>, Rania Serieh <rania.serieh@edcgov.us>, Dennis Brown <dbrown@esengr.com>, "Russell W. Snyder" <info@calapa.net>, Jim Marino <jmarino@cityofslt.us>

As of 5-14-2015 I am no longer affiliated with Tahoe Asphalt as I am retiring. . Please direct your Emails to dale@tahoeasphalt.com and sheila@tahoeasphalt.com It has been a pleasure working with you over the last 24 years. I am sure that my successors will continue my high level of service.

Lisa Petersen <lisa.petersen@edcgov.us> Fri, May 15, 2015 at 9:52 AM
To: russ crawford <tarbabe@sbcglobal.net>

Russ - thanks for all your hard work and time spent to alleviate odor complaints in the last few years. I will miss your sense of humor and I wish you the best!

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

On Fri, May 15, 2015 at 9:47 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

> As of 5-14-2015 I am no longer affiliated with Tahoe Asphalt as I am retiring. . Please direct your Emails to dale@tahoeasphalt.com and sheila@tahoeasphalt.com It has been a pleasure working with you over the last 24 years. I am sure that my successors will continue my high level of service.

Lisa Petersen <lisa.petersen@edcgov.us> Fri, May 15, 2015 at 1:56 PM
To: Dave Johnston <dave.johnston@edcgov.us>

fyi

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us>

Re: Hazardous Materials Spill Report: Cal OES Control #:15-2693

1 message

Dave Johnston <dave.johnston@edcgov.us> Thu, May 14, 2015 at 3:54 PM
To: Karen Bender <karen.bender@edcgov.us>
Cc: Barbara Houghton <barbara.houghton@edcgov.us>, Krista Costantini <krista.Costantini@edcgov.us>, Mark Moss <mark.moss@edcgov.us>, AQ-ALL-m <aq-all-m@edcgov.us>

Thanks Karen:

This is an ongoing odor complaint, not a release.

Thank you for working with us to improve air quality.
Dave Johnston
Air Pollution Control Officer
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
530-621-7578 phone, 530-295-2774 fax

On Thu, May 14, 2015 at 3:52 PM, Karen Bender <karen.bender@edcgov.us> wrote:
I believe this is an ongoing complaint.

Karen Bender, REHS, RD
Supervising Environmental Health Specialist

County of El Dorado
Community Development Agency
Environmental Management Division
3368 Lake Tahoe Blvd. Suite 303
South Lake Tahoe, CA 96150
(530) 573-3453 / FAX (530) 542-3364
karen.bender@edcgov.us

------ Forwarded message ------
From: **Warning Center** <Warning.Center@oes.ca.gov>
Date: Thu, May 14, 2015 at 3:47 PM
Subject: Hazardous Materials Spill Report: Cal OES Control #:15-2693
To: Karen.Bender@edcgov.us

Please confirm receipt via email or call 916-845-8911

Governor's Office of Emergency Services
Hazardous Materials Spill Report

DATE: 05/14/2015 | RECEIVED BY Cal OES: Michael Pace | Cal OES CNTRL #:15-2693
TIME: 1503 | RECEIVED BY OSPR: | NRC#:1116557

Spoke w/ Randall Perez 5/15/15 @ 1:30 pm + informed him of EDC AQMD complaint response policy + actions taken.
No further action req'd at this time.
LP

1.a. PERSON NOTIFYING Cal O

1. NAME: XXX | 2. AGENCY: NRC
3. PHONE #: 800-424-8802 | 4. EXT: | 5. PAGER #:

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME: Anonymous | 2. AGENCY: Private Citizen
3. PHONE #: 111-111-1111 | 4. EXT: | 5. PAGER #:

---

2. SUBSTANCE TYPE:

a. SUBSTANCE: / b.QTY: / Amount / Measure / c. TYPE / d. OTHER / e. PIPELINE / f. Vessel Over => 300 tons

1. Propionic / = / Unknown / Unknown / VAPOR / / No / No

2. See description below / = / Unknown / Unknown / VAPOR / / No / No

3.

g. DESCRIPTION: Per NRC: "Caller is reporting an asphalt company that is releasing toxic chemicals into the air, caller stated that he received an emissions report from air quality management division on 02-July-2014, caller stated that he is suffering from various health reasons suspected to be from various chemicals that have been dispersed into the air."

Remedial Actions: "Caller stated that when the County came out they didn't smell anything because there was not any truck loadout at that time, caller also stated that several other families have been affected by these chemicals in the neighborhood."

Substances / Released Materials: Reporting party states unknown amounts of the following substances were released:
"Acetaldehyde, Anthracene, Benzene, Chromic Anhydride, Carbon Monoxide, Ethylbenzene, Hexane, Mercury, Arensnic, Benzo(A)Anthracene, Benzo (A)Pyrene, Benzo(A,H)Anthracene, Benzo(B)Fluoranthene, Benzo(K), Beryilium, Cadmium, Chrysene, Copper, Dibenz(A,H), Indeno(1,2,3,-Cd)Pyrene, Lead Cancer, Manganese, Nickel, Selenium, Silica Crystalline, Xylenes, Naphthalene, Diesel, Polycylic Aromatic Hydrocarbons, Propionic Anhydride, Sulfur Dioxide, Toluene, Unknown Material, And Propionic Anhydride."

h. CONTAINED: Unknown | i. WATER INVOLVED: No
j. WATERWAY: | k. DRINKING WATER IMPACTED: No
l. KNOWN IMPACT: Unknown

3.a. INCIDENT LOCATION: 1104 INDUSTRIAL AVE (TAHOE ASPHALT, TAHOE SAND AND GRAVEL)

b. CITY: South Lake Tahoe | c. COUNTY: El Dorado County | d. ZIP:

---

4. INCIDENT DESCRIPTION:

a. DATE: 5/13/2015 | b. TIME(Military): 0830 | c. SITE: Residence | d. CAUSE: Unknown
e. INJURIES: No | f. FATALITY: No | g. EVACUATIONS: No | h. CLEANUP BY: Unknown
e. INJURIES #: | f. FATALS #: | g. EVACS #:

---

5. SUSPECTED RESPONSIBLE PARTY:

a. NAME: Unknown | b. AGENCY:
c. PHONE#: | d. EXT:
e. MAIL ADDRESS: Unknown
f. CITY: | g. STATE: CA | h. ZIP:

---

6. NOTIFICATION INFORMATION:

a. ON SCENE: | b. OTHER ON SCENE:

c. OTHER NOTIFIED: COUNTY, LOCAL POLICE, EPA IX
d. ADMIN. AGENCY: El Dorado County Environmental Management
e. SEC. AGENCY:
f. ADDITIONAL COUNTY: g. ADMIN. AGENCY:
h. NOTIFICATION LIST: DOG Unit: | RWQCB Unit: 6A

AA/CUPA, DFG-OSPR, DTSC, RWQCB, US EPA, USFWS, AIR RESOURCES BD, CDPH-D.O., Co/WP, Co/Hlth, Co/E-Hlth

CONFIDENTIAL REMARKS: [redacted] LAKE TAHOE 96150, PHONE
NUMBER IS (530) [redacted]

Created by Warning Center on 5/14/2015 3:03:31 PM Last
Modified by Warning Center on 5/14/2015 3:48:01 PM

California State Warning Center
Governor's Office Emergency Services
Phone: (916) 845-8911
Warning.Center@oes.ca.gov

Link to Spill Report:
http://w3.calema.ca.gov/operational/malhaz.nsf/SpillAllDocs/F280ACE321B0A51188257E4500792C23?OpenDocument

Rania Serieh <rania.serieh@edcgov.us>

[redacted] - Tahoe Asphalt

7 messages

Krista Costantini <krista.costantini@edcgov.us> Mon, Nov 17, 2014 at 8:48 AM
To: Rania Serieh <rania.serieh@edcgov.us>, Dave Walker <dwalker@cityofslt.us>
Cc: Karen Bender <karen.bender@edcgov.us>

Hello,
Just FYI Mr [redacted] called our office this morning complaining about the work being done currently at Tahoe Asphalt. He mentioned the Permit to Construct and that it was supposed to be completed by now, but is apparently still not completed. He complained about numerous trees being cut and the list of adverse health affects this plant is causing him and his neighbors in addition to his dropping property values.

I explained the operation of this business is not in our office's jurisdiction to regulate but that he should contact those departments that have issued permits.

He hung up approximately 10 minutes after calling.

Krista Costantini
Development Aide

County of El Dorado
Community Development Agency
Environmental Management Division
3368 Lake Tahoe Blvd., Suite 303
So. Lake Tahoe, CA 96150
(530) 573-3450 / FAX (530) 542-3364
krista.costantini@edcgov.us

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Dave Walker <dwalker@cityofslt.us> Mon, Nov 17, 2014 at 9:01 AM
To: Krista Costantini <krista.costantini@edcgov.us>, Rania Serieh <rania.serieh@edcgov.us>
Cc: Karen Bender <karen.bender@edcgov.us>

Krista,

The Building Division will take a look on what is going on and will let you know.

Dave Walker

Building Official

From: Krista Costantini [mailto:krista.costantini@edcgov.us]
Sent: Monday, November 17, 2014 8:49 AM
To: Rania Serieh; Dave Walker
Cc: Karen Bender
Subject: [redacted] - Tahoe Asphalt

[Quoted text hidden]

Rania Serieh <rania.serieh@edcgov.us> Mon, Nov 17, 2014 at 9:03 AM
To: Dave Johnston <dave.johnston@edcgov.us>

Rania

——— Forwarded message ———
From: **Krista Costantini** <krista.costantini@edcgov.us>
Date: Mon, Nov 17, 2014 at 8:48 AM
Subject: [redacted] - Tahoe Asphalt
[Quoted text hidden]

Rania Serieh <rania.serieh@edcgov.us> Mon, Nov 17, 2014 at 5:10 PM
To: Krista Costantini <krista.costantini@edcgov.us>
Cc: Dave Walker <dwalker@cityofslt.us>, Karen Bender <karen.bender@edcgov.us>

Hello Krista, Dave and Karen:

Thank you, Krista, for the info.

Tahoe Asphalt has several active permits to operate with the EDC Air Quality Management District (District) that regulate aggregate plant, asphalt batch plant, and internal combustion engine operations. The District received one complaint from [redacted] on July 1st, 2013. Up to today's date, the District hasn't received enough number of complaints that can be considered a public nuisance. Despite having a nuisance case or not, District staff spent many hours working on this case.

On July 8th, 2013, during a routine annual compliance inspection, I issued Notice to Comply (NTC)1663. In response, the source submitted an Authority to Construct (AC) to modify the pugmill mixer capturing system in order to control potential visible emissions at the drop-out zone and divert them to the baghouse. On October 23, 2013, the District issued AC 08-167 that expired at the end of October 2014. Additionally, I did a number of follow-up source inspections. My self and other District staff also conducted odor observations at adjacent offsite locations. District staff has not determined any significant odor. In addition, to determine if there were significant health concerns associated with these odors, the District performed a Prioritization of Tahoe Asphalt using procedures developed in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization

Guidelines. The resulting Prioritization scores for Tahoe Asphalt were less than one and the District considers this facility to be a low priority facility thereby representing the lower end of the spectrum in terms of receptor impact.

Tahoe Asphalt operators have expressed a willingness to take steps to minimize odors. Together with Tahoe Asphalt, the District worked on methods to enhance control measures including, but not limited to, control dust, operating temperatures, leak check, upgrade tar oil tank, and dirt piling to work as a wind-break wall to reduce odor.

On October 30, 2014, Tahoe Asphalt submitted a completion construction form for AC 08-167. On November 5th, 2014, I conducted a source inspection. Tahoe Asphalt found to be in compliance with AC 08-167, which will be converted to permit to operate, and applicable District, State and Federal regulations.

Please do not hesitate to let me know should you have any question.

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

[Quoted text hidden]

Dave Walker <dwalker@cityofslt.us> Tue, Nov 18, 2014 at 7:47 AM
To: Rania Serieh <rania.serieh@edcgov.us>, Krista Costantini <krista.costantini@edcgov.us>
Cc: Karen Bender <karen.bender@edcgov.us>

Krista,

In regards of the complaint from Mr. [redacted] yesterday the Building Division visited the site to investigate the alleged complaints. There were no new buildings being constructed but they had removed several small trees. They all measured under 14 inches in circumference so they did not violate any City or TRPA regulations. They were moving dirt which had to stop due to the TRPA grading ordinance but other than that the Building Division did not issue any citations.

They stated all this work was being conducted for BMP's measures.

Regards,

Dave Walker

Building Official

From: Rania Serieh [mailto:rania.serieh@edcgov.us]
Sent: Monday, November 17, 2014 5:11 PM
To: Krista Costantini
Cc: Dave Walker; Karen Bender
Subject: Re: [redacted] - Tahoe Asphalt

[Quoted text hidden]

Krista Costantini <krista.costantini@edcgov.us> Tue, Nov 18, 2014 at 8:09 AM
To: Rania Serieh <rania.serieh@edcgov.us>
Cc: Dave Walker <dwalker@cityofslt.us>, Karen Bender <karen.bender@edcgov.us>

Hi Rania,
Thank you for this information. I have a feeling Mr. [redacted] will call upon us again for assistance. I will continue to direct him to the proper departments for his complaint.

Have a good work day,

Krista Costantini
Development Aide

County of El Dorado
Community Development Agency
Environmental Management Division
3368 Lake Tahoe Blvd., Suite 303
So. Lake Tahoe, CA 96150
(530) 573-3450 / FAX (530) 542-3364
krista.costantini@edcgov.us

[Quoted text hidden]
[Quoted text hidden]

Krista Costantini <krista.costantini@edcgov.us> Tue, Nov 18, 2014 at 8:10 AM
To: Dave Walker <dwalker@cityofslt.us>
Cc: Rania Serieh <rania.serieh@edcgov.us>, Karen Bender <karen.bender@edcgov.us>

Hi Dave,
Thank you too for this info. Will relay this info if Mr. [redacted] calls again.

Have a good day,

Krista Costantini
Development Aide

County of El Dorado
Community Development Agency

County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

December 8, 2014

Russell Crawford, General Manager
Tahoe Asphalt Inc.
1104 Industrial Ave.
South Lake Tahoe, CA 96150

SUBJECT: Asphalt Plant Permit to Operate #08-167

Hello Russ,

Enclosed please find Permit to Operate #08-167 which lists the blower fan that was installed for capturing and directing truck load-out emissions to the baghouse. The photographs and videos taken by Rania Serieh show that there has been some improvement regarding visible emissions capture which is expected to further improve upon installation of the curtains.

The permit conditions are those that we agreed to last year. Please call me at (530) 621-7574 if you have any questions or comments.

Respectfully,

Lisa Petersen

Lisa Petersen
Air Quality Engineer

Enclosures: Asphalt Plant Permit to Operate #08-167

LP:lp

Rania Serieh <rania.serieh@edcgov.us>

Weds Afternoon

2 messages

russ crawford <tarbabe@sbcglobal.net> Thu, Nov 6, 2014 at 7:20 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: "rania.serieh@edcgov.us" <rania.serieh@edcgov.us>

I did stop what we were doing as you left. Did not want to put you in a bad situation. I regrouped with my staff and came up with a plan to reduce the amount of dust created when we empty our bins. Thanks for all of your help. I know that having the state and the feds checking up on you makes your job much more difficult. Russell Crawford

Rania Serieh <rania.serieh@edcgov.us> Thu, Nov 6, 2014 at 8:08 AM
To: russ crawford <tarbabe@sbcglobal.net>

Good Morning Russell:

Thank you so much for your cooperation and willing to be in compliance. Highly appreciated.

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

On Thu, Nov 6, 2014 at 7:20 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

I did stop what we were doing as you left. Did not want to put you in a bad situation. I regrouped with my staff and came up with a plan to reduce the amount of dust created when we empty our bins. Thanks for all of your help. I know that having the state and the feds checking up on you makes your job much more difficult. Russell Crawford

8.5% Increase over 1986 Actual Emission Inventory which was Highest Throughput Year in File History

Prioritization Score Totals:		
0.20	0.59	0.05

HMA Emissions Calculated for 50,000 TPY / Emissions from Aggregate Processing and Emergency Generator Maintenance Hours Included

9/12/2013

Substances	CAS Number	Deg. of Acc (lbs/yr)	EMISSIONS CANCER actual (lbs/yr) Ec	ACUTE maximum (lbs/hr) Ea	CHRONIC average (lbs/hr) Ech	multi-path way	TOXICITY VALUES UNIT RISK (ug/m³)[1] Pc	ACUTE REL (ug/m³) Pa	CHRONIC REL (ug/m³) Pch	See Appendix E&F in the Pri Guidelines Stack Height Factor D	Dist. factor RP	PRIORITIZATION SCORES CANCER score Sc	ACUTE score Sa	CHRONIC score Sch
Acetaldehyde	75070	20	1.60E+01	3.84E-02	1.83E-03		2.70E-06	470	140	60	0.040	0.0029	0.0049	0.0001
Arsenic	7440382	0.01	4.73E-02	7.72E-05	5.40E-06	x	3.30E-03	2.00E-01	0.015	60	0.040	0.0105	0.0232	0.0022
Benzene	71432	2	1.40E+01	3.36E-02	1.60E-03		2.90E-05	1300	60	60	0.040	0.0273	0.0016	0.0002
Beryllium	7440417	0.001	8.61E-03		9.83E-07	x	2.40E-03		0.007	60	0.040	0.0014		0.0008
Cadmium	7440439	0.01	3.16E-02		3.61E-06	x	4.20E-03		0.02	60	0.040	0.0089		0.0011
Carbon Monoxide	630080			6.78E+01				23000		60	0.040		0.1767	
Chromium VI	18540299	0.0001	3.95E-03		4.51E-07	x	1.50E-01		0.2	60	0.040	0.0398		0.0000
Copper	7440508	0.1		4.47E-04				100		60	0.040		0.0003	
Diesel pm<10	9901	10	3.50E+00		4.00E-04		3.00E-04		5	60	0.040	0.0706		0.0005
Ethyl Benzene	100414	200	1.10E+02		1.26E-02		2.50E-06		2000	60	0.040	0.0185		0.0000
Formaldehyde	50000	5	3.70E+01	1.24E-01	4.22E-03		6.00E-06	5.50E+01	9.00E+00	60	0.040	0.0149	0.1353	0.0028
Lead - cancer	7439921	0.5	9.98E-02			x	1.20E-05			60	0.040	0.0001		
Manganese	7439-96-5	0.1	9.31E-01		1.06E-04				9.00E-02	60	0.040			0.0071
Mercury	7439976	1	2.05E-02	6.89E-05	2.34E-06	x		6.00E-01	3.00E-02	60	0.040		0.0069	0.0005
Naphthalene	91203	50	1.80E+00		2.05E-04		3.45E-05		9	60	0.040	0.0042		0.0001
Nickel	7440020	0.1	1.81E-01	5.04E-04	2.07E-05		2.60E-04	0.2	1.40E-02	60	0.040	0.0032	0.1512	0.0089
PAHs	1151	50				x				60	0.040			
Benzo(a)pyrene	50328	0.05	1.55E-05				1.10E-03			60	0.040	0.0000		
Benzo(a)anthracene	56553	0.5	2.30E-04				1.10E-04			60	0.040	0.0000		
Benzo(a,h)anthracene	53703		2.30E-04				1.10E-04			60	0.040	0.0000		
Benzo(b)fluoranthene	205992	0.5	4.70E-04				1.10E-04			60	0.040	0.0000		
Benzo(k)fluoranthene	207089	0.5	6.50E-04				1.10E-04			60	0.040	0.0000		
Dibenz(a,h)anthracene	53703	0.1	4.75E-06				1.20E-03			60	0.040	0.0000		
Indeno(1,2,3-cd)pyrene	193395	0.5	1.50E-05				1.10E-04			60	0.040	0.0000		
Chrysene	218019	5	1.90E-04				1.10E-05			60	0.040	0.0000		
Selenium	7782492	0.5	5.01E-02		5.72E-06				20	60	0.040			0.0000
Silica, Crystalline	1175	0.1	1.11E+02		1.26E-02				3.0	60	0.040			0.0252
Sulfur Dioxide	7446095		2.33E+02	9.37E-01	2.66E-02			660	660	60	0.040		0.0852	0.0002
Toluene	108883	200	5.00E+01	1.68E-01	5.71E-03			37000	300	60	0.040		0.0003	0.0001
Xylenes	1210	200	1.35E+02	4.54E-01	1.54E-02			22000	700	60	0.040		0.0012	0.0001
											SCORE =	0.20	0.59	0.05

Stack Height: < 20 meters
Receptor Proximity ~= 250+ meters

D = 60
RP = 0.04
(residential)

Sc = Ec * Pc * RP * D * 28
Sa = Ea / Pa * RP * D * 25
Sch = Ech / Pch * RP * D * 2.5

<candice.thomas@edcgov.us>, "[redacted]es, Joel E." <Jones.Joel@epa.gov> [redacted]

Hi Folks,

Thanks, passed on the thanks. My management wanted to make sure I let you know that if you send Mr. [redacted] written correspondence, if you keep us in the loop that would be great, and they wanted to make sure he's been given all the public information on the site, which it sounds like you've been doing.

Thanks,

Matt

Matt Salazar, P.E.

Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco
415.972.3982 Office
415.947.3526 Fax

From: Dave Johnston [mailto:dave.johnston@edcgov.us]
Sent: Wednesday, July 02, 2014 2:57 PM
To: Salazar, Matt
Cc: Rania Serieh; Lisa Petersen; Candice Thomas; Jones, Joel E.
Subject: Re: Tahoe Asphalt final letter

[Quoted text hidden]

Rania Serieh <rania.serieh@edcgov.us>

Re: Vapor recovery system

1 message

Lisa Petersen <lisa.petersen@edcgov.us> Fri, Oct 31, 2014 at 3:55 PM
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Rania Serieh <rania.serieh@edcgov.us>

Hi Russ,

We are short handed next week and I need to be in the office. APCO Dave Johnston and I agree that Rania Serieh may conduct the inspection, take some pictures and pass along the results and her findings. She is planning to be at Tahoe Asphalt at 11:00 am on Wednesday, November 5.

Best Regards,

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

On Fri, Oct 31, 2014 at 10:45 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

That would be devine

On Thursday, October 30, 2014 9:07 AM, Lisa Petersen <lisa.petersen@edcgov.us> wrote:

Hi Russ,

This is great news. Will 11:00 am be okay?

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

On Thu, Oct 30, 2014 at 8:15 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

Good Morning Lisa, If all goes according to plan I will have our system on line for inspection on Wednesday of next week, Nov 5. I would like to do a demonstration for

you at 10 AM. I will ha[illegible] the plant closed for business as [illegible] Oct. 31st but will make Asphalt for you. Thank You R.

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

El Dorado County Air Quality Management District
330 Fair Lane
Placerville, CA 95667
aqmd@edcgov.us
Fax (530) 295-2774

(530) 621-6662

NOTICE TO COMPLY

No. 3278

Name: Tahoe Asphalt, Inc -
Mailing Address: P.O. Box 8378, SLT, CA 96158
Location: 1104 Industrial Ave, SLT
Telephone: (530) 541-0133

YOU ARE HEREBY NOTIFIED TO CORRECT THE FOLLOWING MINOR VIOLATIONS:

RECEIVED
OCT 23 2014
AQMD

Description of violation & action to correct:

H&SC:

District Rule: 501

Permit #:

Condition#:

Please submit Authority to Construct (AIC) form to permit the following :-
* Engine - serial# PE024 T01 2244, Family: 6JDXL0300[illegible] John Deer - with PERP Reg (113059),
* Engine with PERP Reg - 134488
* Conveyor with PERP Reg - 134484 - Aggregate plant stacker
All above equipment are associated with the plant normal operation for more than 3 months.

The above violation(s) must be corrected no later than: 11-09-14

Recipient's name: Crawford Russell (Print) Last Name First Name Title: GM

Recipient's Signature: [signature] (Signing only indicates receipt of this Notice and is not an admission of guilt.)

Issued by: Rania Serich Date: 10-09-14.

THIS SECTION SHALL BE COMPLETED BY RECIPIENT:

Instructions: You are required to complete this section, sign below, and return the pink copy of this Notice to Comply within five (5) working days of achieving compliance. Also include a written statement describing when and how compliance was achieved. Failure to respond, failure to correct listed violations or a false statement that compliance has been achieved is a violation and may be subject to further legal action pursuant to the California Health and Safety Code, Section 42400 et seq.

Your facility may be subject to re-inspection at any time. If you disagree with one or more of the alleged violations cited in this Notice, you may submit written notice of appeal to the District within five working days of issuance of this Notice.

All deficiencies listed above were corrected as of: 10-20-14 (date)

I, the undersigned, hereby certify that the violation(s) identified above have been corrected on the date indicated.

Responsible Official: Crawford Russell (Print) Last Name First Name Title: GM

Signature: [signature] Date: 10-20-14

White Copy = District / Yellow Copy = Recipient / Pink = Return

El Dorado County Air Quality Management District
330 Fair Lane
Placerville, CA 95667
aqmd@edcgov.us
Fax (530) 295-2774

(530) 621-6662

NOTICE TO COMPLY

No. 3278

Name: Tahoe Asphalt, Inc -
Mailing Address: P.O. Box 8378, SLT, CA 96158
Location: 1104 Industrial Ave, SLT
Telephone: (530) 541-0133

YOU ARE HEREBY NOTIFIED TO CORRECT THE FOLLOWING MINOR VIOLATIONS:

Description of violation & action to correct:

H&SC:

District Rule: 501

Permit #:

Condition#:

Please submit Authority to Construct (ATC) form to permit the following :-
* Engine - serial# PE024 T01 2244, Family: 6JDXL0300.3 John Deer - with PERP Reg (113059).
* Engine with PERP Reg - 134488
* Conveyor with PERP Reg - 134484 Aggregate plant stacker
All above equipment are associated with the plant normal operation for more than 3 months.

The above violation(s) must be corrected no later than: 11-09-14

Recipient's name: Christopher Russell (Print) Last Name First Name
Title: GM

Recipient's Signature: [signature]
(Signing only indicates receipt of this Notice and is not an admission of guilt.)

Issued by: Rania Semeh
Date: 10-09-14.

THIS SECTION SHALL BE COMPLETED BY RECIPIENT:

Instructions: You are required to complete this section, sign below, and return the pink copy of this Notice to Comply within five (5) working days of achieving compliance. Also include a written statement describing when and how compliance was achieved. Failure to respond, failure to correct listed violations or a false statement that compliance has been achieved is a violation and may be subject to further legal action pursuant to the California Health and Safety Code, Section 42400 et seq.

Your facility may be subject to re-inspection at any time. If you disagree with one or more of the alleged violations cited in this Notice, you may submit written notice of appeal to the District within five working days of issuance of this Notice.

All deficiencies listed above were corrected as of: _____ (date)

I, the undersigned, hereby certify that the violation(s) identified above have been corrected on the date indicated.

Responsible Official: _____ (Print) Last Name First Name
Title: _____

Signature: _____
Date: _____

White Copy = District / Yellow Copy = Recipient / Pink = Return

Lisa Petersen <lisa.petersen@edcgov.us>

Vapor recovery system

2 messages

russ crawford <tarbabe@sbcglobal.net> Sat, Oct 18, 2014 at 8:31 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: "lisa.petersen@edcgov.us" <lisa.petersen@edcgov.us>

Lisa, I have been working on this system diligently. In the last two weeks I have had mechanical breakdowns that have required most of the weekends to fix. Most of what needs to be completed can't be done while were in operation. I am still hopeful that I can complete this task, however in the event that I can't I would like to ask for a continuance of our authority to construct to June of 2015. I would also like to ask if you would be so kind as to Email me a blank authority to construct and I can get on with the ones that Rania requested for our crushing plant. Thank you very much R

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Oct 21, 2014 at 2:47 PM
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Dave Johnston <dave.johnston@edcgov.us>

Hello Russ:

Failure to complete the modification as planned is of great concern. You were issued a Notice to Comply on 7/8/13, for the visible emission violation. The pugmill/load-out hopper modification was identified as a practical means to address the violation. While some progress has been made to address that violation, the violation continues.

The Authority to Construct completion date will be extended from 10/21/14 to 11/21/14. Failure to complete the modification by 11/21/14, may require additional enforcement action by the District.

Attached are the AC Application and Aggregate Forms - please fill out one form form each conveyor, screen and crusher.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

On Sat, Oct 18, 2014 at 8:31 AM, russ crawford <tarbabe@sbcglobal.net> wrote:

> Lisa, I have been working on this system diligently. In the last two weeks I have had mechanical breakdowns that have required most of the weekends to fix. Most of what needs to be completed can't be done while were in operation. I am still hopeful that I can complete this task, however in the event that I can't I would like to ask for a continuance of our authority to construct to June of 2015. I would also like to ask if you would be so kind as to Email me a blank authority to construct and I can get on with the ones that Rania requested for our crushing plant. Thank you very much R

4 attachments

Aggregate.crushing.pdf
21K

Aggregate_convey.pdf
52K

aggregate_screen.pdf
51K

Authority to construct web form october 2012.pdf
171K

Authority to Construct Status

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Sep 2, 2014 at 2:04 PM
To: russ crawford <tarbabe@sbcglobal.net>

Hi Russ,

Will you have completed the load-out redirect to the baghouse before your last load? We want to witness the truck load-out with the new system before you are done for the season.

I have just had forwarded a NESHAP Subpart AAAAAAA to my attention that applies to blowing stills - does Tahoe Asphalt have any of these?

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

russ crawford <tarbabe@sbcglobal.net> Wed, Sep 3, 2014 at 8:56 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Well ya got me. I had to look up still blown asphalt. No we do not do that at our facility. Also had to look up NESHAP. A good day when I learn something. I am working diligently on the load out vapor recovery and should be done before the last load leaves. Thanks for all your help, I know that your taking complaints, I have yet in the last two years to have anyone call me direct. I did talk to two of our neighbors this spring and they were did not know the efforts that we go to be good neighbors. It was a good thing. I asked them to call if we give them any discomfort. My efforts with the Forest Service to provide water to the OHV park next door went no where. No one wants the liability. Thanks again R.

[Quoted text hidden]

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.

Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Sep 3, 2014 at 10:15 AM
To: russ crawford <tarbabe@sbcglobal.net>

Thanks Russ, please let us know well ahead of time before the season ends.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574

[Quoted text hidden]

Fwd: Area Source NESHAP for Asphalt Processing.

Dave Johnston <dave.johnston@edcgov.us> Fri, Aug 29, 2014 at 9:45 AM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Can you please review attaced and let me know:

1) If they apply to Tahoe Asphalt
2) If so, have they been considered and incorporated into the permitting, and
3) If applicable is Tahoe Asphalt in compliance?

Thank you for working with us to improve air quality

Dave Johnston
Air Pollution Control Officer
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
530-621-7578 phone, 530-295-2774 fax

——— Forwarded message ———
From: **Barnett, Keith** <Barnett.Keith@epa.gov>
Date: Wed, Aug 20, 2014 at 2:43 PM
Subject: Area Source NESHAP for Asphalt Processing.
To: "dave.johnston@edcgov.us" <dave.johnston@edcgov.us>
Cc: "Fruh, Steve" <Fruh.Steve@epa.gov>, "Telander, Jeff" <Telander.Jeff@epa.gov>

Dear Dave:

As we discussed, the letter Region 9 sent to Mr. [redacted] only discussed the NESHAP for Major sources of Asphalt Processing. There are two other Federal regulations that apply to Asphalt Processing, and we just wanted to be check to see if they might apply to this specific facility. The first is the area source NESHAP for Asphalt Processing. The Applicability criteria are on page 63260 of the attached notice. The second is the Asphalt Processing NSPS. The applicability criteria for that rule are in section 60.90 of the attached word document.

Please let us know whether or not you think either of these other rules might apply.

Thanks for your help.

Keith Barnett

Minerals and Manufacturing Group Leader

919-541-5605

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed. Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

2 attachments

fr02de09.pdf
222K

Hot Mix Asphalt NSPS - 40 CFR Subpart I.docx
15K

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Sep 2, 2014 at 9:39 AM
To: Dave Johnston <dave.johnston@edcgov.us>

During the last AC I reviewed the then current area source NESHAP list and AAAAAAA was not listed.

Subpart I is from 40 cfr 60 which means it is a standard of performance. Here was my finding from the recent evaluation:

NSPS Compliance

40 CFR 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities is applicable.

§ 60.92 – Standard for Particulate Matter states that no owner or operator subject to this subpart shall discharge into the atmosphere any gases which;

1. Contain particulate matter in excess of 90 mg/dscm or 0.04 grains/dscf; and
2. Exhibit 20 % opacity or greater.

District Rule 223, Fugitive Dust section 223.4.B states that a person shall not causeor allow PM10 levels to exceed 50 micrograms per cubic meter (0.02 grains/cubic foot) which is more stringent than § 60.92.1 so the Rule 223 limitation will be added to the permit. District Rule 202, Visible Emissions contains the same opacity limit and is a standard permit condition on all District permits for sources that produce fugitive emissions.

NESHAP Compliance

Not applicable – Subpart LLLLL- National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing applies to major sources.

The NESHAP AAAAAAA is new to me so I will read it and get back to you on its applicability and Tahoe Asphalt's compliance.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530.621.7574
[Quoted text hidden]

Dave Johnston <dave.johnston@edcgov.us> Tue, Sep 2, 2014 at 1:46 PM
To: "Barnett, Keith" <Barnett.Keith@epa.gov>
Cc: "Fruh, Steve" <Fruh.Steve@epa.gov>, "Telander, Jeff" <Telander.Jeff@epa.gov>, Lisa Petersen <lisa.petersen@edcgov.us>

Hi Keith:

Our permitting Engineer Lisa Petersen has reviewed the information provided. Lisa determined:

1) Tahoe Asphlat is not subject to the requirements of the area source NESHAP.

2) Tahoe Asphalt is subject to the requirements of 40 CFR 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities. § 60.92 states that no owner or operator subject to this subpart shall discharge into the atmosphere any gases which; Contain particulate matter in excess of 90 mg/dscm or 0.04 grains/dscf; and Exhibit 20% opacity or greater.

A more stringent, applicable discharge requirement is included in our District Rule 223, Fugitive Dust. Section 223.4.B states that a person shall not cause or allow PM10 levels to exceed 50 micrograms per cubic meter (0.02 grains/cubic foot). Our District Rule 202, Visible Emissions also contains the 20% opacity limit.

Thank you for working with us to improve air quality.
Dave Johnston
Air Pollution Control Officer
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
530-621-7578 phone, 530-295-2774 fax

On Wed, Aug 20, 2014 at 2:43 PM, Barnett, Keith <Barnett.Keith@epa.gov> wrote:

Dear Dave:

As we discussed, the letter Region 9 sent to Mr [redacted] only discussed the NESHAP for Major sources of

Asphalt Processing. There are [redacted] other Federal regulations that apply to [redacted]halt Processing, and we just wanted to be check to see if they might apply to this specific facility. The first is the area source NESHAP for Asphalt Processing. The Applicability criteria are on page 63260 of the attached notice. The second is the Asphalt Processing NSPS. The applicability criteria for that rule are in section 60.90 of the attached word document.

Please let us know whether or not you think either of these other rules might apply.

Thanks for your help.

Keith Barnett

Minerals and Manufacturing Group Leader

919-541-5605

[Quoted text hidden]

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

JUL 02 2014

7011 0470 0002 9198 3662

[redacted]
South Lake Tahoe, California 96150

Dear Mr. [redacted]

Thank you for your telephone inquiries about Tahoe Asphalt, located at 1104 Industrial Ave in South Lake Tahoe, California. We understand that living in close proximity to this facility has been of great concern to you.

The U.S. Environmental Protection Agency (the "EPA") has reviewed correspondence, had meetings with El Dorado County Air Quality Management District ("EDC AQMD"), and reviewed the Toxic Assessment EDC AQMD performed. The Federal Clean Air Act categorizes facilities as major sources and minor sources. Tahoe Asphalt is a minor source, because it emits fewer than 10 tons per year of a single hazardous air pollutant and fewer than 25 tons per year of a combination of hazardous air pollutants. As such, Tahoe Asphalt does not trigger the applicability of the Asphalt Processing and Asphalt Roofing Manufacturing National Emission Standards for Hazardous Air Pollutants regulation LLLLL nor the emissions threshold to obtain a federally enforceable permit, such as a Title V permit.

EDC AQMD outlined their specific follow-up to odor complaints for Tahoe Asphalt during our most recent teleconference meeting, and they found them to be in compliance with the AQMD nuisance rule. The Federal Clean Air Act does not specifically regulate odor, however, odors are typically addressed through State or local nuisance regulations The EPA is satisfied with the considerable effort EDC AQMD spent to look into complaints about Tahoe Asphalt.

EDC AQMD notified the EPA that Tahoe Asphalt submitted an Authority to Construct to modify their facility to control truck load-out emissions, which may help control odors. Those changes are scheduled to be completed by the end of October 2014.

You asked for a list of chemicals released by this facility. In response, attached is the analysis the EDC AQMD performed under California's toxic "Hot Spots" program. The District included all hazardous air pollutants expected to be emitted from the facility. In order to do the most comprehensive analysis, the EDC AQMD also included potential diesel and dust particulates associated with the facility's operation and likely overestimated the emissions. You can see what chemicals are thought to be potentially emitted at the facility by looking at the prioritization scores in the spreadsheet. Any substance with a value would potentially be released by the facility. None of the modeled potential emissions exceeded the thresholds for concern.

You can also find a US EPA summary with regard to hazardous air pollutants that are regulated for asphalt processing and asphalt roofing and manufacturing facilities under the Clean Air Act here: http://www.epa.gov/airtoxics/mactfnlalph.html. Specifically, our fact sheet notes that

formaldehyde, hexane, phenol, polycyclic organic matter, toluene, metals, volatile organic compounds and particulate matter can be released at asphalt processing plants.

The EPA has done a thorough analysis and we have found no violations of any federally enforceable rule or regulation regarding this facility. The EDC AQMD is best situated to continue to monitor the facility and to keep you informed of the planned facility upgrades.

Thank you.

Kathleen H. Johnson
Director, Enforcement Division

Enc

Cc: Dave Johnston, EDC AQMD

Tahoe Asphalt final letter

Salazar, Matt <Salazar.Matt@epa.gov> Wed, Jul 2, 2014 at 1:06 PM
To: Dave Johnston <dave.johnston@edcgov.us>
Cc: Rania Serieh <rania.serieh@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>, "Jones, Joel E." <Jones.Joel@epa.gov>

Hi Dave,

Thanks for the edits and the quick turnaround. We incorporated (or tried to incorporate the spirit of) your comments and Kathleen signed it yesterday and it went in the mail today to Mr. [redacted]. Here's your electronic copy.

Thanks for your time and effort and let me know if you have questions/comments/feelings,

Matt

Matt Salazar, P.E.

Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco
415.972.3982 Office
415.947.3526 Fax

From: Dave Johnston [mailto:dave.johnston@edcgov.us]
Sent: Tuesday, July 01, 2014 9:33 AM
To: Salazar, Matt
Cc: Rania Serieh; Lisa Petersen; Candice Thomas; Jones, Joel E.
Subject: Re: Tahoe Asphalt draft letter

Thanks Matt for your help with this. Your letter accurately summarizes the situation. Please see attached draft with our suggested edits and contact me if you would like to discuss.

Thank you for working with us to improve air quality.

Dave Johnston

Air Pollution Control Officer

EDC Air Quality Management District

330 Fair Lane, Placerville, CA 95667

530-621-7578 phone, 530-295-2774 fax

DOC_20140702090440.pdf
1841K

Dave Johnston <dave.johnston@edcgov.us> Wed, Jul 2, 2014 at 2:56 PM
To: "Salazar, Matt" <Salazar.Matt@epa.gov>
Cc: Rania Serieh <rania.serieh@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>, "Jones, Joel E." <Jones.Joel@epa.gov>

Thanks very much for helping us with this Matt and Joel. Please pass on our thanks to Kathleen as well.

Thank you for working with us to improve air quality.
Dave Johnston
Air Pollution Control Officer
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
530-621-7578 phone, 530-295-2774 fax

On Wed, Jul 2, 2014 at 1:06 PM, Salazar, Matt <Salazar.Matt@epa.gov> wrote:

Hi Dave,

Thanks for the edits and the quick turnaround. We incorporated (or tried to incorporate the spirit of) your comments and Kathleen signed it yesterday and it went in the mail today to Mr. [redacted] Here's your electronic copy.

Thanks for your time and effort and let me know if you have questions/comments/feelings,

Matt

Matt Salazar, P.E.

Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco
415.972.3982 Office
415.947.3526 Fax

From: Dave Johnston [mail[redacted]dave.johnston@edcgov.us]
Sent: Tuesday, July 01, 2014 9:33 AM
To: Salazar, Matt
Cc: Rania Serieh; Lisa Petersen; Candice Thomas; Jones, Joel E.
Subject: Re: Tahoe Asphalt draft letter

Thanks Matt for your help with this. Your letter accurately summarizes the situation. Please see attached draft with our suggested edits and contact me if you would like to discuss.

Thank you for working with us to improve air quality.

Dave Johnston

Air Pollution Control Officer

EDC Air Quality Management District

330 Fair Lane, Placerville, CA 95667

530-621-7578 phone, 530-295-2774 fax

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed. Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Dave Johnston <dave.johnston@edcgov.us> Wed, Jul 2, 2014 at 2:59 PM
To: Adam Baughman <adam.baughman@edcgov.us>, Levi Ford <levi.ford@edcgov.us>, Maricella Zamora <maricela.zamora@edcgov.us>, Candice R Thomas <candice.thomas@edcgov.us>, Rania Serieh <rania.serieh@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>

FYI. Confirmation of our efforts from USEPA. Thanks everyone who has helped with this.

---------- Forwarded message ----------
From: **Salazar, Matt** <Salazar.Matt@epa.gov>
Date: Wed, Jul 2, 2014 at 1:06 PM
Subject: Tahoe Asphalt final letter
To: Dave Johnston <dave.johnston@edcgov.us>
Cc: Rania Serieh <rania.serieh@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>, "Jones, Joel E." <Jones.Joel@epa.gov>

Hi Dave,

Thanks for the edits and th[redacted]uick turnaround. We incorporated (o[redacted]ed to incorporate the spirit of) your comments and Kathleen signed it yesterday and it went in the mail today to Mr. [redacted]. Here's your electronic copy.

Thanks for your time and effort and let me know if you have questions/comments/feelings,

Matt

Matt Salazar, P.E.

Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco
415.972.3982 Office
415.947.3526 Fax

From: Dave Johnston [mailto:dave.johnston@edcgov.us]
Sent: Tuesday, July 01, 2014 9:33 AM
To: Salazar, Matt
Cc: Rania Serieh; Lisa Petersen; Candice Thomas; Jones, Joel E.
Subject: Re: Tahoe Asphalt draft letter

Thanks Matt for your help with this. Your letter accurately summarizes the situation. Please see attached draft with our suggested edits and contact me if you would like to discuss.

Thank you for working with us to improve air quality.

Dave Johnston

Air Pollution Control Officer

EDC Air Quality Management District

330 Fair Lane, Placerville, CA 95667

530-621-7578 phone, 530-295-2774 fax

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed. Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.

County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

7/1/14

[redacted]
South Lake Tahoe, California 96150

Mr. [redacted]

Tahoe Asphalt has submitted an Authority to Construct to modify their facility to control truck load-out emissions. Those changes are scheduled to be completed by the end of October 2014.

Respectfully,

Dave Johnston
Air Pollution Control Officer

Cc: Matt Salazar, P.E.
Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco

Tahoe Asphalt call?

Salazar, Matt <Salazar.Matt@epa.gov> Fri, Jun 6, 2014 at 3:22 PM
To: Rania Serieh <rania.serieh@edcgov.us>, Dave Johnston <dave.johnston@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>
Cc: "Jones, Joel E." <Jones.Joel@epa.gov>

Hi Dave, Lisa, Candice, and Rania;

My management team (our Enforcement Director, Kathleen Johnson, and our Assistant Director, Joel Jones) and I are hoping to have a call about Tahoe Asphalt in the near future. We're just hoping to chat about their compliance status, inspections, any follow-up and community complaints. The following times will work for us now, would you be able to make any of them or give us some options if those don't work?

Monday June 16th at 1 pm or 3:30

Monday June 23rd at 1 pm or 2 pm

Wednesday June 25th at 3:30

Thanks,

Matt

Matt Salazar, P.E.

Manager, Air & TRI Section, Enforcement Division
EPA Region 9 - San Francisco
415.972.3982 Office
415.947.3526 Fax

Rania Serieh <rania.serieh@edcgov.us> Fri, Jun 6, 2014 at 10:48 PM
To: Dave Johnston <dave.johnston@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>

Hi Dave, Lisa, and Candice:

Can we schedule it on the 23rd or 25th? Thank you,
Rania
[Quoted text hidden]

–
Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed. Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Jun 10, 2014 at 10:22 AM
To: Rania Serieh <rania.serieh@edcgov.us>
Cc: Dave Johnston <dave.johnston@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>

I am out of the office on the 23rd, and am currently working on scheduling the SECAT workshop on the 25th or 26th - 3-5 pm so don't want to commit to the 25th at 3:30.

Candice forwarded a voice mail from Matt Salazar who said someone calls regularly with Tahoe Asphalt complaints and the EPA would like to have a conference call with El Dorado to discuss it. Matt is out of the office until after the 12th. I left a voice mail saying that the status has not changed - TA is in the midst of their AC to modify the exhaust which was voluntarily undertaken in the interest of lessening the odors and complaints. I also said that their throughput and toxic prioritization scores were low.

I ended by telling him of course the District is willing to participate in a conference call to discuss it with him, but requested that we wait for Rania's return to schedule it.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

Tahoe Asphalt, PO 08-167

11/5/13

Notes to File

10/28/13

I discussed via phone with Tahoe Asphalt consultant Jan Schutze the proposed conditions for the Tahoe Asphalt plant. Specifically their concern was that they would be required to conduct expensive toxics speciation source testing because of the addition of the Source Testing PO condition. I explained that even if the condition was not included in their permit, they were still subject to our rules – and as such could be requested to conduct source testing if requested to do so by the APCO. Also, the District is primarily interested in the status and efficiency of the baghouse. The District was not considering requesting toxics speciation since the recent air toxics prioritization was less than 1, and the facility stopped receiving contaminated soils for processing in their plant over 10 years ago. Jan and I agreed that I would issue the AC by the end of the week.

10/31/13

Following correspondence with General Manager Russ Crawford, I issued the Authority to Construct for the exhaust modification. Also attached were the updated aggregate plant PO and a construction completion form to be submitted upon completion of the installation.

PO fees have already been paid for the year.

Lisa Petersen
Air Quality Engineer

Raina Serieh

El Dorado County

ACMD

Dear Rania,

Enclosed is our production sheet from Friday August 22. On Friday we used an asphalt cement that was different than normal. It was a polymer modified asphalt cement. The odor from it is a little different and is what must have been smelled. There was a brief period when we produced the burned dirt smell but that only lasted about 15 min. and we had it mitigated. Thanks for your help on this matter.

Sincerely,

Russell Crawford

General Manager

Tahoe Asphalt

TOWER CONTROL SHEET

DATE 8-22-14 **OPERATOR NAME** J.J.

WEATHER CONDITIONS:

BAGHOUSE OPERATION **CLEAN** **BELOW 20%** **UPSET**

BAGHOUSE MAINTENANCE

TONS	TYPE	TRUCK DESC.	TEMP	TIME IN	TIME OUT	COMMENTS
2	57			7:44		
23½	211-28 poly	TS&G	345°	8:04	8:16	
8½	206-28	Jones	295	8:07	8:55	
23	211-28 poly	TS&G	368	8:17	8:29	
5	5-28	Cowboy	320°	8:55	8:58	
23	211-28	Nicholson	338	8:29	8:39	
24	211-28	Nicholson	305	8:39	8:49	
3	11-28	Garcia	324	9:11	9:14	
2	1	Mapes	317	9:27	9:29	
23½	11-28 poly	TS&G	305	10:09	10:14	
23	211-28 poly	TS&G	293	10:31	10:40	
1	1	Mapes	350°	10:41	10:42	
23	211-28 poly	Nick	290°	11:17	11:27	
8	5	D&L	320°	11:29		
2	213	Acton	368	11:35	11:37	
10	11-28	Vince	349°	11:41		
24	211-28 poly	Nick	332	11:45	11:55	
23½	211-28 poly	TS&G	329°	12:21		
1	1	DIY	330°	12:31	12:36	
23	211-28 poly	TS&G	320°	12:37	12:49	
1	1	DIY				
23	211-28 poly	Nick	325°			
10	11	Superior	330°	1:16		
24	211-28 poly	Nickelson				
4	11	Cat Trailer	320°	2:15		
23½	211-28 poly	TS&G	323			
23	211-28 poly	TS&G	305°			
23	211-28 poly	Nickelson	319			
10	11-28	Vince	308			
3	11	DLC				
8	11					

Asphalt Truck Loading Activities Tracking Record Request for June 25th and June 12th of 2014

Rania Serieh <rania.serieh@edcgov.us> Wed, Jun 25, 2014 at 3:18 PM
To: tarbabe@sbcglobal.net

Hi Russell:

Can you provide me with your daily truck loading activities for today June 25th and also for June 12th, 2014. I do appreciate faxing/sending them to me by tomorrow.

Thank you, Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

TOWER CONTROL SHEET

DATE 6-25-14 | OPERATOR NAME J.J.

WEATHER CONDITIONS: Sunny

BAGHOUSE OPERATION CLEAN (BELOW 20%) UPSET

BAGHOUSE MAINTENANCE

TONS	TYPE	TRUCK DESC.	TEMP	TIME IN	TIME OUT	COMMENTS
6	57					
✓ 12	11	Caltrans	360°	7:50	7:58	
✓ 24	11	Caltrans	350°	7:58	8:10	
✓ 12	11	Caltrans	350°	8:10	8:14	
✓ 13	11	FTL	375°	8:23	8:32	
✓ 11	11	Caltrans	340°	8:25	8:37	
✓ 10 3/4	5	Superior	330°	8:49	8:57	
✓ 1	1	KBS	300°	9:31	9:33	
✓ 12	11	Caltrans	300°	10:00	10:10	
✓ 24	11	Caltrans	333°	10:17	10:26	
✓ 1 1/4	5	Superior	333°	10:38	10:40	
✓ 12	11	Caltrans	327°	10:39	10:41	
✓ 1 1/4	10	Anderson	300°	11:08	11:11	
12	11	Russ	320°	11:14	11:17	
✓ 12	11	Russ	340°			
✓ 12	11	Russ	370			
✓ 2 1/2	11.18	Home	340			
✓ 5 1/2	11	Cat	358°	11:27	11:31	
✓ 16 1/4	6	D&L	375	11:33	11:43	

197.38

TOWER CONTROL SHEET

DATE 6-12-14 **OPERATOR NAME** J.J.

WEATHER CONDITIONS:

BAGHOUSE OPERATION **CLEAN** **BELOW 20%** **UPSET**

BAGHOUSE MAINTENANCE

TONS	TYPE	TRUCK DESC.	TEMP	TIME IN	TIME OUT	COMMENTS
4	57		340°	7:41	7:52	
✓ 4.5	10	Douglas Co.	350°	8:02	8:08	Bed debree
✓ 3	5	ELDO	350°	8:09	8:12	
✓ 22	13-28	Dorner	350°	8:13	8:23	
✓ 22	13-28	Caputo 39	322°	8:25	8:34	
✓ 24	13-28	Caputo 33	340	8:34	8:47	
8	11	Garcia	360°	8:42	8:52	
22½	13-28	Caputo 6	325°	9:04	9:21	leave Gate open
5	2	City	340	9:15	9:23	[illegible]
21½		Caputo 75	355°	9:50	9:50	leave Gate Open
22	13-28	Dorner	280°	10:55	11:08	
✓ 22	13-28	Caputo 30	300°	11:05	11:18	
24	13-28	Caputo 33	320°	11:12	11:30	
5¾	2	Olsen	340°	11:27	11:40	
✓ 22½	13-28	Caputo 6	316°	12:18	12:34	lots in bed.
✓ 21	13-28	Caputo 75	336°	12:32	12:46	
1¼	2	Kingsbury	338°	12:55	1:57	
✓ 9	13-28	Arizona	300°	1:20	1:33	
✓ 1	5	ELDO	280°	1:26	1:38	
1	11	Herback	240°	2:30	2:34	
3	11-28	TSPG				
		Hare				

211.12

Authority to Construct Status

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jun 9, 2014 at 3:56 PM
To: russ crawford <tarbabe@sbcglobal.net>

Hi Russ,

We are interested in knowing how Tahoe Asphalt's Authority to Construct for the exhaust modification is going. Any projection for completion and/or results, issues etc?

We have been contacted by the EPA again regarding Tahoe Asphalt and will likely be having a conference call with them in the near future. I suspect there have been more phone calls to them. Has Tahoe Asphalt received any odor (or other) complaints this season?

Regards,

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

russ crawford <tarbabe@sbcglobal.net> Tue, Jun 10, 2014 at 7:23 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Well hello, Happy summer to you. Water issues aside it was a lovely winter here. I even forgot how to run my snow blower. I had a mass exodus here and only have two employees left out of six. I had many months in the spring without any employees. Spending very valuable time recruiting and training. I worked here most of the winter doing some badly needed maintenance on the buildings. I am working diligently to get this exhaust up and going. I have purchased many items and am putting things together as time allows. I have a plan and hope to start implementing it. estimates for completion, hopefully July or August.
I have not received any calls or complaints at this time. We did complete a change on the lids of the liquid asphalt cement tank and that lessened the amount of vapors released. Thnak You, Russ

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Monday, June 9, 2014 3:56 PM
Subject: Authority to Construct Status

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Jun 10, 2014 at 7:40 AM
To: Dave Johnston <dave.johnston@edcgov.us>, Rania Serieh <rania.serieh@edcgov.us>

fyi

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Rania Serieh <rania.serieh@edcgov.us> Tue, Jun 10, 2014 at 7:40 AM
To: lisa.petersen@edcgov.us

Thank you for your e-mail. I will be out of the office until Friday June 13th, 2014. I'll be checking my e-mail once a week. For immediate assistance, please contact our office at (aqmd@edcgov.us) or (530) 621-7501. Thank you.

—
Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774
[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Jun 10, 2014 at 9:51 AM
To: Candice Thomas <candice.thomas@edcgov.us>

fyi

TAHOE ASPHALT, INC.

Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P. O. Box 8378, South Lake Tahoe, CA 96158
Phone: (530) 541-0133 Fax: (530) 541-1647
A Certified Federal and California State Small Business Enterprise
www.tahoeasphalt.com

2-1-14

Lisa Peterson
EDC/ APC
Dear Lisa:
Following are our report numbers for the 2013 season:

Month	HMA	Aggregate Plant
May	419 T	4896 T
June	4000 T	3780 T
Q1	4419 T	8676 T
July	6019 T	4376 T
August	2590 T	1970 T
September	4889 T	3246 T
Q2	13498 T	9592 T
October	2559 T	6070 T
Q3	2559 T	6070 T
Yearly Total	20476 T	24338 T

RECEIVED
FEB 0 2014
AQMD

Sheila Garibaldi
Office Manager/ Estimator

Lisa Petersen <lisa.petersen@edcgov.us>

Tahoe Asphalt Authority to Construct

Lisa Petersen <lisa.petersen@edcgov.us> Thu, Jan 2, 2014 at 5:08 PM
To: russ crawford <tarbabe@sbcglobal.net>

Hey Russ,

Happy New Year. Just checking in to see how how the modification is coming along? Please do keep us updated - there is still some chatter going on in the community so regular updates are very much appreciated.

Thanks,

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

---

russ crawford <tarbabe@sbcglobal.net> Fri, Jan 3, 2014 at 8:48 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Well happy new year to ya. Because of the weather I have not started on the project except for the planning stages. While your working on permits, We have decomissioned the Le Roi compressor with the John deere motor and replaced it with a newer modle. Since the new one is tier 2 and covered under the doors program can we eliminate the portion of the permit that deals with the John Deere powered Le Roi ?
I will research adding the new compressor onto our state crushing permit since that will be it's primary use.
Thanks for you help.

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Thursday, January 2, 2014 5:08 PM
Subject: Tahoe Asphalt Authority to Construct

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.

Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jan 6, 2014 at 7:49 AM
To: russ crawford <tarbabe@sbcglobal.net>

Good morning Russ.

Because the engine is a Tier 2 it is my understanding that it cannot be given a new Portable Equipment Registration through the state (PERP) because they now only register new Tier 4s. But if it is currently under a PERP registration, then I don't really know what the process is for change of ownership. If the engine is a diesel with a rated capacity of > 50 HP and it cannot be PERP'd - it must have its own permit through us.

Please let me know what you learn from the ARB so I can learn too!

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jan 6, 2014 at 8:29 AM
To: russ crawford <tarbabe@sbcglobal.net>

Hi again, I was just talking to Candice who knows more about PERPs and she said if the previous PERP has not expired the buyer may request a change of ownership but there is a time limit so I would look into right away. Also you are required to notify us w/in 90 days since we are your home district.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Mon, Jan 6, 2014 at 8:46 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Thank you vey much.

From: Lisa Petersen <lisa.petersen@edcgov.us>

To: russ crawford <tarbabe@sbcglobal.net>

Sent: Monday, January 6, 2014 8:29 AM

Subject: Re: Tahoe Asphalt Authority to Construct

[Quoted text hidden]

Discussion of Taho Asphalt Facility

Swanson, Charles <Swanson.Charles@epa.gov> Thu, Oct 24, 2013 at 11:57 AM
To: "rania.serieh@edcgov.us" <rania.serieh@edcgov.us>
Cc: "Reyes, Deldi" <Reyes.Deldi@epa.gov>

Rainia,

Thank you so much for taking the time to discuss your response to Mr. [redacted] complaints regarding the Tahoe Asphalt facility located on Industrial Avenue in South Lake Tahoe. Mr. [redacted] has contacted Deldi Reyes, my supervisor, a number of times in the recent past to share his concerns about the facility. We understand that the El Dorado Air Quality Management District is the lead agency for the regulation of this facility and would like to coordinate any communications we have with Mr. [redacted] to ensure that we accurately represent your efforts to ensure that this facility is in compliance with all relevant regulations. We have also coordinated with our colleagues in the enforcement and permit units on this matter.

The Environmental Justice team often follows up on citizen complaints regardless of whether the issue is identified as an environmental justice issue. It is our role to ensure that community members concerns are addressed and to support an effective dialogue between all stakeholders involved in the issue. In response to Mr. [redacted] I would like to work with you to ensure that I address his two main questions of EPA: how the facility is regulated; and what chemicals are released / used at the facility. More importantly, I think you have a comprehensive story to tell about your efforts with this and I'm happy to work with you in your communications with him.

US EPA provides information on chemicals regulated for asphalt processing and asphalt roofing and manufacturing facilities in the NESHAP for source categories here: http://www.epa.gov/airtoxics/mactfnlalph.html

The fact sheet for the final rule on asphalt facilities (http://www.epa.gov/ttn/atw/asphalt/apamm_fs2.pdf) lists toxic air emissions expected from this type of facility—specifically, our fact sheet notes that formaldehyde, hexane, phenol, polycyclic organic matter, toluene, metals, VOCs and particulate matter can be released at asphalt processing facilities. Do you have more appropriate outreach material or information that I could provide in my communication with Mr. [redacted] to describe the types of toxic air emissions expected from asphalt processing facilities? Additionally can we provide Mr [redacted] your analysis for toxic hotspots with an explanation of the modeled emissions you expect from this type of facility?

Thanks,

Chuck

United States Environmental Protection Agency

Charles Swanson | Environmental Justice Program
415.947.4219 | swanson.charles@epa.gov
US EPA Region 9 | 75 Hawthorne St. (CED-1) San Francisco, CA 94105
http://www.epa.gov/region9/ej/index.html

Rania Serieh <rania.serieh@edcgov.us> Mon, Nov 4, 2013 at 11:44 AM
To: Dave Johnston <dave.johnston@edcgov.us>

Hi Chuck:

Apologies for the delayed reply. We are a small District and keep very busy. We took immediate steps, have thoroughly investigated and have spent many hours addressing Mr. [redacted] complaint. Tahoe Asphalt operators have been cooperative and are complying with our requests. They have offered to meet with Mr. [redacted] and tour the facility.

The District permitting and compliance programs have been established to regulate all stationary sources in El Dorado County by implementing applicable federal and State Clean Air Act (CAA) requirements and District Rules. Tahoe Asphalt has several active permits that regulate aggregate plant, asphalt batch plant, and internal combustion engine operations.

A Notice to Comply was issued July 8th, 2013. In response the source submitted an Authority to Construct (AC) to modify the pugmill mixer capturing system to control potential visible emissions at the drop-out zone and divert them to the baghouse. Our engineering staff carefully examined the existing Permit to Operate (PO) and AC application for compliance with the prohibitory rules, one or more source specific rules, new source review rules for criteria and toxic air contaminants and other applicable rules and regulations. This includes but not limited to:

- Potential to Emit of criteria pollutants – the maximum annual permitted production is being reduced to 90,000 ton per year
- Best available control technology (BACT) and offset requirements – in the most recent evaluation, there was no increase in the emissions; therefore, BACT was not applicable.
- The California Environmental Quality Act (CEQA) – the District has developed a comprehensive permitting guide to CEQA.
- Prevention of Significant Deterioration.
- Visible emissions – the modification in the AC will reduce visible emissions (blue smoke) at the load-out zone and lower odors by relocating the emissions point farther from the residential area.
- Nuisance.
- NESHAP Compliance - subpart LLLLLL, Asphalt processing and asphalt roofing manufacturing facilities. This requirement is not applicable as Tahoe Asphalt is not a major source.
- AB 2588, Air Toxics "Hot Spots" prioritization - emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the prioritization for each substance. EPA AP-42 emission factors were used to determine asphalt and aggregate Hazardous Air Pollutants (HAP) and criteria emissions. These emission factors are very conservative and therefore, generally over-estimated. The resulting prioritization scores for Tahoe Asphalt were 0.64 for non-carcinogenic effects and 0.2 for carcinogenic effects. As per request, attached is the prioritization spreadsheet.

The fact sheet you suggested sounds appropriate. Mr. [redacted] may submit a written request to view the hot spots analysis and schedule an appointment to do so.

Please let me know should you have any further questions or comments.

[Quoted text hidden]

Revised Sept 2013 PS Scores Tahoe Asphalt.xls
101K

Dave Johnston <dave.johnston@edcgov.us> Mon, Nov 4, 2013 at 11:49 AM
To: Swanson.Charles@epa.gov
Cc: Rania Serieh <rania.serieh@edcgov.us>

Hi Chuck:

Apologies for the delayed reply. We are a small District and keep busy. We took immediate steps, have thoroughly investigated and have spent many hours addressing Mr [redacted] complaint. Tahoe Asphalt operators have been cooperative and are complying with our requests. They have offered to meet with Mr. [redacted] and tour the facility.

The District permitting and compliance programs have been established to regulate all stationary sources in El Dorado County by

implementing applicable federal and State Clean Air Act (CAA) requirements and District Rule Tahoe Asphalt has several active permits that regulate aggregate plant, asphalt batch plant, and internal combustion engine operations.

A Notice to Comply was issued July 8th, 2013. In response the source submitted an Authority to Construct (AC) to modify the pugmill mixer capturing system to control potential visible emissions at the drop-out zone and divert them to the baghouse. Our engineering staff carefully examined the existing Permit to Operate (PO) and AC application for compliance with the prohibitory rules, one or more source specific rules, new source review rules for criteria and toxic air contaminants and other applicable rules and regulations. This includes but not limited to:

- Potential to Emit of criteria pollutants – the maximum annual permitted production is being reduced to 90,000 ton per year
- Best available control technology (BACT) and offset requirements – in the most recent evaluation, there was no increase in the emissions; therefore, BACT was not applicable.
- The California Environmental Quality Act (CEQA) – the District has developed a comprehensive permitting guide to CEQA.
- Prevention of Significant Deterioration.
- Visible emissions – the modification in the AC will reduce visible emissions (blue smoke) at the load-out zone and lower odors by relocating the emissions point farther from the residential area.
- Nuisance.
- NESHAP Compliance - subpart LLLLLL, Asphalt processing and asphalt roofing manufacturing facilities. This requirement is not applicable as Tahoe Asphalt is not a major source.
- AB 2588, Air Toxics "Hot Spots" prioritization - emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the prioritization for each substance. EPA AP-42 emission factors were used to determine asphalt and aggregate Hazardous Air Pollutants (HAP) and criteria emissions. These emission factors are very conservative and therefore, generally over-estimated. The resulting prioritization scores for Tahoe Asphalt were 0.64 for non-carcinogenic effects and 0.2 for carcinogenic effects. As per request, attached is the prioritization spreadsheet.

The fact sheet you suggested sounds appropriate. Mr may submit a written request to view the hot spots analysis and schedule an appointment to do so.

Thank you for working with us to improve air quality.

Dave Johnston
Air Pollution Control Officer
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
530-621-7578 phone, 530-295-2774 fax

On Thu, Oct 24, 2013 at 11:57 AM, Swanson, Charles <Swanson.Charles@epa.gov> wrote:

Rainia,

Thank you so much for taking the time to discuss your response to Mr. complaints regarding the Tahoe Asphalt facility located on Industrial Avenue in South Lake Tahoe. Mr. has contacted Deldi Reyes, my supervisor, a number of times in the recent past to share his concerns about the facility. We understand that the El Dorado Air Quality Management District is the lead agency for the regulation of this facility and would like to coordinate any communications we have with Mr to ensure that we accurately represent your efforts to ensure that this facility is in compliance with all relevant regulations. We have also coordinated with our colleagues in the enforcement and permit units on this matter.

The Environmental Justice team often follows up on citizen complaints regardless of whether the issue is identified as an environmental justice issue. It is our role to ensure that community members concerns are addressed and to support an effective dialogue between all stakeholders involved in the issue. In response to Mr. I would like to work with you to ensure that I address his two main

questions of EPA: how the facility is [redacted]ated; and what chemicals are released / used at the facility. More importantly, I think you have a comprehensive story to tell about your efforts with this and I'm happy to work with you in your communications with him.

US EPA provides information on chemicals regulated for asphalt processing and asphalt roofing and manufacturing facilities in the NESHAP for source categories here: http://www.epa.gov/airtoxics/mactfnlalph.html

The fact sheet for the final rule on asphalt facilities (http://www.epa.gov/ttn/atw/asphalt/aparm_fs2.pdf) lists toxic air emissions expected from this type of facility—specifically, our fact sheet notes that formaldehyde, hexane, phenol, polycyclic organic matter, toluene, metals, VOCs and particulate matter can be released at asphalt processing facilities. Do you have more appropriate outreach material or information that I could provide in my communication with Mr. [redacted] to describe the types of toxic air emissions expected from asphalt processing facilities? Additionally can we provide Mr [redacted] your analysis for toxic hotspots with an explanation of the modeled emissions you expect from this type of facility?

Thanks,

Chuck

United States Environmental Protection Agency

Charles Swanson | Environmental Justice Program
415.947.4219 | swanson.charles@epa.gov
US EPA Region 9 | 75 Hawthorne St. (CED-1) San Francisco, CA 94105
http://www.epa.gov/region9/ej/index.html

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Rania Serieh <rania.serieh@edcgov.us> Tue, Nov 5, 2013 at 9:19 AM
To: Swanson.Charles@epa.gov

Hi Chuck:

I don't see the prioritization attached to the previous email. Just in case you didn't get it, please find it attached. Please let me know if you have any further questions.

Rania

Rania Serieh
Air Quality Specialist

Lisa Petersen <lisa.petersen@edcgov.us>

Draft PO

Lisa Petersen <lisa.petersen@edcgov.us> Tue, Oct 22, 2013 at 9:58 AM
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Dave Johnston <dave.johnston@edcgov.us>

Hi Russ,

Attached please find the Draft PO. Let me know if there is anything we need to discuss. The Authority to Construct will be mailed following your review.

The District will conduct a Visible Emission Evaluation (VEE) on the baghouse following the completion of the Authority to Construct, and during follow-up inspections. Most of the new conditions are in regard to what Tahoe Asphalt is required to meet for Particulate Emissions per District rules. The source testing condition has been added to allow the District to require testing if the VEE does not pass. FYI

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

Draft PO.pdf
1486K

AIR QUALITY MANAGEMENT DISTRICT
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7501 Fax: (530) 295-2774
http://www.edcgov.us/AirQualityManagement

AIR POLLUTION PERMIT TO OPERATE #08-167

Revocable and Non-Transferable
Valid from 11-01-2013 until revoked or cancelled
Permit fees due annually

PERMIT ISSUED TO:
Tahoe Asphalt, Inc.
P.O. Box 8378
South Lake Tahoe, CA 96158

EQUIPMENT LOCATION:
Tahoe Asphalt, Inc.
1104 Industrial Avenue
South Lake Tahoe

This Permit is for the equipment described below and as shown on approved plans and specifications. Equipment operation is subject to the conditions listed on the following pages.

Draft

Asphalt Plant

Description	Manufacturer	Model	Rating
Hot Mix Asphalt Batch Plant	Madsen Iron Works	N/A	144 tons/hr average 168 tons/hr maximum
Aggregate Dryer	Madsen Iron Works	8 x 32	60 MMBtu/hr Maximum Temp of 450°F
Liquid Asphalt Storage Tank w/Heater	Hyway	Heater # HYCGO-100	20,000 gal 1.41 MMBtu/hr
Baghouse	Standard Havens	Magnum 8.5	N/A
Blower Fan	CENTRI PAC/ Loren Cook	210 CK	6794 CFM Maximum

This Permit does not authorize emissions of air contaminants in excess of limits allowed by federal, state, or district rules and regulations. Air Quality Management District Rules are available at District Office and www.arb.ca.gov/drdb/ed/cur.htm

BY _____
Dave Johnston
AIR POLLUTION CONTROL OFFICER

_____
ISSUE DATE

THANK YOU FOR WORKING WITH US TO IMPROVE AIR QUALITY.

All applicant proposals are conditions of approval unless mentioned herein.

GENERAL CONDITIONS

1. If any permit condition is found invalid, such finding shall not affect the remaining permit conditions.

2. **PERMIT ACCEPTANCE:** Permit acceptance is deemed acceptance of all conditions specified herein and acceptance of the El Dorado County Air Quality Management District (District) Rules and Regulations.

3. **OPERATION:** Equipment operation must be conducted in compliance with all data and specifications submitted with the application under which this permit was issued. (Rule 501, General Permit Requirements section 501.4.E)

4. **PERMIT AMENDMENT:** The District reserves the right to amend this permit, upon annual renewal, in order to insure facility compliance with District Rules and Regulations. (Rule 501, General Permit Requirements section 501.3.F)

5. **CHANGE OF OWNERSHIP:** The District must be notified prior to change of ownership, building, erecting, altering or replacing any article, machine, equipment or other contrivance, the use of which may cause, eliminate, reduce, or control the issuance of air contaminants. (Rule 501, General Permit Requirements section 501.3)

6. **UPSET/BREAKDOWN:** The District must be notified of any upset or breakdown. (Rule 516, Upset Breakdown Conditions)

7. **ADDITIONAL SOURCES:** The District must be notified prior to the addition of any air pollution source. (Rule 501, General Permit Requirements section 501.3.A)

8. **NUISANCE:** A person shall not discharge from any source quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons, or to the public, or which endanger the comfort, repose, health or safety of any such persons, or the public, or which cause to have a natural tendency to cause injury or damage to business or property. (Rule 205, Nuisance)

9. **RIGHT OF ENTRY:** To enforce or administer any State or local law, order, regulation, or rule relating to air pollution, the Air Pollution Control Officer and his duly authorized agents shall have the right of entry to any premises on which an air pollution emission source is located for the purpose of inspecting such source, including securing samples of emissions there from or any records required to be maintained therewith by the District. The Air Pollution Control Officer or his duly authorized agent shall have the right to inspect sampling and monitoring apparatus as deemed necessary. (Rule 509, Authority to Inspect)

Draft

10. **PERMIT ON PREMISES:** The owner or operator shall maintain a legible copy of said permit on the premises of the subject equipment. (Rule 501, General Permit Requirements section 501.4.A)

OPERATING CONDITIONS

11. **ASPHALT PRODUCTION:** Asphalt production shall not exceed a maximum of 168 tons per hour, 3000 tons per day, or 90,000 tons per year.

12. **AVERAGE HOURLY PRODUCTION LIMIT:** Asphalt production shall not exceed an average hourly limit of 144 tons/hour to be calculated by taking the arithmetic mean, or dividing the daily tonnage processed by the number of hours of operation on that calendar day. The facility may process a maximum of 168 tons/hour for up to four (4) hours per day as long as the average hourly rate for the day is less than or equal to 144 tons.

13. **BAGHOUSE SPARES:** The owner or operator shall maintain, at all times, a 25% supply of baghouse filters and immediately reorder upon usage of this stock. (Rule 501, General Permit Requirements section 501.4.E)

14. **BAGHOUSE MAINTENANCE:** The baghouse and upstream components including the ductwork and drop-out box shall be visually inspected every morning of each day the plant operates. Ineffective, leaking or clogged filters must be replaced prior to operating the baghouse. Leaks found in the baghouses upstream components shall be repaired within five (5) business days.

15. **HOT OIL HEATER:** The hot oil heater operating temperature shall not exceed 450°F.

16. **AGGREGATE DRIER:** The aggregate drier operating temperature shall not exceed 400°F.

17. **CONTAMINATED SOILS:** Use of contaminated soils in the asphalt production process shall be limited to 20 cubic yards per year, or 40 tons per year of petroleum-contaminated soils that result from on-site spills only.

18. **REMEDIATED SOILS:** Contaminated soils originating from off-site shall not be processed on the premises.

EMISSION LIMITATIONS

19. **VISIBLE EMISSIONS:** No source of emissions shall be as dark or darker in shade as that designated as No. 1 (20% Opacity) on the Ringlemann Chart for a period or periods aggregating more than three (3) minutes in any one hour. (Rule 202, Visible Emissions section 202.A)

20. **FINE MATERIAL MANAGEMENT:** A person shall not cause, suffer, allow, or permit any fine material to be handled, transported, or stored

Draft

without taking precautions which prevent the material from becoming airborne and leaving the property. (Rule 223, Fugitive Dust section 223.4.A)

21. **CONCENTRATION LIMIT:** A person shall not cause or allow PM10 levels to exceed 50 micrograms per cubic meter, 24-hour average, when determined by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume particulate matter samplers or other U.S. EPA approved equivalent methods for PM10 monitoring. (Rule 223, Fugitive Dust section 223.4.B)

TESTING REQUIREMENTS

22. **SOURCE TESTING:** Upon the written request of the Air Pollution Control Officer periodic emissions testing shall be conducted to demonstrate compliance with emission limits and District Rules. (Rule 501, General Permit Requirements section 501.3.D)

RECORD KEEPING AND REPORTING

23. **BAGHOUSE FILTER REPLACEMENTS:** Filter replacements shall be recorded for each replacement including the date and number of filters replaced. Records of the visual inspections of the baghouse and upstream components including date and findings shall be maintained. Records shall be retained for no less than 5 years, and shall be made available to District personnel upon request. (Rule 501, General Permit Requirements section 501.5.C.1)

24. **PRODUCTION RECORDS:** Production records shall be maintained and retained for no less than 5 years, and shall be made available to District personnel upon request. (Rule 501, General Permit Requirements section 501.5.C.1)

END OF CONDITIONS

Draft

Complaint Regarding Asphalt Odors

Lisa Petersen <lisa.petersen@edcgov.us>
To: TLeonard@tahoedailytribune.com

Wed, Oct 9, 2013 at 2:44 PM

Hi Trisha,

Over the last 14 months, EDC AQMD staff have visited the site 7 times. Some of these visits were in response to Mr. [redacted] complaints. Other visits were done independently. Staff also conducted routine annual compliance and follow up inspections. Observations were made throughout the facility and at adjacent offsite locations. When asphalt is being processed and loaded into trucks there are odors of asphalt, primarily at the site of origin and intermittently offsite.

The Tahoe Asphalt operators have expressed a willingness to take steps to minimize odors. Together with Tahoe Asphalt, our Air District engineering staff have researched, developed and proposed three methods to help reduce the odors. Two of these action items involved an operational set-point change and aggregate selection methodology and were implemented expeditiously. The third action item will involve modification to the plant including design work, scheduling, budgeting and procurement and will therefore take some time to complete.

To determine if there were significant health concerns associated with these odors, the District performed a Prioritization of Tahoe Asphalt using procedures developed in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the procedures contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to the complainants. The following steps were taken to assure that a worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.
2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, a higher asphalt throughput was used to determine aggregate emissions.
3. In calculating the aggregate emissions, *uncontrolled* emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as *emissions controls* for aggregate processing.
4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore likely over-estimated.

Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the Prioritization for each substance. The purpose of this evaluation procedure is to ensure that facilities that may present a significant concern are designated as a high priority, and facilities that do not are identified to be a low priority. A high priority facility's Total S core is equal to or greater than 10. If a facility exceeds this threshold, a refined Health Risk Assessment is likely to be requested by the District. A low priority facility's Total Score is below 1 (one).

The Prioritization scores for Tahoe Asphalt were less than 1 for non-carcinogenic effects and less than 1 for carcinogenic effects. The District considers this facility to be a low priority facility thereby representing the lower end of the spectrum in terms of receptor impact. Regardless of the Prioritization Score, the odor complaints have been seriously investigated and considered, and Tahoe Asphalt is undertaking actions to reduce or further control any nuisance odors in the community.

The District has respectfully requested the complainant's patience during the coming months as Tahoe Asphalt addresses the reduction of asphalt odors via modifications to the existing emissions control equipment. Additionally, as suggested by Russell Crawford, Tahoe Asphalt's General Manager during the District's July 8th visit, we have given his contact information to the complainant s and suggested that he be called directly so that he could meet with them and/or give them a tour of the facility and asphalt production operations.

Also, in addition to the routine inspections that the District conducts, we have added Tahoe Asphalt to our list of sources to be screened for nuisance complaints.

If you have any questions or comments [illegible]ase call me.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Oct 9, 2013 at 2:44 PM
To: Dave Johnston <dave.johnston@edcgov.us>

Oops, thought I cc'd you.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Trisha Leonard <tleonard@tahoedailytribune.com> Wed, Oct 9, 2013 at 2:44 PM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Thanks for this, Lisa. Again, I appreciate you taking the time to speak with me this afternoon. I will let you know if I have any more question.

-TL

Trisha Leonard
Editor, Tahoe Daily Tribune
tleonard@tahoedailytribune.com
530-542-8006

From: Lisa Petersen <lisa.petersen@edcgov.us>
Date: Wednesday, October 9, 2013 2:44 PM
To: Trisha Leonard <tleonard@tahoedailytribune.com>
Subject: Complaint Regarding Asphalt Odors

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us>

Fwd: Asphalt plant?

Dave Johnston <dave.johnston@edcgov.us> Wed, Oct 9, 2013 at 9:39 AM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Can you please follow up with Tahoe Tribune's Trisha Leonard?

Thank you for working with us to improve air quality.
Dave Johnston, APCO
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530-621-7578
530-295-2774 fax

---------- Forwarded message ----------
From: **Greg Stanton** <greg.stanton@edcgov.us>
Date: Wed, Oct 9, 2013 at 8:22 AM
Subject: Fwd: Asphalt plant?
To: Dave Johnston <dave.johnston@edcgov.us>
Cc: Barbara Houghton <barbara.houghton@edcgov.us>, Michael Tilley <michael.tilley@edcgov.us>

Hi Dave! I believe Mike left you a voice message yesterday regarding Tahoe Asphalt. The attached email thread is what generated Mike's call. Do you have any info relevant to Trisha's comments from an AQMD perspective?
Thanks,
Greg

---------- Forwarded message ----------
From: **Margaret Williams** <margaret.williams@edcgov.us>
Date: Mon, Oct 7, 2013 at 3:25 PM
Subject: Fwd: Asphalt plant?
To: Greg D Stanton <greg.stanton@edcgov.us>
Cc: Trisha Leonard <tleonard@tahoedailytribune.com>

Hi Greg. Per our conversation, please see Trisha's inquiry regarding a facility in South Lake Tahoe. If you can provide her with any information or assistance, I'm sure she'd appreciate it.

Thanks!

Maggie
Margaret Williams
Health Program Manager
Public Information Officer
El Dorado County Health & Human Services Agency
3057 Briw Road, Suite A
Placerville, CA 95667
Phone (530) 642-7164

Fax (530) 626-7734

---------- Forwarded message ----------
From: **Trisha Leonard** <tleonard@tahoedailytribune.com>
Date: Mon, Oct 7, 2013 at 2:55 PM
Subject: Asphalt plant?
To: Margaret Williams <margaret.williams@edcgov.us>

Hi Maggie

Hi, Maggie,

I just had a guy who lives near the "Y" up here call me and say there's an asphalt plant or something like that in the area that is making people sick. He said this has been going on for 13 years and residents were recently asked to be patient while major changes are made to the plant. However, he said the plant is under federal jurisdiction and wonders whether those changes will still happen now that the government is shutdown.

Do you know anything about this? Is there any truth to what he's saying?

Thanks for any insight you can provide.

Trisha Leonard
Editor, Tahoe Daily Tribune
tleonard@tahoedailytribune.com
530-542-8006

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

--

Greg Stanton, REHS
Deputy Director
County of El Dorado
Community Development Agency
Environmental Management Division
(530) 621-6658

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Oct 9, 2013 at 1:06 PM
To: Dave Johnston <dave.johnston@edcgov.us>

I just got off the phone with Ms. Leonard and after lunch will send one of the news media emails to her.

I did a quick verbal summary and she was very understanding.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane

Placerville, CA 95667
(530) 621-7574
[Quoted text hidden]

Dave Johnston <dave.johnston@edcgov.us> Wed, Oct 9, 2013 at 2:52 PM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Thanks Lisa

Sent from my iPhone
[Quoted text hidden]
[Quoted text hidden]

Good Morning

Lisa Petersen <lisa.petersen@edcgov.us> Thu, Sep 12, 2013 at 9:15 AM
To: russ crawford <tarbabe@sbcglobal.net>

Hi Russ,

I have records that show your tonnage out is higher than 120 (~128) tons per hour. And the rating of 144 tons per hour is listed on the front page of the HMA permit. Therefore, do you agree that 144 tons per hour is a limit we can state in a permit condition?

Also, I would like to include a daily limit. What are the maximum hours per day the plant operates at?

Thanks - these answers will help me complete the permit modification.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

russ crawford <tarbabe@sbcglobal.net> Thu, Sep 12, 2013 at 11:40 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Let's make that 168/hr. We have been able to achieve that with certain kinds on mix. We won't be able to hold that number over an 8 hr period but can peak at that for several hours. Thanks Russ

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Thursday, September 12, 2013 9:15 AM
Subject: Good Morning

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Thu, Sep 12, 2013 at 12:29 PM
To: russ crawford <tarbabe@sbcglobal.net>

Okay - shall I assume - 10 hrs/day?

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Thu, Sep 12, 2013 at 4:43 PM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Lisa, sure 10 hrs. woorks for me.

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Thursday, September 12, 2013 12:29 PM
Subject: Re: Good Morning

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Thu, Sep 12, 2013 at 4:56 PM
To: russ crawford <tarbabe@sbcglobal.net>

Okay - thanks. We need to know a couple of more things...

1. The optimum temperature of the heater, and
2. The optimum change in pressure across the baghouse - and your plan for determining compliance with the pressure drop spec if not a gauge.

Do you know what kind of curtains will be used? And are you seriously considering a drop chute in addition?

We are almost there!

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Oct 9, 2013 at 3:26 PM
To: russ crawford <tarbabe@sbcglobal.net>

Hi Russ,

Another complaint has been made - this time to the Tahoe Daily Tribune. So it must be time again to check in with you to see if you have made progress on answering the questions from my previous email. I am waiting for this information to deem your application finally complete and move forward with the Authority to Construct.

Thanks,

Lisa Petersen

Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Thu, Oct 10, 2013 at 4:26 PM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

I am sorry I did not look at the bottom of your Email. Let's set the daily hours as 18. We have had to work nights to accommodate the agencies and traffic concerns. We will work two 8 hour shifts with a break for maintenance in between. Daily limit of 3000 tons and a production rate not to exceed 168 tons per hour. I don't think the Tribune will bite on this as a story, I welcome them to interview me and I would be delighted to have all the good works of Tahoe Asphalt to be brought into the public light. I do appretiate all that you are doing for us. Rania stopped by today and let me know how much trouble that our precious neighbor is stirring up. Thanks for hanging in with us. We generate sales tax on 3-4 million dollars a year. Hate to lose that for a couple of part time residents. Thanks, Russ

---

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Wednesday, October 9, 2013 3:26 PM
Subject: Re: Good Morning
[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Fri, Oct 11, 2013 at 12:40 PM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Liquid asphalt temps need to be in the 300-325F range to work properly. because of the type of material and the elevation the baghouse does not support proper combustion at normal pressure drops. The baghouse will not move enough air to support combustion. This is how we know that the baghouse is not working properly. It happens quickly and abruptly. Because of this I have never repaired the gauges that did not work when I arrived here. I think I am going to try the translucent freezer plastic. It is the same as we are currently using on the cold feeds.

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Sent: Wednesday, October 9, 2013 3:26 PM
Subject: Re: Good Morning
[Quoted text hidden]

[redacted] complaint

Judy Finn <jfinn@cityofslt.us> Tue, Sep 10, 2013 at 10:31 AM
To: rania.serieh@edcgov.us

Hello Rania,

Thank you for discussing with me the complaint that was forwarded to the City of South Lake Tahoe regarding [redacted] at [redacted] concerning the Tahoe Asphalt plant. The information and explanation you provided were very helpful.

It would be very helpful to us to have a copy of your report for our files. Will you please send me a copy of your report? Thank you.

Judy Finn

Associate Planner

City of South Lake Tahoe

1052 Tata Lane

South Lake Tahoe, CA 96150

phone: 530-542-6022

fax: 530-541-7524

email: jfinn@cityofslt.us

Rania Serieh <rania.serieh@edcgov.us> Wed, Sep 11, 2013 at 11:02 AM
To: Judy Finn <jfinn@cityofslt.us>
Cc: Dave Johnston <dave.johnston@edcgov.us>

Hi Judy:

I do not think that I have one report that covers all what we discussed over the telephone. Therefore, I am going to summarize what we have done with regard this complaint so far in this email. Hopefully, it will suffice your request.

As stated in the attached letter, dated July 17, 2013, and was sent to [redacted] investigations were conducted on July 2nd and 8th. On July 8th, I issued Notice to Comply # 1663. The source was requested to conduct further evaluation of fugitive emissions coming out of the drop-out zone and to submit to the District control measures to be approved. On August 12, 2013, the source has submitted an Authority to Construct (AC) to modify the pugmill mixer capturing system to control any potential visible smoke emissions at the drop-out zone and vent them to the baghouse. Considering wind direction and [redacted] resident location, this control measure should significantly reduce the odor compared with the current situation. In Addition to the above dates, we did follow-up investigations on the dates listed below:

- On July 19, 2013, at 10:25 am, at [redacted] resident at [redacted] I didn't observe any odor. At 10:30 am I met [redacted] at her residence located at [redacted] I asked her if she was experiencing any odor, she stated "no." I wasn't observing any odor either. At the same day, at 12:10 pm, I met with [redacted] at his residence at [redacted], and when I asked him if he was experiencing any smell that can be considered an odor, his answer was yes. I didn't smell any odor of asphalt or tar-like at that time. At 12:20 pm, I met with [redacted] and asked her if she had smelled any tar-like, asphalt

smell in the last 30 minutes, he[redacted]ver was no. Reviewing the source log, the sou[redacted]ad a truck load between 12:14 and 12:24 pm.

- On August 14, 2013, prior to the source annual routine inspection, at around 11:20 am, I parked offsite cross street from the facility at Industrial Avenue, I observed Tar-like, asphalt smell, and on an intensity scale from 1-5, it was 3 - easy noticeable, intermittent, and lasted for less than 60 seconds. I was observing trucks' loading. The wind was blowing toward west, which is the opposite direction of [redacted] residence. At 11:30 am, it was 4-strong, but intermittent and lasted for about 30 to 50 seconds. At 11:45 am, it was 1-very faint. Then I paid a visit to the source and after finalizing the routine inspection, the source was notified that a thorough inspection will be conducted once the AC is approved, and all deficiencies listed in the Notice to Comply # 1663 are corrected.

- On August 20, 2013, at around 11:45 am to 12:15 pm, Candice Thomas, Senior Air Quality Specialist, parked across from [redacted] and observed asphalt odor, very faint and only one time, and it lasted for less than 30 seconds.

- On August 26, 2013, at around 12:45 pm to 1:15 pm, Candice Thomas parked across from [redacted] and observed an asphalt smell a few times, one was on an intensity scale from 1-5, was 3 - easy noticeable and lasted for less than 30 seconds, others were faint and lasted less than 30 seconds.

On August 23, 2013, at approximately 1:30 pm, Candice Thomas received a call from [redacted] He stated that in addition to the smoke he was being affected by the significant odor from the asphalt plant. He is upset that we are 'giving out wrong information to the media' and ended up saying "You are in trouble. Goodbye."

Additionally, as was discussed over the telephone yesterday, the District performed a Prioritization of Tahoe Asphalt in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to the complainants. The following steps were taken to assure that a worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.

2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, a higher asphalt throughput was used to determine aggregate emissions.

3. In calculating the aggregate emissions, uncontrolled emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as emissions controls for aggregate processing.

4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore, generally over-estimated.

Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the Prioritization for each substance. The resulting Prioritization scores for Tahoe Asphalt were 0.27 for non-carcinogenic effects and 0.13 for carcinogenic effects. As per request, attached is the prioritization spreadsheet. Regardless of the Prioritization Score, the odor complaints have been seriously investigated and considered, and Tahoe Asphalt is undertaking actions to reduce or further control any nuisance odors in the community.

Also, per your background, Tahoe Asphalt was established in 1964. The source is permitted up to 100, 000 ton of asphalt per year. The maximum annual permitted production is being reduced to 90, 000 ton per year. By reviewing our records from 1986 until 2012, the average annual reported throughput was around 30,000 Ton. The maximum reported throughput was for 1986 of 45,976 ton. Also, the throughput of calendar years 1996, 1998, and 2012, were 44,386 ton, 42,743, and 41,432 ton; respectively.

Finally, in addition to the routine regular inspections that we conduct, Tahoe Asphalt Inc. was added to our list of sources to be screened for dust and odor nuisance.

Please do not hesitate to contact me should you need any further information.

Sincerely,

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

[Quoted text hidden]

2 attachments

[redacted] **Letter 7_19_13.PDF**
101K

PS Scores Tahoe Asphalt.xls
101K

Judy Finn <jfinn@cityofslt.us> Wed, Sep 11, 2013 at 2:11 PM
To: Rania Serieh <rania.serieh@edcgov.us>

Hi Rania,

Thank you very much for providing your summarization of the [redacted] complaints and investigation, the letter to Mr. [redacted] and the PS score sheet. All of the information you provided is very helpful to have on file and useful in understanding the complaint.

I appreciate all of your help. Thank you.

Judy Finn

Associate Planner

City of South Lake Tahoe

1052 Tata Lane

South Lake Tahoe, CA 96150

phone: 530-542-6022

fax: 530-541-7524

email: jfinn@cityofslt.us

From: Rania Serieh [mailto:rania.serieh@edcgov.us]
Sent: Wednesday, September 11, 2013 11:03 AM
To: Judy Finn
Cc: Dave Johnston
Subject: Re: [redacted] complaint

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.

Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.

If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your

Tahoe Asphalt Complaint

Rania Serieh <rania.serieh@edcgov.us> Wed, Sep 4, 2013 at 5:04 PM
To: salazar.matt@epa.gov
Cc: Dave Johnston <dave.johnston@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Candice Thomas <candice.thomas@edcgov.us>

Matt:

Attached please find a scanned copy of the letter, dated July 17, 2013, which was sent to [redacted]. As stated in the attached letter, investigations were conducted on July 2nd and 8th. On July 8th, I issued Notice to Comply # 1663. The source was requested to conduct further evaluation of fugitive emissions coming out of the drop-out zone and to submit to the District control measures to be approved. On August 12, 2013, the source has submitted an Authority to Construct (AC) to modify the pugmill mixer capturing system to control any potential visible smoke emissions at the drop-out zone and vent them to the baghouse. Considering wind direction and [redacted] resident location, this control measure should significantly reduce the odor compared with the current situation. In Addition to the above dates, we did follow-up investigations on the dates listed below:

- On July 19, 2013, at 10:25 am, at [redacted] resident at [redacted] I didn't observe any odor. At 10:30 am I met [redacted] at her residence located at [redacted] I asked her if she was experiencing any odor, she stated "no." I wasn't observing any odor either. At the same day, at 12:10 pm, I met with [redacted], at his residence at [redacted] and when I asked him if he was experiencing any smell that can be considered an odor, his answer was yes. I didn't smell any odor of asphalt or tar-like at that time. At 12:20 pm, I met with [redacted] and asked her if she had smelled any tar-like, asphalt smell in the last 30 minutes, her answer was no. Reviewing the source log, the source had a truck load between 12:14 and 12:24 pm.

- On August 14, 2013, prior to the source annual routine inspection, at around 11:20 am, I parked offsite cross street from the facility at Industrial Avenue, I observed Tar-like, asphalt smell, and on an intensity scale from 1-5, it was 3 - easy noticeable, intermittent, and lasted for less than 60 seconds. I was observing trucks' loading. The wind was blowing toward west, which is the opposite direction of [redacted] residence. At 11:30 am, it was 4-strong, but intermittent and lasted for about 30 to 50 seconds. At 11:45 am, it was 1-very faint. Then I paid a visit to the source and after finalizing the routine inspection, the source was notified that a thorough inspection will be conducted once the AC is approved, and all deficiencies listed in the Notice to Comply # 1663 are corrected.

- On August 20, 2013, at around 11:45 am to 12:15 pm, Candice Thomas, Senior Air Quality Specialist, parked across from [redacted] and observed asphalt odor, very faint and only one time, and it lasted for less than 30 seconds.

- On August 26, 2013, at around 12:45 pm to 1:15 pm, Candice Thomas parked across from [redacted] and observed an asphalt smell a few times, one was on an intensity scale from 1-5, was 3 - easy noticeable and lasted for less than 30 seconds, others were faint and lasted less than 30 seconds.

On August 23, 2013, at approximately 1:30 pm, Candice Thomas received a call from [redacted] He stated that in addition to the smoke he was being affected by the significant odor from the asphalt plant. He is upset that we are 'giving out wrong information to the media' and ended up saying "You are in trouble. Goodbye."

Additionally, as was discussed over the telephone yesterday, the District performed a Prioritization of Tahoe Asphalt in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to the complainants. The following steps were taken to assure that a worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.

2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, a higher asphalt throughput was used to determine aggregate emissions.

3. In calculating the aggregate emissions, uncontrolled emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as emissions controls for aggregate processing.

4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore, generally over-estimated.

Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the

Prioritization for each substance. The resu[redacted] Prioritization scores for Tahoe Asphalt were 0.[redacted]r non-carcinogenic effects and 0.13 for carcinogenic effects. As per request, attac[redacted] is the prioritization spreadsheet. Regardless o[redacted]e Prioritization Score, the odor complaints have been seriously investigated and considered, and Tahoe Asphalt is undertaking actions to reduce or further control any nuisance odors in the community.

Also, per your background, Tahoe Asphalt was established in 1964. The source is permitted up to 100, 000 ton of asphalt per year. The maximum annual permitted production is being reduced to 90, 000 ton per year. By reviewing our records from 1986 until 2012, the average annual reported throughput was around 30,000 Ton. The maximum reported throughput was for 1986 of 45,976 ton. Also, the throughput of calendar years 1996, 1998, and 2012, were 44,386 ton, 42,743, and 41,432 ton; respectively.

Finally, in addition to the routine regular inspections that we conduct, Tahoe Asphalt Inc. was added to our list of sources to be screened for dust and odor nuisance.

Please let us know your comments, questions, or recommendations. Your input is highly appreciated.

Sincerely,

Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

2 attachments

[redacted] **Letter 7_19_13.PDF**
101K

PS Scores Tahoe Asphalt.xls
101K

Dave Johnston <dave.johnston@edcgov.us> Wed, Oct 9, 2013 at 9:13 AM
To: Greg D Stanton <greg.stanton@edcgov.us>, Michael Tilley <michael.tilley@edcgov.us>, Margaret Williams <margaret.williams@edcgov.us>, Barbara Houghton <barbara.houghton@edcgov.us>
Cc: Lisa Petersen <lisa.petersen@edcgov.us>

Folks:

We have been working on this situation for quite some time. Please see forwarded messages and attached correspondence with Fed EPA staff.

Since the date of the forwarded message below (9/4/13), inspection staff have conducted an additional 5-6 random odor observations and engineering staff have continued to work with operator to improve the process. To date staff have determined the operator has not violated he District's nuisance Rule. Nevertheless, over the past several months the facility operator has and continues to take steps to further control emissions. Our Engineer's health risk assessment is also attached for your review.

We will follow up with Tahoe Tribune. Please contact me if you have any additional questions.

Thank you for working with us to improve air quality.
Dave Johnston, APCO
EDC Air Quality Management District

330 Fair Lane
Placerville, CA 95667
530-621-7578
530-295-2774 fax
[Quoted text hidden]
[Quoted text hidden]

2 attachments

[redacted] **Letter 7_19_13.PDF**
101K

PS Scores Tahoe Asphalt.xls
101K

Greg Stanton <greg.stanton@edcgov.us> Wed, Oct 9, 2013 at 3:04 PM
To: Dave Johnston <dave.johnston@edcgov.us>
Cc: Michael Tilley <michael.tilley@edcgov.us>, Margaret Williams <margaret.williams@edcgov.us>, Barbara Houghton <barbara.houghton@edcgov.us>, Lisa Petersen <lisa.petersen@edcgov.us>, Gerri Silva <gerri.silva@edcgov.us>

Thanks Dave!
[Quoted text hidden]
--
Greg Stanton, REHS
Deputy Director
County of El Dorado
Community Development Agency
Environmental Management Division
(530) 621-6658
[Quoted text hidden]

Tahoe Asphalt Inc.- Complaint

Rania Serieh <rania.serieh@edcgov.us> Mon, Aug 19, 2013 at 8:55 AM
To: amarin@arb.ca.gov

Good Morning Anthony:

Thank you for you voice message left to me on Friday, 8/16/13. I apologize that I could not get back to you since I was out of the office all day. And this morning, I have scheduled inspections and I need to leave the office very soon. I will give you a call this afternoon to discuss Tahoe Asphalt complaint. Thank you for your understanding.

Sincerely,
Rania

Rania Serieh
Air Quality Specialist
EDC Air Quality Management District
330 Fair Lane, Placerville, CA 95667
Phone: (530) 621-7509
Fax: (530) 295-2774

Marin, Anthony@ARB <amarin@arb.ca.gov> Mon, Aug 19, 2013 at 9:00 AM
To: Rania Serieh <rania.serieh@edcgov.us>

Hi Rania,

Thank you for taking the time to contact me. Sorry for taking you away from your busy schedule.

Thank you,

Anthony Marin

California Air Resources Board

Office of the Ombudsman

amarin@arb.ca.gov

(916)445-5569

From: Rania Serieh [mailto:rania.serieh@edcgov.us]
Sent: Monday, August 19, 2013 8:56 AM
To: Marin, Anthony@ARB
Subject: Tahoe Asphalt Inc.- Complaint

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.

[redacted] Complaints of Asphalt Odors

Lisa Petersen <lisa.petersen@edcgov.us>
To: ASheets@hearst.com
Cc: Dave Johnston <dave.johnston@edcgov.us>

Thu, Aug 8, 2013 at 9:49 AM

Ms. Sheets,

Over the last 13 months, EDC AQMD staff have visited the site 7 times. Some of these visits were in response to Mr. [redacted] complaints. Other visits were done independently. Staff also conducted routine annual compliance and follow up inspections. Observations were made throughout the facility and at adjacent offsite locations. When asphalt is being processed and loaded into trucks there are odors of asphalt, primarily at the site of origin and intermittently offsite.

The Tahoe Asphalt operators have expressed a willingness to take steps to minimize odors. Together with Tahoe Asphalt, our Air District engineering staff have researched, developed and proposed three methods to help reduce the odors. Two of these action items involved an operational set-point change and aggregate selection methodology and were implemented expeditiously. The third action item will involve modification to the plant including design work, scheduling, budgeting and procurement and will therefore take some time to complete.

To determine if there were significant health concerns associated with these odors, the District performed a Prioritization of Tahoe Asphalt using procedures developed in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to the complainants. The following steps were taken to assure that a worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.
2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, a higher asphalt throughput was used to determine aggregate emissions.
3. In calculating the aggregate emissions, *uncontrolled* emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as *emissions controls* for aggregate processing.
4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore, generally over-estimated.

Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the Prioritization for each substance. The purpose of this evaluation procedure is to ensure that facilities that may present a significant concern are designated as a high priority , and facilities that do not are identified to be a low priority. A high priority facility's T

otal Score is equal to or greater [redacted]n 10. If a facility exceeds this thres[redacted], a refined Health Risk Assessment is likely to be requested by the District. A low priority facility's Total Score is below 1 (one).

The resulting Prioritization scores for Tahoe Asphalt were **0.27 for non-carcinogenic effects** and **0.13 for carcinogenic effects**. These scores are both less than one and the District considers this facility to be a low priority facility thereby representing the lower end of the spectrum in terms of receptor impact. Regardless of the Prioritization Score, the odor complaints have been seriously investigated and considered, and Tahoe Asphalt is undertaking actions to reduce or further control any nuisance odors in the community.

The District has respectfully requested the complainant s patience during the coming months as Tahoe Asphalt addresses the reduction of asphalt odors via modifications to the existing emissions control equipment. A dditionally, as suggested by Russell Crawford, Tahoe Asphalt's General Manager during the District's July 8th visit, we have given his contact information to the complainants and suggested that he be called directly so that he could meet with them and/or give them a tour of the facility and asphalt production operations.

Please contact me if you have any questions or comments.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

Additional Suggested Control Measures

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Jul 31, 2013 at 4:25 PM
To: tarbabe@sbcglobal.net

Hi Russell,

We finally heard back from CARB on asphalt production odor control methodologies, and the other options that Tahoe Asphalt might consider are installing a drop tube so that the asphalt doesn't get as agitated as it is loaded and/or enhanced baghouse maintenance to also control fugitive particles being released in the asphalt production process. Just wanted to pass it on.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

russ crawford <tarbabe@sbcglobal.net> Thu, Aug 1, 2013 at 8:14 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Thanks Lisa i will investigate

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: tarbabe@sbcglobal.net
Sent: Wednesday, July 31, 2013 4:25 PM
Subject: Additional Suggested Control Measures

[Quoted text hidden]

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.
Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.
If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.
Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Wed, Aug 7, 2013 at 4:20 PM
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Dave Johnston <dave.johnston@edcgov.us>

Hi Russ,
I understand your calculations in regards to air changes and the fan size. So now we need you to fill out an Authority to Construct application found at the link; http://www.edcgov.us/Government/AirQualityManagement/Authority_to_Construct_Permits.aspx and submit the required evaluation fee ($344 per the 13/14 fee schedule) with the application.

Unfortunately, complaints are still being made - but to local News Stations instead of us. Have you received any complaints from your

neighbors recently? We gave them your co[redacted] information and encouraged them to contact [redacted] directly as you'd suggested.

Conditions of your Authority to Construct will likely include the subsequent submittal of As-Built drawings of all modifications so please have them made as you progress. Also, as your Permit to Operate includes conditions that no longer apply due to contaminated soils no longer being used in your process, the permit will be modified to reflect current operations.

Please note that the third item on the July 8, 2013 Notice to Comply was also included in a Notice to Comply issued last year - "submit to the AQMD the optimum operating temperature of the heated oil..." important because a temperature range will be added to your permit as an operating condition. I believe that following our visit to Tahoe Asphalt on July 8, the temperature was lowered 25F to 333F, but I don't know how low is optimal for both odor control and the final product consistency.

There is also some concern in regards to the baghouse's visible emissions. What is the pressure differential at which the baghouse should be operated? This should also, and likely will be a condition on your permit. At the inspection following the completion of the exhaust modifications, a Visible Emissions Evaluation will be performed on the baghouse.

Please provide as much of this information with the Authority to Construct as possible.

Thank you,

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Thu, Aug 8, 2013 at 7:17 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Lisa, Thank You, To date, I have mnot received any direct complaints from my neighbors.
Thank you for your help on this matter. I will draft a directed to my neighbors and have you take a peek and make changes as apprpriate,

---

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Dave Johnston <dave.johnston@edcgov.us>
Sent: Wednesday, August 7, 2013 4:20 PM
Subject: Re: Additional Suggested Control Measures

[Quoted text hidden]

---

russ crawford <tarbabe@sbcglobal.net> Thu, Aug 8, 2013 at 7:26 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: Lisa Petersen <lisa.petersen@edcgov.us>

Lisa , our permit runs Nov to Nov. we did this to allow for the off season to adjust it as nessecary. I will have an authority to costruct to you in the next couple of weeks, I need to finalize my plans. Thanks, Russ

---

From: Lisa Petersen <lisa.petersen@edcgov.us>
To: russ crawford <tarbabe@sbcglobal.net>
Cc: Dave Johnston <dave.johnston@edcgov.us>
Sent: Wednesday, August 7, 2013 4:20 PM
Subject: Re: Additional Suggested Control Measures

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Thu, Aug 8, 2013 at 8:10 AM
To: Dave Johnston <dave.johnston@edcgov.us>

Tahoe Asphalt's reply. Want to keep you up on it since it may continue to escalate.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

---------- Forwarded message ----------
From: **russ crawford** <tarbabe@sbcglobal.net>
Date: Thu, Aug 8, 2013 at 7:26 AM
Subject: Re: Additional Suggested Control Measures
[Quoted text hidden]

Dave Johnston <dave.johnston@edcgov.us> Thu, Aug 8, 2013 at 9:08 AM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Thanks Lisa

Thank you for working with us to improve air quality.
Dave Johnston, APCO
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530-621-7578
530-295-2774 fax
[Quoted text hidden]
[Quoted text hidden]

RE: Asphalt Plants

Kemena, Dave@ARB <dkemena@arb.ca.gov>
To: "lisa.petersen@edcgov.us" <lisa.petersen@edcgov.us>
Cc: "Lindberg, Jeff@ARB" <jlindber@arb.ca.gov>, "Sehgal, Rajeev (Ben)@ARB" <rsehgal@arb.ca.gov>

Mon, Jul 29, 2013 at 10:51 AM

Hi Lisa,

We have been polling people around the office, and State for that matter, and, as is often the case in odor complaints, there are no real answers.

Sadly, it seems like from the time I was an inspector for San Joaquin Unified APCD, (early 1990's), not much has changed. Pretty much, from what we have learned, most districts treat the odor as a nuisance complaint, and each district has its own definition of what constitutes a nuisance (certain number of complaints over a specified time period). And even if enough complaints are received to constitute a nuisance, usually the outcome is some sort of compromise regarding either location, or rate of production, or both. In a worst case scenario, an abatement order may be issued if the nuisance is prolonged and widespread.

Of course, there is always the option of the complainant taking the source to civil court. But, I've heard some stories about some sources, speaking off the record, saying that litigation for odor is something they plan for, and they consider it just a cost of doing business. Not a very effective way to address odors in my opinion.

In terms of remedies or controls...sometimes sources can change the drop height or install drop tubes so that the asphalt doesn't get as agitated as it is loaded. I also recall some interest in using some sort of bio-filtration controls for odors captured as the asphalt is being processed...but not sure about how to capture odors at load-out. Pretty much the only remedy that works 100 percent is the relocation of the plant, away from complainants. This is probably the reason that there are many portable asphalt batch plants.

Many times, districts will ask the source for their best plan for odor abatement, since most sources are acutely aware of the frequency of odor complaints regarding their industry. Some of these plans consider wind direction and frequency, (may reduce or curtail production when wind is blowing toward sensitive receptors, complainants), vegetation for wind-breaks (trees, shrubs, etc.), fugitive dust plans to reduce particulate matter going off site (including asphalt particulates), and enhanced bag-house maintenance to also control fugitive particles being release in the asphalt production process.

I'll cc this to Ben, to see if he can think of anything else. It really is a challenge to find remedies for nuisance odor complaints, from any source.

Good luck, I wish I could be of more help. Please contact me if I can not help you in any other way. ☺

David Kemena

Ph: 916-324-8019

From: Lisa Petersen [mailto:lisa.petersen@[redacted]ov.us]
Sent: Monday, July 15, 2013 03:59 PM Pacific Standard Time
To: Sehgal, Rajeev (Ben)@ARB
Subject: Asphalt Plants

Hi Mr. Sehgal,

We are receiving complaints regarding asphalt batch mix odors from one of our sources. We think that the odors are originating from the truck load out but are having difficulties finding odor abatement options to consider for this very old source. I was told that you may be able to point me in the direction of current or past asphalt batch mix processes for which this problem has been solved. Will you please let me know if you have any information that might assist us?

Thank you in advance for any related info!

Lisa Petersen

Air Quality Engineer

EDC Air Quality Management District

330 Fair Lane

Placerville, CA 95667

(530) 621-7574

NOTICE: This e-mail and any files transmitted with it may contain confidential information, and are intended solely for the use of the individual or entity to whom they are addressed.

Any retransmission, dissemination or other use of the information by persons other than the intended recipient or entity is prohibited.

If you receive this e-mail in error please contact the sender by return e-mail and delete the material from your system.

Thank you.

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jul 29, 2013 at 11:05 AM
To: Candice Thomas <candice.thomas@edcgov.us>, Rania Serieh <rania.serieh@edcgov.us>
Cc: Dave Johnston <dave.johnston@edcgov.us>

So... if the "shroud" and fan system that Mr. Crawford is designing for Tahoe Asphalt doesn't work, we may suggest a drop tube and increased baghouse maintenance. Nice to hear that some of the 'big guys' struggled with these type of nuisance complaints as well. And the sign off from Mr. Kemena was very funny.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jul 29, 2013 at 11:12 AM
To: "Kemena, Dave@ARB" <dkemena@arb.ca.gov>

Hi Dave,

Thank you so much - any input is greatly appreciated.

Lisa Petersen
Air Quality Engineer
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
(530) 621-7574

[Quoted text hidden]

Kemena, Dave@ARB <dkemena@arb.ca.gov> Mon, Jul 29, 2013 at 11:17 AM
To: Lisa Petersen <lisa.petersen@edcgov.us>
Cc: "Lindberg, Jeff@ARB" <jlindber@arb.ca.gov>

You're welcome.

Sorry it took so long to tell you stuff you probably already know.

My boss, Jeff Lindberg, sometimes goes to CAPCOA meetings...I'll ask him to re-check with enforcement people there, see if any new ideas are out there regarding asphalt plants. ☺

Cheers,

Dave

From: Lisa Petersen [mailto:lisa.petersen@edcgov.us]
Sent: Monday, July 29, 2013 11:12 AM
To: Kemena, Dave@ARB
Subject: Re: Asphalt Plants

[Quoted text hidden]

Dave Johnston <dave.johnston@edcgov.us> Mon, Jul 29, 2013 at 11:46 AM
To: Lisa Petersen <lisa.petersen@edcgov.us>

Yes, we may want to suggest they consider those additional controls now.

Thank you for working with us to improve air quality.
Dave Johnston, APCO
EDC Air Quality Management District
330 Fair Lane
Placerville, CA 95667
530-621-7578
530-295-2774 fax
[Quoted text hidden]
[Quoted text hidden]

Lisa Petersen <lisa.petersen@edcgov.us> Mon, Jul 29, 2013 at 11:55 AM
To: Dave Johnston <dave.johnston@edcgov.us>

I will send Mr. Crawford a message that he might include either a drop tube or enhanced baghouse maintenance - or both with their current modification proposal. We should be getting an Authority to Construct application in the next few weeks for their load-out capture mod.

County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

[redacted]
South Lake Tahoe, CA 96158

July 17, 2013

RE: Asphalt Odors Complaint

Complaints were received July 1st, 3rd, 4th, 5th, 8th, 9th and 12th by the El Dorado County Air Quality Management District (District) regarding asphaltic odors believed to originate from Tahoe Asphalt on Industrial Avenue. The nature of the complaints alleged that odors from the asphalt plant were making the complainants and families sick with respiratory distress, sore throats, eye irritation, and headaches. The complainants alleged that they were often unable to open their windows and that it has been a chronic issue over a period of years.

On July 2nd District staff, Candice Thomas and Rania Serieh visited Tahoe Asphalt which was not operating at the time. On July 8th District staff, Rania Serieh and Lisa Petersen talked with a member of your family in front of your home and observed intermittent asphaltic odors. We proceeded to Tahoe Asphalt to investigate the complaint and observe operations. During this visit asphaltic odors were intermittently observed and the Tahoe Asphalt General Manager explained each process of the operation that produced emissions. Tahoe Asphalt was very cooperative and together with District staff developed three action items to help reduce the odors. Two of these action items involved an operational set-point change and aggregate selection methodology and were implemented expeditiously. The third action item will involve modification to the plant including design work, planning, scheduling, budgeting and procurement and will therefore take some time to complete. Tahoe Asphalt is concerned about the complaints and they have stated they will take every opportunity during the current operational season to move forward on the modification. The bulk of the work to complete the modification will be completed off-season.

In response to these complaints, the District has performed a Prioritization of Tahoe Asphalt (the facility) in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to potential receptors. The following steps were taken to assure that the worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.
2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, the higher asphalt throughput was used to determine aggregate emissions.
3. In calculating the aggregate emissions, *uncontrolled* emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as *emissions controls* for aggregate processing.
4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore, generally over-estimated.
5. Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the Prioritization calculation for each substance.

A Prioritization score is determined by multiplying a substance's emissions by the potency, then by the dispersion adjustment and finally by the receptor proximity. The scores for each effect (acute, chronic and cancer) are then summed. The final score is referred to as the total facility score – one for non-carcinogenic effects (acute or chronic, whichever is highest) and one for carcinogenic effects.

Based on the Total Score (TS) a facility is considered a high, intermediate or low priority. The purpose of this evaluation procedure is to ensure that facilities that may present a significant concern are designated as a high priority, and facilities that do not are identified to be a low priority. A high priority facility's TS is equal to or greater than 10. A low priority facility's TS is below 1 (one). If a facility's TS is greater or equal to 1 and less than 10 the facility is classified as intermediate and additional factors may be considered to adjust the TS up or down. An intermediate facility ($1 \leq TS < 10$) is required to submit a Toxic Emissions Inventory Report with quadrennial updates until a District is able to classify it as a low or high priority facility. High priority facilities are in most cases requested to conduct a refined Health Risk Assessment, and depending upon the resulting level of risk, are required to produce a risk reduction plan.

The resulting Prioritization scores for Tahoe Asphalt were **0.27 for non-carcinogenic effects** and **0.13 for carcinogenic effects**. These scores are both less than one and the District considers this facility to be a low priority facility thereby representing the lower end of the spectrum in terms of receptor impact.

Regardless of the Prioritization Score, your odor complaints are being seriously investigated and considered, and as previously stated Tahoe Asphalt is undertaking actions to reduce any nuisance odors in the community. In addition to the facility's action items, the District has conducted regulatory research to confirm that Tahoe Asphalt complies with pertinent regulations. Tahoe Asphalt has been found to be in compliance with state and Federal[1] air standards.

The District respectfully requests your patience during the coming months as Tahoe Asphalt addresses the reduction of asphalt odors via modifications to the existing emissions control equipment. Additionally, Tahoe Asphalt's General Manager Russell Crawford indicated that he would like you to call him directly so that he might meet with you and/or show you the facility and asphalt production operations. He may be contacted at 530-541-0133.

Please contact me at 530-621-7574 if you have any comments or questions.

Respectfully,

Lisa Petersen

Lisa Petersen
Air Quality Engineer

Cc: [redacted]
South Lake Tahoe, CA 96158

[redacted]
South Lake Tahoe, CA 96158

[1] The National Emission Standards for Hazardous Air Pollutants (NESHAP): Asphalt Processing and Asphalt Roofing Manufacturing: Direct Final Rule Amendment applies only to major sources which are those that emit 10 tons a year or more of a single toxic air pollutant, or 25 tons or more of a combination of toxic air pollutants.

County of El Dorado
Air Quality Management District

330 Fair Lane, Placerville Ca 95667
Tel. 530.621.7501 Fax 530.295.2774
www.edcgov.us/AirQualityManagement

Dave Johnston
Air Pollution Control Officer

Russell Crawford, General Manager
Tahoe Asphalt Inc.
PO Box 8378
South Lake Tahoe, CA 96158

July 17, 2013

RE: Asphalt Odors Complaint

Complaints were received July 1st, 3rd, 4th, 5th, 8th, 9th and 12th by the El Dorado County Air Quality Management District (District) regarding asphaltic odors believed to originate from Tahoe Asphalt on Industrial Avenue. The nature of the complaints alleged that odors from the asphalt plant were making the complainants and families sick with respiratory distress, sore throats, eye irritation, and headaches. The complainants alleged that they were often unable to open their windows and that it has been a chronic issue over a period of years.

On July 2nd District staff, Candice Thomas and Rania Serieh visited Tahoe Asphalt which was not operating at the time. On July 8th District staff, Rania Serieh and Lisa Petersen talked with a complainant in front of their home and observed intermittent asphaltic odors. We proceeded to Tahoe Asphalt to investigate the complaint and observe operations. During this visit asphaltic odors were intermittently observed and you explained each process of the operation that produced emissions. We found that you were very cooperative in developing three action items to help reduce the odors. Two of these action items involved an operational set-point change and aggregate selection methodology and were implemented expeditiously. The third action item will involve modification to the plant including design work, planning, scheduling, budgeting and procurement and will therefore take some time to complete. We found during this visit and in subsequent correspondences with Tahoe Asphalt's President Mike Plumer and consultant Jan Schutze, that there was concern about the complaints and we appreciate that Mr. Plumer stated that every opportunity would be taken during the current operational season to move forward on the modification. Mr. Plumer also stated that the bulk of the work to complete the modification would be completed off-season.

In response to these complaints, the District has performed a Prioritization of Tahoe Asphalt (the facility) in accordance with California Code of Regulations, Title 17, Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB2588). Prioritization scores for acute, chronic and cancer effects were calculated using the more comprehensive Dispersion Adjustment Procedure contained in the California Air Pollution Control Officers Association (CAPCOA) Air Toxics "Hot Spots" Program Facility Prioritization Guidelines. During Prioritization the District considered the potency, toxicity, quantity and volume of all hazardous air pollutants emitted from the facility, and the proximity of the facility to potential receptors. The following steps were taken to assure that the worst case scenario was taken into account:

1. Data from the facility's highest throughput year on District record was increased by 8.5% prior to being used in the Prioritization.
2. Even though the facility files showed that the aggregate throughput was historically 70-80% of the asphalt throughput, the higher asphalt throughput was used to determine aggregate emissions.
3. In calculating the aggregate emissions, *uncontrolled* emission factors were used even though the facility has a baghouse and uses water on aggregate processing operations each of which qualifies as *emissions controls* for aggregate processing.
4. EPA AP-42 Emission Factors were used to determine asphalt and aggregate HAP and Criteria emissions. These emission factors are very conservative and therefore, generally over-estimated.
5. Emissions from all permitted point and fugitive sources at the facility were summed for each pollutant and subsequently used in the Prioritization calculation for each substance.

A Prioritization score was determined by multiplying a substance's emissions by the potency, then by the dispersion adjustment and finally by the receptor proximity. The scores for each effect (acute, chronic and cancer) were then summed.

The final score is referred to as the total facility score – one for non-carcinogenic effects (acute or chronic, whichever is highest) and one for carcinogenic effects. Based on the Total Score (TS) a facility is considered a high, intermediate or low priority. The purpose of this evaluation procedure is to ensure that facilities that may present a significant concern are designated as a high priority, and facilities that do not are identified to be a low priority. A high priority facility's TS is equal to or greater than 10. A low priority facility's TS is below 1 (one). If a facility's TS is greater than or equal to 1 and less than 10 the facility is classified as intermediate and additional factors may be considered to adjust the TS up or down. An intermediate facility ($1 \leq TS < 10$) is required to submit a Toxic Emissions Inventory Report with quadrennial updates until a District is able to classify it as a low or high priority facility. High priority facilities are in most cases requested to conduct a refined Health Risk Assessment, and depending upon the resulting level of risk, are required to produce a risk reduction plan.

The resulting Prioritization scores for Tahoe Asphalt were **0.27 for non-carcinogenic effects** and **0.13 for carcinogenic effects**. These scores are both less than one and the District considers this facility to be a low priority facility thereby representing the lower end of the spectrum in terms of receptor impact.

Regardless of the Prioritization Score, the odor complaints are being seriously investigated and considered, and as previously stated Tahoe Asphalt is undertaking actions to reduce any nuisance odors in the community. In addition to the facility's action items, the District has conducted regulatory research to confirm that Tahoe Asphalt complies with pertinent regulations. Tahoe Asphalt has been found to be in compliance with state and Federal[1] air standards.

The District has respectfully requested the complainants' patience during the coming months as Tahoe Asphalt addresses the reduction of asphalt odors via modifications to the existing emissions control equipment. Additionally, as you suggested during our July 8th visit, we have given your contact information to the complainants and suggested that they call you directly so that you may meet with them and/or show them the facility and asphalt production operations.

Please contact me at 530-621-7574 if you have any comments or questions.

Respectfully,

Lisa Petersen

Lisa Petersen
Air Quality Engineer

Cc: Complainants

[1] The National Emission Standards for Hazardous Air Pollutants (NESHAP): Asphalt Processing and Asphalt Roofing Manufacturing: Direct Final Rule Amendment applies only to major sources which are those that emit 10 tons a year or more of a single toxic air pollutant, or 25 tons or more of a combination of toxic air pollutants.

STAPLES copy&printcenter

Complimentary Self-Serve Fax Cover Sheet

To: Rania Serieh

Fax #: 530-295-2724

Date: 7-9-13

Number of Pages (Including Cover): 5

From: [redacted]

Phone #: [redacted]

Reply Fax #:

Urgent ☒ Confidential ☐ Confirm Receipt ☐

We'll do it right the first time — guaranteed.

Black & white copies • Color copies • Custom printing • Binding • Folding • Wide-format copying • Custom stamps • UPS shipping and more

that was easy.

5/06bizsv_009815

ASPHALT PLANT POLLUTION

Asphalt plants mix gravel and sand with crude oil derivatives to make the asphalt used to pave roads, highways, and parking lots across the U.S. These plants release millions of pounds of chemicals to the air during production each year, including many cancer-causing toxic air pollutants such as arsenic, benzene, formaldehyde, and cadmium. Other toxic chemicals are released into the air as the asphalt is loaded into trucks and hauled from the plant site, including volatile organic compounds, polycyclic aromatic hydrocarbons (PAHs), and very fine condensed particulates.[EPA]

■ **Asphalt Fumes are Known Toxins.** The federal Environmental Protection Agency (EPA) states "Asphalt processing and asphalt roofing manufacturing facilities are major sources of hazardous air pollutants such as formaldehyde, hexane, phenol, polycyclic organic matter, and toluene. Exposure to these air toxics may cause cancer, central nervous system problems, liver damage, respiratory problems and skin irritation." [EPA]. According to one health agency, asphalt fumes contain substances known to cause cancer, can cause coughing, wheezing or shortness of breath, severe irritation of the skin, headaches, dizziness, and nausea. [NJDHSS] Animal studies show PAHs affect reproduction, cause birth defects and are harmful to the immune system. [NJDHSS] The US Department of Health and Human Services has determined that PAHs may be carcinogenic to humans. [DHHS]

■ **Health Impacts & Loss of Property Value.** The Blue Ridge Environmental Defense League (BREDL), a regional environmental organization, has done two studies on the adverse impacts on property values and health for residents living near asphalt plants. A property value study documented losses of up to 56% because of the presence of a nearby asphalt plant. In another study, nearly half of the residents reported negative impacts on their health from a new asphalt plant. The door-to-door health survey found 45% of residents living within a half mile of the plant reported a deterioration of their health, which began after the plant opened. The most frequent health problems cited were high blood pressure (18% of people surveyed), sinus problems (18%), headaches (14%), and shortness of breath (9%). [BREDL]

■ **Flawed Tests Underestimate Health Risks.** In addition to smokestack emissions, large amounts of harmful "fugitive emissions" are released as the asphalt is moved around in trucks and conveyor belts, and is stored in stockpiles. A small asphalt plant producing 100 thousand tons of asphalt a year may release up to 50 tons of toxic fugitive emissions into the air. [Dr. R. Nadkarni] Stagnant air and local weather patterns often increase the level of exposure to local communities. In fact, most asphalt plants are not even tested for toxic emissions. The amounts of these pollutants that are released from a facility are estimated by computers and mathematical formulas rather than by actual stack testing, estimates that experts agree do not accurately predict the amount of toxic fugitive emissions released and the risks they pose. According to Dr. Luanne Williams, a North Carolina state toxicologist, 40% of the toxins from asphalt plant smokestacks even meet air quality standards—and for the other 60% of these emissions, the state lacks sufficient data to determine safe levels.

BE SAFE: Take Precautionary Action to Protect Our Communities from Asphalt Plant Air Pollution

BE SAFE's FOUR PRINCIPLES

1. HEED EARLY WARNING SIGNS

There is documented evidence from health experts and federal and state regulators of the serious health effects of asphalt plant emissions. We must heed these early warning signs and take action to prevent communities from further exposure to cancer-causing substances released by asphalt plants. The following actions are needed:

Moratoriums on asphalt plant construction and operation in communities where people live and go to school;

Stricter testing and enforcement of air quality standards at asphalt plants; and

Improved air standards that address all toxic contaminants—including fugitive emissions.

2. PUT SAFETY FIRST

Even if an asphalt plant meets all state and federal air pollution standards, people living nearby are still exposed to cancer-causing substances that can cause long-term damage. These standards are based on the principle of "acceptable risk", and assume each state will enforce the standards, the plants will operate perfectly, and the owners can be trusted to operate on an honor system where they are expected to follow all the laws and regulations that apply to their facility without any government oversight. In the majority of cases, it is unknown whether the 'theoretical' air emissions predicted by computer models and used by plant owners accurately reflect air emissions from a plant's daily operations. We must put safety first and shut down or overhaul the current system that fails to protect communities from the daily health hazards of asphalt plant pollution.

3. EXERCISE DEMOCRACY

Federal regulations based on the "acceptable risk" model and self-regulating honor systems are inadequate to protect public health. Many states rely on inadequate federal standards that do not take into account local factors such as how close an industrial facility is to homes and schools, local weather patterns, and additional 'nuisance' factors such as the effect acrid and nauseating smells have on the quality of life in these communities.

Organizations are working to improve federal and state standards and add asphalt plant fumes to the hazardous air pollutant (HAP) list under the federal Clean Air Act. Communities can take advantage of any state laws aimed at protecting local values that allow counties to determine where new industrial facilities will be located. These communities can band together to work with their county governments to prevent new asphalt plants from being located in their neighborhoods and prevent existing plants from renewing their permits until further evaluation of public health risks are conducted.

BE SAFE is coordinated by the Center for Health, Environment & Justice. To sign the platform or for more information, contact us at CHEJ, P.O. Box 6806, Falls Church, VA 22040, 703-237-2249, or 518-732-4538, or visit **www.besafenet.com**

4. CHOOSE THE SAFEST SOLUTIONS

Communities faced with an asphalt plant proposal should push for setbacks from residences and community buildings, site specific health-based air pollution modeling and monitoring, enclosures for loading zones, and preferably a zero emissions asphalt plant, with total containment of air pollutants.

- **Investigate Pollution in Your Area.**
  To find out more about asphalt plant pollution in your area, go to **www.scorecard.org**

- **Join the Clean Air Campaign.**
  Support the campaign on asphalt plant pollution. To find out more, contact the Blue Ridge Environmental Defense League at **www.bredl.org.**

- **BE SAFE.**
  Take precautionary action to prevent asphalt plant pollution. Sign on to the BE SAFE Platform on the next page. Be counted when we deliver this national Platform to the White House in 2005. Endorse the BE SAFE Platform today at **www.besafenet.com.**

- **Your Vote Counts.**
  The next election will set the country's course on asphalt plant regulations. For information on environmental voting records, contact **www.sierraclub.org** and **www.lcv.org.** To register to vote, contact **www.earthday.net**

Clean Air Campaign Halts Asphalt Pollution & Improves Air Policies

"Nothing could have prepared us for the horrors of that plant; we cannot be outside when it operates, we are prisoners."
Jerry Starr, Macon County, NC

Blue Ridge Environmental Defense League (BREDL) has been leading a Clean Air Campaign to reduce toxic pollution from asphalt plants in North Carolina. In partnership with many community groups, BREDL defeated numerous asphalt plant proposals, spearheaded a trend of countywide moratoriums on asphalt plant construction and operation, and mounted plant permit challenges. The campaigns included radio ads, posted yard signs, newspaper display ads, and stories in local newspapers.

BREDL and the Clean Air Campaign have succeeded in reducing asphalt pollution and improving air quality policies. North Carolina and Tennessee signed an agreement to protect air quality in the Great Smoky Mountain National Park and other wilderness areas. North Carolina has improved methods to analyze fugitive toxic air emissions and expanded the Toxic Air Pollutant program to include all operating and proposed asphalt plants.

References:

US EPA Office of Air Quality Planning & Standards, AP-42, Fifth Edition, Volume I, Chapter 11: Mineral Products Industry. [EPA] **http://www.epa.gov/ttn/chief/ap42/ch11/final/c11s01.pdf.** *Final Rule to Reduce Toxic Air Emissions From Asphalt Processing & Asphalt Roofing Manufacturing Facilities.* Environmental Protection Agency, June 2000 [EPA]. *Hazardous Substance Fact Sheet, Asphalt Fumes.* New Jersey Department of Health and Senior Services, January 2001 [NJDHSS]. Agency for Toxic Substances and Disease Registry (ATSDR). 1995. *Toxicological Profile for Polycyclic Aromatic Hydrocarbons (PAHs).* Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service[DHHS]. Blue Ridge Environmental Defense League Asphalt Health Survey, [BREDL]. Dr. R. Nadkarni developed mass balance equation to estimate total fugitive emissions and his comments to Virginia Dept. of Environmental Quality are at **www.bredl.org/pdf/DEQ072503.pdf.** [Dr. R. Nadkarni].

Primary Contributor: Lou Zeller, Blue Ridge Environmental Defense League.

07/09/2013 13:48 #5728 P.004/005

BE SAFE Platform

In the 21st century, we envision a world in which our food, water and air are clean, and our children grow up healthy and thrive. Everyone needs a protected, safe community and workplace, and natural environment to enjoy. We can make this world vision a reality. The tools we bring to this work are prevention, safety, responsibility and democracy.

Our goal is to prevent pollution and environmental destruction before it happens. We support this precautionary approach because it is preventive medicine for our environment and health. It makes sense to:

- *Prevent pollution and make polluters, not taxpayers, pay and assume responsibility for the damage they cause;*
- *Protect our children from chemical and radioactive exposures to avoid illness and suffering;*
- *Promote use of safe, renewable, non-toxic technologies;*
- *Provide a natural environment we can all enjoy with clean air, swimmable, fishable water and stewardship for our national forests.*

We choose a "better safe than sorry" approach motivated by caution and prevention.
We endorse the common-sense approach outlined in the BE SAFE's four principles listed below.

Platform Principles

HEED EARLY WARNINGS

Government and industry have a duty to prevent harm, when there is credible evidence that harm is occurring or is likely to occur—even when the exact nature and full magnitude of harm is not yet proven.

PUT SAFETY FIRST

Industry and government have a responsibility to thoroughly study the potential for harm from a new chemical or technology before it is used—rather than assume it is harmless until proven otherwise. We need to ensure it is safe now, or we will be sorry later. Research on impacts to workers and the public needs to be confirmed by independent third parties.

EXERCISE DEMOCRACY

Precautionary decisions place the highest priority on protecting health and the environment, and help develop cleaner technologies and industries with effective safeguards and enforcement. Government and industry decisions should be based on meaningful citizen input and mutual respect (the golden rule), with the highest regard for those whose health may be affected and for our irreplaceable natural resources—not for those with financial interests. Uncompromised science should inform public policy.

CHOOSE THE SAFEST SOLUTION

Decision-making by government, industry and individuals must include an evaluation of alternatives, and the choice of the safest, technically feasible solutions. We support innovation and promotion of technologies and solutions that create a healthy environment and economy, and protect our natural resources.

Take precautionary action to prevent asphalt plant pollution.
Sign onto the BE SAFE Platform.
Be counted when we deliver this national platform to the White House in 2005.
Endorse the platform today at **www.besafenet.com**

BE SAFE is coordinated by the Center for Health, Environment & Justice. To sign the platform or

complaints

russ crawford <tarbabe@sbcglobal.net> Wed, Jul 10, 2013 at 10:38 AM
Reply-To: russ crawford <tarbabe@sbcglobal.net>
To: "rania.serieh@edcgov.us" <rania.serieh@edcgov.us>

Did you know that Granite Construction is working on US 50 from the airport to the South Y. They could be the offending parties. They work Sunday night through Thursday night. They are almost the same distance from Julie as we are. The USA gas station next to Berts Cafe had a huge plume of leaked fuel that may have migrated out across US 50. This project co-insides with your complaints more than us.
Thank You for your time. R C

El Dorado County Air Pollution Control District
2850 Fairlane Court
Placerville, CA 95667

(530) 621-6662
FAX (530) 642-1531

NOTICE TO COMPLY

No. 1663

Name: Tahoe Asphalt, INC.
Mailing Address: 1104 Industrial Avenue, SLT,
Location: Same as above.
Telephone: (530) 541-0135

YOU ARE HEREBY NOTIFIED TO CORRECT THE FOLLOWING MINOR VIOLATIONS:

Description of violation & action to correct:

H&SC:

District Rule: 205, nuisance + opacity Rule 202

Permit #: 08-167

Condition#: 8

* Re-evaluate the temperature of the heated oil to control emission that is causing odor and nuisance.
* Conduct further evaluation of emission and fugitive emission coming out during the loading process of the final products and causing nuisance.
* Submit to the AQMD the optimum operating temperature of heated oil that would assure controlling the nuisance to the most/highest possible extent. * Submit to the AQMD any control measures of emission will be applied to be approved by AQMD.

The above violation(s) must be corrected no later than: temperature - ASAP, Nov-2013.

Recipient's name: Richard Russell
(Print) Last Name First Name

Title: GM.

Recipient's Signature: [signature]

(Signing only indicates receipt of this Notice and is not an admission of guilt.)

Issued by: Rania Serieh

Date: 7/8/2013

THIS SECTION SHALL BE COMPLETED BY RECIPIENT:

Instructions: You are required to complete this section, sign below, and return the pink copy of this Notice to Comply within five (5) working days of achieving compliance. Also include a written statement describing when and how compliance was achieved. Failure to respond, failure to correct listed violations or a false statement that compliance has been achieved is a violation and may be subject to further legal action pursuant to the California Health and Safety Code, Section 42400 et seq.

Your facility may be subject to re-inspection at any time. If you disagree with one or more of the alleged violations cited in this Notice, you may submit written notice of appeal to the District within five working days of issuance of this Notice.

All deficiencies listed above were corrected as of: _____ (date)

I, the undersigned, hereby certify that the violation(s) identified above have been corrected on the date indicated.

Responsible Official: _____ Title: _____
(Print) Last Name First Name

Signature: _____ Date: _____

White Copy = District / Yellow Copy = Recipient / Pink = Return

El Dorado County Air Quality Management District

COMPLAINT/INVESTIGATION REPORT

COMPLAINT NUMBER: C00026126

COMPLAINT AGAINST/ACTION REQUESTED	ADDRESS/LOCATION/CROSS STREETS	PHONE NO.
Tahoe Asphalt, InC.	1104 Indust. Avenue	(530) 541-0133
[redacted] forwarded Complaint from EPA ☐ Confidential ☐ Anon ☐ ARB ☐ Fire Agency ☐ Dispatch	ADDRESS/CITY/ZIP [redacted] SLT	PHONE NO. (530) [redacted]

NATURE OF COMPLAINT/REQUEST (check all that apply and note circumstances, including a description of odors/emissions, property damage, health problems, etc.)

Burning:	Nuisance:	Occurrence:	Duration:	Health Effects:
☐ Residential ☐ Land Development ☐ Agricultural ☐ Illegal Material ☐ Burn Barrel ☐ Fireplace ☐ Other:	☐ Dust ☐ Sta. Source ☒ Odor ☐ Construction ☐ Paint/Vapors ☐ Other:	☒ On-going ☐ Chronic ☐ Previous ☐ Occasional ☐ Other:	____ minutes ____ hours X days	☒ Respiratory Distress ☒ Sore Throat ☒ Eye Irritation ☐ Other:

Complaint Description: Strong smell/odor coming from Tahoe Asphalt that makes the complainant and his family very sick.

☐ Continued on Continuation Form

SHERIFF ESCORT	METEOROLOGY	RECEIVED BY: Levi Ford.
☐ N/A ☐ Drug Related ☐ Dangerous Dogs ☐ Ongoing Dispute with Violence ☐ Other:	☒ Clear ☐ Cloudy ☐ Rain Wind: 0 1 2 3 4 5 > 5 MPH Temperature: _____ °F / °C N W E S	DATE 7/11/13 TIME 2:00 pm

RESULTS OF INVESTIGATION

EMISSION SOURCES AND PERSONS CONTACTED	ADDRESS/CITY/ZIP	DATE / TIME
U.S.A.-EPA — Matt Salazar	EPA — Air Enforcement Manager	DATE 7/12 & 7/13 TIME 9:00 am and 10:00 am

NATURE & SOURCE OF EMISSIONS	RULE VIOLATION(S)	PHONE NUMBER
☒ One-Time ☐ Recurring	☐ Burning (300) ☐ Fugitive Dust (223) ☐ Automotive Paint (230) ☒ Nuisance (205) ☐ Unpermitted Equipment (501) ☐	(415) 3983

FINDINGS
☒ Field Investigation (If no field investigation, cite reason below) ☐ Phone Only ☒ Photographs ☒ Visible Emissions Evaluation
☐ Persons/Witnesses Interviewed (list) ☐ Source Previously Cited ☐ Video

(note meteorological conditions, emission source descriptions, operating parameters, violations observed, etc.)

This complaint was forwarded from EPA Air compliance manager - Matt Salazar. Candice Thomas and my self investigated the site on 7/12/2013 - There was no operations at the time of inspection - 12:00 - 3:00pm - All the items that are listed under NTC # 3012 - that was issued on 7/2 0/12 - were corrected. No odor - opacity - dust was observed. I observed some opacity from the bag house stack - but since there was no operation - I informed Russell Crawford, manager, about my concern complaint, any my concerns about the loading area. Mr. Crawford stated that he is aware of loading are issues and they're planning to work on it.

☒ Continued on Continuation Form

ACTION/DISPOSITION
☐ NOV Issued # _____ ☐ NOV Penalty Recommended ☐ Notice to Comply # _____ ☐ Allegation Letter ☐ Compliance Information Given
☐ Forwarded to another agency (CDF, Env. Health, OSHA, ARB, U.S. EPA, Code Enf., etc.): _____ Date _____
☐ Other: _____

AQMD INVESTIGATOR(S)	COMPLETION DATE
Rania Serieh - Candice Thomas - Lisa Petersen -	7/8/13
COMPLAINANT NOTIFIED BY: Rania Serieh - ☐ By Phone ☐ By Mail	NOTIFICATION DATE: 7/4/13 - 07/08/13
DISPOSITION REVIEWED BY	REVIEW DATE

Complaint # 26126

EL DORADO COUNTY AIR POLLUTION CONTROL DISTRICT
COMMENT(S) / RECOMMENDATION FORM (CONTINUATION)

FACILITY NAME Tahoe Asplat FACILITY ID# _____ DATE / /

On July 3, 2013, I called back Matt Salazar, and he informed about the complaint and gave me the complainant name, address, and phone #. I called [redacted] the complaint, the same day and informed him of our findings and that we'll keep following up on this complaint. On July 4, 2013, July 5, 2013 - [redacted] called. And we received other complaints as well. PS. July 4 - [redacted] left a voice message since it was a holiday - On July 8, 2013 - [redacted] called in the morning and asked for immediate investigation. Lisa Petersen and my self investigated the complaint. We arrived at the site around 11:00 am, we were not able to observe any odor or opacity. Then we went to talk to the complainant - Once we drove on Julie Ln, we observed a strong odor coming from what we thought the Tahoe Asphalt. Around 11:15 we visited the site - they were loading - manufacturing asphalt - and in operation - After detailed investigation and discussing with Ross Crawford, and observation. I issued NTC # 1663 - See attach.

District Inspector's Signature: Rania Serier

I have read and received the inspection report and understand the finding(s) of the District Inspector.

Signature: _____

Printed Name: _____

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

March 27, 2013

Mr. Steve McKinney

El Dorado County

Air Pollution Control

2850 Fairlane Court

Placerville, CA 95667

RECEIVED
MAR 29 2013
AQMD

Subject: Aggregate and Asphalt Plant Records

Dear Steve:

Aggregate plant production for 2013

Month	Aggregate Production	Asphalt Production
May	10,000tons	3486 tons
June	3391 tons	17,453 tons
July	6285 tons	9242 tons
August	4353 tons	6218 tons
September	2444 tons	4073 tons
October	2609 tons	3727 tons
Yearly Totals	31677 tons	41432 tons

Thanks Steve,

Sincerely,

Russ Crawford

General Manager

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

November 6, 2012

Steve McKinney

EDC

APC

Dear Steve,

NOV 2012
AQMD

Following are our reporting numbers for the 2011 season.

John Deere diesel permit # 15-1123

Total hours used,76 gallons of fuel burned 68 at a rate of .952 gallons per hour.

Russell Crawford

General Manager

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

November 6, 2012

Steve McKinney

EDC

APC

Dear Steve,

Following are our reporting numbers for the 2012 season.

Month	HMA	Aggregate Plant
May	3486tons	2196tons
June	13977tons	10622tons
July	9242tons	5638tons
August	6218tons	3730tons
September	4073tons	3095tons
October	4309tons	4000tons
Yearly Total	41432tons	29281tons

Russell Crawford

General Manager

EL DORADO COUNTY AIR POLLUTION CONTROL DISTRICT
GENERIC EQUIPMENT INSPECTION FORM

FACILITY NAME Tahoe Asphalt **P/O#** 08-167 **DATE** 7 ,20 ,12

TYPE OF EQUIPMENT: Asphalt Plant

1. Was the system and or equipment modified in the last 12 months?(5O1.3 E) [ ] YES [X] NO
   If yes, explain under COMMENTS.

   Was the District notified (If no, explain under COMMENTS)? [ ] NA [ ] YES [ ] NO
2. Is equipment in good operating condition (If no, explain under COMMENTS)? [ ] YES [ ] NO
3. Was there an upset or breakdown involving permitted equipment in the last 12 months? [ ] YES [X] NO

   If yes, when? _____ Was the District notified (If no, explain under COMMENTS)? [ ] YES [ ] NO
4. Any leaks (If yes, explain under COMMENTS)? [ ] YES [ ] NO
5. Maintenance records meets permit condition(s) [If no, explain under COMMENTS]? [ ] YES [ ] NO
6. Daily log meets permit condition(s) [If no, explain under COMMENTS]? ~~See report from Daily Calendar with weekly and monthly totals~~ See below [X] YES [ ] NO
7. Visible Emission Evaluation Test (VEE) conducted (If no, explain under COMMENTS)? [ ] NA [ ] YES [ ] NO
   VEE passed (If no, explain under COMMENTS)? [ ] NA [ ] YES [ ] NO
8. Permit to Operate posted on the premise so as to be clearly visible and available? [X] YES [ ] NO
9. Operating staff advised and familiar with all conditions in this permit? [X] YES [ ] NO
   If no, explain under COMMENTS.
10. Operation hours were within permit limit(s) [If no, explain under COMMENTS]? [ ] NA [X] YES [ ] NO
11. Was the collection system in operation during the operating time of those devices controlled (If no, explain under COMMENTS)? [ ] NA [X] YES [ ] NO
12. Complies with all other permit conditions (If no, explain under COMMENTS)? TBD [ ] YES [ ] NO
13. Was a notice issued? [ ] YES [X] NO

    If yes, type of notice: Conduct further evaluation of emissions from the hot asphalt and review the temperature the oil is heated to.

14. Comments/Recommendation(s):

Maintains a baghouse filter replacement log. and YTD #6 Daily calendar with weekly ~~and~~, monthly^ totals.

District Inspector's Signature: Molly J. Johnson

I have read and received the inspection report and understand the finding(s) of the District Inspector.

Signature: R. Crawford

Printed Name: R. CRAWFORD

City of South Lake Tahoe
Engineering Department

CORRECTION NOTICE

Inspections performed on **September 11 and 14, 2012** for **street cleaning** activities **by Tahoe Asphalt** at **Industrial Ave.** revealed violations of South Lake Tahoe City Code (SLTCC) – Chapter 35 Storm Water Drainage and Chapter 36 Grading, Erosion, and Sediment Control (see back for details). As items are completed you should notify the Engineering Division at (530) 542-6038 (Robert Erlich) or 542-6033 (Sarah Hussong-Johnson) to schedule follow-up inspections.

If items listed below are not brought into conformance by the time frame given, further enforcement actions may follow.

1. Current practices by Tahoe Asphalt results in discharge of sediment and debris into the City ROW. Tahoe Asphalt then sweeps and washes portions of Industrial Avenue resulting in discharge of sediment and other pollutants into the City' stormwater drainage system. Tahoe Asphalt shall clean accumulated sediment from drain inlets, conveyance pipes, and basins below discharge points in advance of a precipitation event and no later than **October 1, 2012.**
2. Tahoe Asphalt shall **immediately** cease discharge of sediment and debris into the City's stormwater drainage system, including drain inlets, conveyance pipes, and basins, until submittal and approval of an interim plan to address prohibited discharges.
3. Tahoe Asphalt shall provide a written plan for eliminating prohibited discharge in the 2013 construction year. Plan shall include tiers of BMPs to be triggered if initial efforts are not adequate to prevent prohibited discharge. Plan shall be submitted for City review and acceptance **by April 15, 2013.**

Property Owner/Tenant (circle one) Printed Name **Signature** **Date**

Robert Erlich 9/24/2012

Inspector **Date**

CORRECTIONS ACCEPTED _____ _____

Inspector **Date**

CITY OF SOUTH LAKE TAHOE, CA.
Engineering Department
1052 Tata Lane. – So. Lake Tahoe, Ca. 96150 – 6323

J:\DATA-M-Q\NPDES\SWMPs 2011 permit components\2. Commercial-Industrial-Municipal-Residential\2d. CIM Enforcement\Correction notice-TahoeAsphalt2012.doc

Excerpts from South Lake Tahoe City Code (SLTCC)

SLTCC – Chapter 35 *"No person shall ... cause any prohibited discharge... 'Prohibited discharge' means any discharge which contains any pollutant from public or private property to (1) the storm water drainage system... 'Pollutant' means any pollutant ... including, but not limited to: used oil and fluids from vehicles...; petroleum and related hydrocarbons...; waste materials ...generated on construction sites and by construction activities...; sediment and particulate materials, in quantities that will interfere with or adversely affect the beneficial uses of the receiving waters.*

Chapter §36-10- *"Conditions applicable to all grading. All grading, even if a city permit is not required, must comply with design standards in Article VII"* §36-58 *"Sediment and other construction-related wastes shall be retained and properly managed on the site or properly disposed of off-site. ...The permittee shall ensure that vehicles do not track or spill earth materials into public streets and shall immediately remove such materials if this occurs. The site shall be cleaned and the road right-of-way swept clean as required by the city." Per SLTCC §35-2.D "A civil or administrative violation shall occur irrespective of the negligence or intent of the violator ... to cause, allow or facilitate any prohibited discharge."*

California Emergency Management Agency
Hazardous Materials Spill Report

DATE: 09/24/2012 TIME: 1017	RECEIVED BY: Cal EMA - Kavin Godwin OSPR -	CONTROL#: Cal EMA - 12-5736 NRC - 1025402

1.a. PERSON NOTIFYING Cal EMA:

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:
XXX	NRC	800-424-8802		

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:
Anonymous	XXXX	111-111-1111		

2. SUBSTANCE TYPE:

2. a. SUBSTANCE:	b.QTY: >=<	Amount	Measure	c. TYPE:	d. OTHER:	e. PIPELINE	f. VESSEL >= 300 Tons
1. Burning Tire Smell	=	Unknown	Unknown	VAPOR		○ Yes ● No	○ Yes ● No
2.	=					○ Yes ● No	○ Yes ● No
3.	=					○ Yes ● No	○ Yes ● No

g. DESCRIPTION: Per NRC Fax: Caller is reporting a strong smell of burning tires that is coming from the facility into the community. Caller is concerned that this is creating a health hazard for himself as well as the community.

h. CONTAINED:	i. WATER INVOLVED:	j. WATERWAY:	k. DRINKING WATER IMPACTED
Unknown	No		

l. KNOWN IMPACT Unknown

3. a. INCIDENT LOCATION: 1104 Industrial Ave

b. CITY:	c. COUNTY:	d. ZIP:
South Lake Tahoe	El Dorado County	

4. INCIDENT DESCRIPTION:

a. DATE:	b. TIME (Military):	c. SITE:	d. CAUSE
09/24/2012	1000	Merchant/Business	Unknown
e. INJURIES	f. FATALITY	g. EVACUATION	h. CLEANUP BY:
○ Yes ● No	○ Yes ● No	○ Yes ● No	Unknown

5. SUSPECTED RESPONSIBLE PARTY:

a. NAME:	b. AGENCY:	c. PHONE#:	d. EXT.:
	Tahoe Asphalt Inc	530-541-0133	

e. MAIL ADDRESS:	f. CITY:	g. STATE:	h. ZIP:
1104 Industrial Ave	South Lake Tahoe	CA	

6. NOTIFICATION INFORMATION:

a. ON SCENE:	b. OTHER ON SCENE:	c. OTHER NOTIFIED:
		NRC

d. ADMIN. AGENCY: El Dorado County Environmental Management

e. SEC. AGENCY:

f. ADDITIONAL COUNTY:

g. ADMIN. AGENCY:

h. NOTIFICATION LIST:

DOG Unit: **RWQCB Unit:** 6A

☒ AA/CUPA	☒ AIR RESOURCES BD	☐ DPR	☐ Cal EMA HAZMATUNIT	☐ SFM	☒ Co/E-Hlth
☒ DFG-OSPR	☐ CALTRANS	☐ EB PARKS	☐ Cal EMA PLANS UNIT	☐ UCSB	☐ OTHER
☒ DTSC	☐ CALFIRE	☐ EMSA	☐ Cal EMA REG	☐ USMMS	☐ DFG/OSPR/MEU
☒ RWQCB	☐ COASTAL COM	☐ FEMA	☐ OSHA	☐ USCG	
☒ US EPA	☐ CDPH-D.O.	☐ FOOD & AG	☐ PARKS & REC	☐ Co/WP	
☒ USFWS	☐ DOG	☐ LANDS	☐ PUC	☒ Co/Hlth	

CONFIDENTIAL REMARKS :	

Warning.center@ops.calema.ca.gov; ByrdM@sbcapcd.org; R9_RRC@EPA.GOV; gvlasek@arb.ca.gov; DTSC.ER@gmail.com

AEMiller@waterboards.ca.gov; CCurtis@waterboards.ca.gov; fw8cemaspillrpt@fws.gov; LKemper@waterboards.ca.gov;

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

November 30, 2011

Steve McKinney

EDC

APC

Dear Steve,

Following are our reporting numbers for the 2011 season.

Month	HMA	Aggregate Plant
May	528tons	1001tons
June	3003tons	1471tons
July	4326tons	3028tons
August	3665tons	2566tons
September	3417tons	2392tons
October	11990tons	8393tons
Yearly Total	26929tons	18851tons

Russell Crawford

General Manager

RECEIVED
DEC 05 2011
AQMD

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

November 5, 2010

Mr. Steve McKinney
El Dorado County
Air Pollution Control
2850 Fairlane Court
Placerville, CA 95667

Subject: Aggragate and Asphalt Plant Records

Dear Steve:

Aggragate plant production for 2010

Month	Aggragate Production	Asphalt Production
May	2768 tons	236 tons
June	2627 tons	4378 tons
July	3407 tons	5679 tons
August	2828 tons	4713 tons
September	2126 tons	3544 tons
October	2700 tons	4100 tons
Yearly Totals	16456 tons	22650 tons

Thanks Steve,

Sincerely,

Russ Crawford
General Manager

RECEIVED
NOV 0 2010
AQMD

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

16 November 2009

Mr. Steve McKinney
El Dorado County
Air Pollution Control
2850 Fairlane Court
Placerville, CA 95667

Subject: Aggregate Plant Records 2009

Dear Steve:

Here follows our aggregate plant production records for the 2009 season:

May	503 tons
June	2160 tons
July	500 tons
August	1200 tons
September	2300 tons
October	1500 tons

Asphalt production records for the 2009 season:

May	677 tons
June	7202 tons
July	1695 tons
August	3600 tons
September	7229 tons
October	4000 tons
Total Yearly Asphalt tonnage:	26,200 tons

Thanks, Steve.

Sincerely,

Russell Crawford
General Manager

RECEIVED
NOV 18 2009
AQMD

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

Mr. Steve McKinney
El Dorado County
Air Quality

RE; Asphalt and screen plant production numbers for 2008 season.

Month	Asphalt	Screen Plant
May	296	0
June	1786	1096
July	2375	1464
August	2652	1607
September	7420	4492
October	11016	6579
Yearly total	25545	15238

Quarterly totals for screen plant

1st	0
2nd	2082
3rd	12447
4th	6579

Thank you and please call if you need anything more

Russell Crawford

General Manager
Tahoe Asphalt

RECEIVED
DEC 3 2008
AQMD

TAHOE ASPHALT

ASPHALT PRODUCTION RECORDS PER MONTH

YEAR	TOTAL	MAY	JUNE	JULY	AUG	SEPT	OCT
1986	**45976**	3912	6544	10230	5584	10171	9535
1988	**25588**	3397		7146	7146	1562	6337
1989	**24379**	1013	10800	1826	2756	5867	2117
1990	**24384**	901	5111	5673	5978	2595	4126
1991	**30270**	1850	7167	9452	3944	2430	5427
1992	**34735**	1139	7514	7973	6742	6130	5237
1993	**36236**	1107	6975	7734	5852	7605	6963
1994	**36594**	845	6638	8480	4242	5889	10500
1995	**34634**	1765	9033	5380	4275	3760	10421
1996	**44386**	4000	3200	10700	5010	7696	13780
1997	**37602**	1190	5284	6478	11917	8233	4500
1998	**42743**	0	12389	5100	4500	9685	11069
1999	**31371**	2000	2721	9000	3500	7350	6800
2000	**39985**	915	6746	8786	5465	9974	8099
2001	**36680**	1719	2439	9491	8327	6511	8193
2002	**34328**	1400	5448	5541	8736	7463	5740
2003	**35327**	455	4114	5124	1931	12462	11241
2004	**25011**	459	4814	3234	7290	5828	3386
2005	**31816**	1045	5079	2868	4226	8236	10362

2006	**37458**	1507	4221	6784	10896	6963	7087
2007	**23291**	1059	3392	3564	6786	3911	4579
2008	25549	250	1786	2375	2652	7470	11016
2009	0						
2010	0						
2011	0						
2012	0						

Yearly Averages

Year	Total	May	June	July	Aug	Sept	Oct
86/88 Ave	***35782***	***3654.5***	***6544***	***8688***	***6365***	***5866.5***	***7936***
86/89 Ave	***31981***	***2774***	***8672***	***6400.67***	***5162***	***5866.67***	***5996.33***
86/90 Ave	***30081.75***	***2305.75***	***7485***	***6218.75***	***5366***	***5048.75***	***5528.75***
86/91 Ave	***30119.4***	***2214.6***	***7405.5***	***6865.4***	***5081.6***	***4525***	***5508.4***
86/92 Ave	***30888.67***	***2035.33***	***7427.2***	***7050***	***5358.33***	***4792.5***	***5463.17***
86-93 Ave	***31652.57***	***1902.71***	***7351.83***	***7147.71***	***5428.86***	***5194.29***	***5677.43***
86-94 Ave	***32270.25***	***1770.5***	***7249.86***	***7314.25***	***5280.5***	***5281.125***	***6280.25***
86-95 Ave	***32532.89***	***1769.89***	***7472.75***	***7099.33***	***5168.78***	***5112.11***	***6740.33***
86-96 Ave	***33718.2***	***1992.9***	***6998***	***7459.4***	***5152.9***	***5370.5***	***7444.3***
86-97 Ave	***34071.27***	***1919.91***	***6826.6***	***7370.18***	***5767.82***	***5630.73***	***7176.64***
86-98 Ave	***34793.92***	***1759.92***	***7332.27***	***7181***	***5662.17***	***5968.58***	***7501***
86-99 Ave	***34530.62***	***1778.38***	***6948***	***7320.92***	***5495.85***	***6074.85***	***7447.08***
86-00 Ave	***34920.21***	***1716.71***	***6932.46***	***7425.57***	***5493.64***	***6353.36***	***7493.64***
86-01 Ave	***35037.53***	***1716.87***	***6611.5***	***7563.27***	***5682.53***	***6363.87***	***7540.27***

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

4 May 2009

RECEIVED
MAY 06 2009
AQMD

Mr. Steve McKinney
El Dorado County
Air Pollution Control
2850 Fairlane Court
Placerville, CA 95667

Subject: Aggregate Plant Records

Dear Steve:

Here follows our aggregate plant production records for the 2008 season:

May	150 tons
June	893 tons
July	1187 tons
August	1326 tons
September	3735 tons
October	7500 tons

Asphalt production records for the 2008 season:

May	296 tons
June	1786 tons
July	2375 tons
August	2652 tons
September	7470 tons
October	11016 tons
Total Yearly Asphalt tonnage:	25,595 tons

Thanks, Steve.

Sincerely,

Russell Crawford
General Manager

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

3 April 2008

Mr. Steve McKinney
El Dorado County
Air Pollution Control
2850 Fairlane Court
Placerville, CA 95667

RECEIVED
APR 07 2008
AQMD

Subject: Aggregate Plant Records

Dear Steve:

Here follows our aggregate plant production records for the 2007 season:

May	794 tons
June	2442 tons
July	2495 tons
August	4818 tons
September	2699 tons
October	3111 tons

Asphalt production records for the 2007 season:

May	1059 tons
June	3392 tons
July	3564 tons
August	6786 tons
September	3911 tons
October	4575 tons
Total Yearly Asphalt tonnage:	23,287 tons

Thanks, Steve.

Sincerely,

Russell Crawford

Russell Crawford
General Manager

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

(530) 541-1647 Fax

FAX
COVER SHEET

TO Steve McKinney - El Dorado County Air Quality
FROM Russell Crawford **PHONE** 621-6662
FAX # 295-2774 **DATE** 10.19.07 **TIME**
NUMBER OF PAGES INCLUDING COVER 6

Steve, per our phone conversation, please review the attached. I would appreciate your input as soon as possible.
Thank you

RECEIVED
OCT 19 2007
AQMD

Application for: Authority to Construct Permit to Operate Support Request

El Dorado County Air Quality Management District
2850 Fairlane Court, Building "C", Placerville, CA 95667
Phone: (530) 621-6662
Fax: (530) 295-2774
www.co.el-dorado.ca.us/emd

RESPONSIBLE COMPANY OR OPERATOR	Company/Operator (Please Print or Type): Tahoe Asphalt, Inc	Contact: Russell Crawford
	Mailing Address: P.O. Box 8378	Title: General Manager
	City, State & ZIP Code: South Lake Tahoe, CA 96158	Phone ( ): 530. 541.0133
	Federal ID Number or SS Number: 68-0349779	E-Mail Address:
FACILITY LOCATION	Name of Facility: Tahoe Asphalt Inc	Facility Contact: Russell Crawford
	Street Address: 1104 Industrial Avenue	Title: General Manager
	City: South Lake Tahoe, CA 96150	Phone ( ): 530-541-0133
Send bill(s), permits and correspondences to:		(Responsible Company/Operator) Facility Location

Type of Application (Check appropriate boxes)
- New Facility
- X Modification of Existing Facility or Equipment
- Change of Ownership
- X Existing Permit # 08-167
- Emission Reduction Credit
- AQMD Support Request
- Miscellaneous (explain below)

Is the facility location within 1000 feet from the boundary of a K-12 school? YES (NO)

Equipment Schedule of Operation	Hours/day:	Days/week:	Weeks/year:
	24	7	26

Estimated Construction Start Date:	Estimated Completion Date:	Estimated Start-up Date:
1.1.08	5.1.08	5.1.08

Description of Project/Request (Attach supplemental forms and/or detailed equipment/emission information):
Replace childers hot oil heater with C.E.I —
see attached documentation

Information submitted to obtain an Authority to Construct/Permit to Operate is public information unless specifically marked as trade secret or confidential by the applicant. Emission data is subject to disclosure regardless of any claim of trade secret or confidentiality.

Signature of Responsible Official/Person:
The Responsible Official/Person is the individual with the authority to certify this source will comply with all District requirements and conditions set forth in the permit and the Rules and Regulations of El Dorado County. I certify all information contained herein and submitted with this application is true, accurate and complete.

Signature: Russell Crawford Date: 19 October 2007

Printed Name: Russell Crawford Title: General Manager

DATE STAMP	FOR EL DORADO COUNTY AQMD USE ONLY	
	AC No.:	APPLICATION APPROVED — DATE / ENGINEER'S INITIALS
	PO No.:	APPLICATION DENIED — DATE / ENGINEER'S INITIALS

AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE
APPLICATION INSTRUCTIONS

Need assistance? Please contact the District engineering staff and schedule an appointment for a free consultation to assist you in completing your permit application. The District can be reached at (530) 621-6662.

General Applications - Filing fee: $307
Change of Ownership - $81
Name Change - $81

Responsible Company/Operator

Specify the name and address of the person, partnership, corporation or agency to be named on and held responsible for the Authority to Construct or Permit to Operate.

Facility Location

Specify the street address of the proposed or actual equipment location. If the location does not have an address, specify the location by section, township, and range or the GPS coordinates of the site.

Send bill(s), permits and correspondences to:

Specify which of the above (Responsible Company/Operator or Facility Location) shall be the recipient for all correspondences, including annual billing, original signed permits, requests for information, etc.

Description of Project/Request

Briefly describe the process proposed for construction, installation and/or operation. If the application is for a modification, describe what you are proposing to change. For standard emission units the District has developed supplemental forms, which specify needed information:

Abrasive Blasting	Gasoline Storage and Dispensing Facility
Aggregate Conveying	Soil Remediation
Aggregate Screening	Internal Combustion Engine
Automotive Refinishing Coating	Paint Spray Booth
Baghouse, Dust Collector, or Bin Vent Filter	Solvent Degreaser
Boiler	Surface and Wood Products Coating Operations
Ethylene Oxide (EtO) Sterilizer	Surface Coating Material Usage Form
Furnace	Wood Products Coating Material Usage Form

Forms are available at the District office or www.co.el-dorado.ca.us//emd/aped/construction.html

Attach all available data concerning the nature, size, weight and concentration of all types of air contaminants that may be discharged at each stage of the process. Similarly, control procedures must be described to show the extent of control of anticipated air contaminants. State the manufacturer, model, serial number (if known), size and type for either the entire unit or its major parts.

Additional information may be requested after evaluation of application. Additional information may include, but not limited to, facility maps (blueprints, diagrams showing emission equipment and distance to property lines or structures), flow diagrams (blueprints, diagrams showing flow of air pollutants, control devices and discharges to atmosphere), hazard risk analysis, modeling or operations and maintenance plans.

Signature of Responsible Official/Person

The responsible official is an individual with the authority to certify that a source will comply with all District requirements and conditions set forth in the permit and the Rules and Regulations of El Dorado County (additional requirements may be found in District Rule 101, General Provisions and Definitions).

EL DORADO COUNTY ENVIRONMENTAL MANAGEMENT DEPARTMENT
AIR QUALITY MANAGEMENT DISTRICT
2850 FAIRLANE COURT, PLACERVILLE, CA 95667
PHONE: (530) 621-6662 FAX: (530) 295-2774

Permit to Operate: 08-167
Date Issued: 11-28-06
Expires: 10-31-07

AIR POLLUTION PERMIT

REVOCABLE AND NON TRANSFERABLE

This **PERMIT TO OPERATE** is granted to:
Tahoe Asphalt, Inc.
P.O. Box 8378
South Lake Tahoe, CA 96158

PROJECT LOCATION:
Tahoe Asphalt, Inc.
1104 Industrial Avenue
South Lake Tahoe, CA 96150

For the equipment described below and as shown on the approved plans and specifications and subject to the conditions listed.

* * * TO OPERATE * * *

Asphalt Plant

Equipment Description:

Description	Manufacturer	Model	Rating
Hot Mix Asphalt Batch Plant	Madsen Iron Works	N/A	144 ton/hr
Aggregate Dryer	Madsen Iron Works	8 x 32	60 MMBtu/hr
Liquid Asphalt Storage Tank w/Heater	Childers	YZ100	20,000 gal 1 MMBtu/hr
Baghouse	Standard Havens	Magnum 8.5	N/A

(See Page Two for Permit to Operate Conditions)

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY FEDERAL, STATE, OR DISTRICT RULES AND REGULATIONS. Air Quality Management District Rules are available at the District Office or www.arb.ca.gov/drdb/ed/cur.htm

BY Marcella McTaggart
Marcella McTaggart
AIR POLLUTION CONTROL OFFICER

11-29-06
DATE

POST IN A CONSPICUOUS PLACE

CEI ENTERPRISES, INC.
an Astec Company

CEI ENTERPRISES

P.O. BOX 9156 • ALBUQUERQUE, NM 87119 • 800-545-4034 • 505-842-5556 • Fax 505-243-1422 • www.ceienterprises.com

October 19, 2007

Tahoe Asphalt Inc.
1104 Industrial Ave
P.O.Box 8378
South Lake Tahoe, CA 96150

Phone: (530) 541-0133
Fax: (530) 541-1647
Cell: (925) 933-6170

Attention: Mike Plummer e-mail: mplumer@astound.net

Reference: CEI Proposal No. **07-311revA**

CEI Enterprises, Inc., an Astec company proposes to furnish, in accordance with the following specifications and general conditions, the equipment and/or services described below:

Item A – One (1) each: Model CEI-1200A, Jacketed Firebox Circulating Hot Oil Heater with a full modulation power pressure burner equipped for natural gas. Maximum input is rated at 1,410,000 BTU/hour with an output of 1,227,000 BTU/hour. The unique design of the CEI heater provides 90% peak thermal efficiency. Consequently, the heater burns less fuel than other. **The maximum operating temperature is 450° F.** Please consult factory if a higher temperature is needed.

CIRCULATING PUMP is a self-cooling, high capacity, virtually dripless centrifugal type pump. A safety guard covers the pump coupling that connects the pump to a 5 HP, 3450 RPM, TEFC (totally enclosed fan cooled) electric motor. These components are mounted on a steel base that is welded to the heater skid. The pump flow rate is 120 GPM with an available head of 35 PSIG. Isolation valves make pump removal possible with a minimal loss of thermal fluid. Burner controls, pressure control switch, and a 5" dial pressure gauge are interlocked with the pump.

CONTROLS are prewired, tested and located in a NEMA-4 enclosure. All necessary operating and safety controls include digital flame safeguard system, low oil level switch, high-temperature safety, pump pressure control, digital temperature controller, fuel selector switch, OFF/PUMP/BURNER switch, a series of operating/indicating lights and thermometers for hot oil supply and return. Control voltage is 115/60/1.

FIREBOX AND HEAT EXCHANGER are desined for fast, efficient thermal heat transfer. The firebox is oil jacketed with forced circulation channeled for positive flow control of heat transfer fluid. After complete combustion occurs in the firebox, hot gases pass through the multi-pass fire-tube type heat exchanger to give a total of 110 square feet of heating surface. A turbulator fin inside each tube of the heat exchanger provides additional heating efficiency. Firebox is covered with 3" of spunfelt insulation. Heat exchanger is covered with 1" of spunfelt insulation with aluminum backing. Skin covering insulation is .032" thick stucco embossed aluminum.

CEI REPORTS...
A Trace Industries Inc. Company
CEI ENTERPRISES • P.O. BOX 9156 • ALBUQUERQUE, NEW MEXICO 87119 • 505-877-9107 • TOLL FREE 1-800-545-4034

E M I S S I O N S D A T A

CEI CIRCULATING HOT OIL HEATER

EQUIPPED WITH POWER FLAME BURNER

1,410,000 BTU / HOUR MAXIMUM INPUT

	NO. 2 DIESEL FUEL	NATURAL GAS
NO_x	.20 #/Hr NO_x Max.	.13 #/Hr NO_x Max.
Carbon Monoxide	Negligible CO	.052 #/Hr CO Max.
Particulate Matter	.141 #/Hr Max.	Negligible
Hydrocarbons	.054 #/Hr Max.	.035 #/Hr Max.
Moisture Grains	626,000 /Hr Max.	916,000 /Hr Max.
Moisture Percent	6%	9%

Sulphur Dioxide - SO_2 To determine SO_2 content, multiply percent of sulphur by weight in fuel X 1.05 = # of SO_2 per million BTU.
Example: 1.6 (percent of sulphur in fuel) X 1.05 = 1.68 #/MM BTU.
1.68 X 1.41 (millions of BTU) = 2.3688 #/Hr SO_2 Max.

Exhaust Flow Rate = 325 CFM Including 20% Excess Air.

Exhaust Velocity = 10 Feet/Second.

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

(530) 541-1647 Fax

FAX
COVER SHEET

TO Steve McKinney
FROM Russ Crawford **PHONE**
FAX # 295-2774 **DATE** 5-14-07 **TIME** 10:40
NUMBER OF PAGES INCLUDING COVER 10

Steve, Here's the flowsfee for our new equipment. it is a Crawlers Horizotal Impact crusher and a 80' stacking conveyor. these will be used at 1104 Industrial on a part time basis and will go out to Rent in other districts for at least 4mos / year Pls call if you have questions

Russ

RECEIVED
MAY 14 2007
AQMD

M95 ENGINE SN: 68044373

Air Resources Board

Linda S. Adams
Secretary for
Environmental Protection

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 - www.arb.ca.gov

Arnold Schwarzenegger
Governor

Statewide Portable Equipment Registration

Registration No: 134489

Legal Owner or Operator: Powerscreen of Northern California, Inc.

Mailing Address: 10 Case Court
American Canyon, CA 94503-9696

Equipment Description:

Portable transfer conveyor manufactured by MGL Engineering, model M95, Serial No: 746109, with a maximum throughput rating of 300 tons per hour, and consisting of:
746139

(1) receiving hopper
(1) conveyor

Conditions: see attached

Home District: none

134487 11/30/09

Expiration Date: November 30, 2009

Jorge Fernandez
Chief, Program Evaluation Branch
Stationary Source Division

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: http://www.arb.ca.gov.

California Environmental Protection Agency

Printed on Recycled Paper

California Environmental Protection Agency
Air Resources Board

Statewide Portable Equipment Registration Program

FORM 7 - Modification to an Existing Registration

(Auto-fill format. Use "Tab" or up/down arrows to enter information)

1. Company Name: Tahoe Asphalt, Inc.

2. Registration Number: 134487

3. Indicate How Registration is to be Modified (choose one)

☒ Change of Ownership ($75) Fill out a form 1 (Company Information)

Company Unit ID number (optional): _____

Describe the general use of the engine or equipment unit: _____

Home District Designation: _____

☐ Check this box if your company is a rental business

☒ Check this box if the statewide registration sticker is intact and on engine or equipment unit

☐ Check this box if the statewide registration sticker is NOT intact on engine or equipment unit

Renewal Fees are required if the postmark date of the application is within five months of the current expiration date.

☐ Engines: $575 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

or

☐ Equipment units: $305 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

Proceed to Item 4 Below.

☐ Identical Replacement ($75) Fill out a form 1 (Company Information Page)

Note: An identical replacement is appropriate only for cases of mechanical breakdown of an engine or equipment unit.

Serial number of the replacement engine or equipment unit: _____

Engine Family Name for the replacement engine: _____

Date engine/equipment unit was replaced: _____

Date of mechanical breakdown: _____

Attach documentation describing the mechanical breakdown.

Proceed to Item 4 Below.

☐ Modification to an Engine's or Equipment Unit's Configuration, Emission Control Equipment, or Operating Conditions ($75)

Explain changes to engine or equipment unit. Attach an emissions summary or design parameters if applicable.

_____

Proceed to Item 4 Below.

4. Printed Name of Company Responsible Party: Michael L. Plumer	Title: President
5. Signature of Company Responsible Party:	Date: 5-9-07

Revised 5/2007 PERP Registration forms are available at www.arb.ca.gov/portable/perp/perp.htm

M95 SN: 7436109

Air Resources Board

Linda S. Adams
Secretary for
Environmental Protection

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Arnold Schwarzenegger
Governor

Statewide Portable Equipment Registration

Registration No: 134488

Legal Owner or Operator: Powerscreen of Northern California, Inc.

Mailing Address: 10 Case Court
American Canyon, CA 94503-9696

Engine Description:

Certified non-road portable internal combustion engine, compression ignition, Cummins, model 3.3, Serial No: 68044373, rated at 73 bhp, diesel fueled and equipped with turbocharger.

U.S. EPA Engine Family Name: 5CEXL03.3ABB

Conditions: see attached

Home District: none

134488 11/30/09

xpiration Date: November 30, 2009

rge Fernandez
hief, Program Evaluation Branch
lationary Source Division

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: http://www.arb.ca.gov

California Environmental Protection Agency

Printed on Recycled Paper

Air Resources Board

Statewide Portable Equipment Registration Program

FORM 7 - Modification to an Existing Registration

(Auto-fill format. Use "Tab" or up/down arrows to enter information)

1. Company Name: Tahoe Asphalt, Inc.

2. Registration Number: 134488

3. Indicate How Registration is to be Modified (choose one)

☒ Change of Ownership ($75) Fill out a form 1 (Company Information)

Company Unit ID number (optional): _____

Describe the general use of the engine or equipment unit: _____

Home District Designation: _____

☐ Check this box if your company is a rental business

☒ Check this box if the statewide registration sticker is intact and on engine or equipment unit

☐ Check this box if the statewide registration sticker is NOT intact on engine or equipment unit

Renewal Fees are required if the postmark date of the application is within five months of the current expiration date.

☐ Engines: $575 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

or

☐ Equipment units: $305 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

Proceed to Item 4 Below.

☐ Identical Replacement ($75) Fill out a form 1 (Company Information Page)

Note: An identical replacement is appropriate only for cases of mechanical breakdown of an engine or equipment unit.

Serial number of the replacement engine or equipment unit: _____

Engine Family Name for the replacement engine: _____

Date engine/equipment unit was replaced: _____

Date of mechanical breakdown: _____

Attach documentation describing the mechanical breakdown.

Proceed to Item 4 Below.

☐ Modification to an Engine's or Equipment Unit's Configuration, Emission Control Equipment, or Operating Conditions ($75)

Explain changes to engine or equipment unit. Attach an emissions summary or design parameters if applicable.

_____

Proceed to Item 4 Below.

4. Printed Name of Company Responsible Party: Michael L. Plumer	Title: President
5. Signature of Company Responsible Party:	Date: 5-9-07

Revised 5/2007 PERP Registration forms are available at www.arb.ca.gov/portable/perp/perp.htm

Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Arnold Schwarzenegger
Governor

Statewide Portable Equipment Registration

Registration No: 132870

Legal Owner or Operator: Powerscreen of Northern California, Inc.

Mailing Address: 10 Case Court
American Canyon, CA 94503-9696

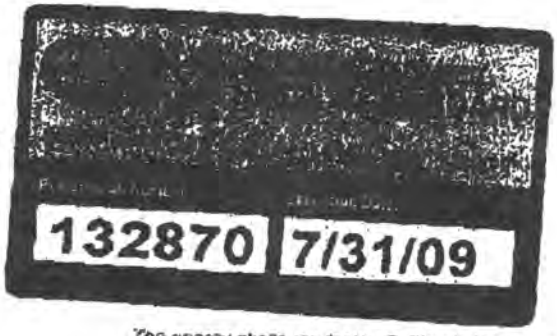
Equipment Description:

Portable crushing and screening plant manufactured by Terex Pegson, model 4242 SR, Serial No: 420181DDSR, with a maximum throughput rating of 500 tons per hour, and consisting of:

(1) receiving hopper
(1) crusher
(1) screen
(2) conveyors

Conditions: see attached

Home District: none



piration Date: July 31, 2009

ge Fernandez
ief, Program Evaluation Branch
tionary Source Division

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: http://www.arb.ca.gov.

California Environmental Protection Agency

Printed on Recycled Paper

Air Resources Board

Statewide Portable Equipment Registration Program

FORM 7 - Modification to an Existing Registration

(Auto-fill format. Use "Tab" or up/down arrows to enter information)

1. Company Name: Tahoe Asphalt Inc.

2. Registration Number: 132870

3. Indicate How Registration is to be Modified (choose one)

☒ Change of Ownership ($75) Fill out a form 1 (Company Information)

Company Unit ID number (optional): _____

Describe the general use of the engine or equipment unit: _____

Home District Designation: _____

☐ Check this box if your company is a rental business

☒ Check this box if the statewide registration sticker is intact and on engine or equipment unit

☐ Check this box if the statewide registration sticker is NOT intact on engine or equipment unit

Renewal Fees are required if the postmark date of the application is within five months of the current expiration date.

☐ Engines: $575 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

or

☐ Equipment units: $305 for renewal, inspection fees, and placard (if unit has placard, subtract $5)

Proceed to Item 4 Below.

☐ Identical Replacement ($75) Fill out a form 1 (Company Information Page)

Note: An identical replacement is appropriate only for cases of mechanical breakdown of an engine or equipment unit.

Serial number of the replacement engine or equipment unit: _____

Engine Family Name for the replacement engine: _____

Date engine/equipment unit was replaced: _____

Date of mechanical breakdown: _____

Attach documentation describing the mechanical breakdown.

Proceed to Item 4 Below.

☐ Modification to an Engine's or Equipment Unit's Configuration, Emission Control Equipment, or Operating Conditions ($75)

Explain changes to engine or equipment unit. Attach an emissions summary or design parameters if applicable.

_____

Proceed to Item 4 Below.

4. Printed Name of Company Responsible Party: Michael L. Plumer	Title: President
5. Signature of Company Responsible Party:	Date: 5-9-07

Revised 5/2007 PERP Registration forms are available at www.arb.ca.gov/portable/perp/perp.htm

Air Resources Board

14. Replacement of existing registration documents (Use Form 8)		x $45 =	
15. Replacement of registration identification sticker or placard (Use Form 8)		x $30 =	
16. Administrative update without replacement documents (Use Form 8)		No charge	

Registration and Annual Inspection Fees of Military Tactical Support Equipment (TSE):

17. For 1 to 25 units	N/A	$750 =	
18. For each additional 50 units or portion thereof		x $750 =	
19. TSE general district inspection fee per unit		x $10 =	

TOTAL FEES	$225.00

Revised 4/2007 PERP Registration forms are available at www.arb.ca.gov/portable/perp/perp.htm

California Environmental Protection Agency
Air Resources Board

Statewide Portable Equipment Registration Program
FORM 1 - General Information

(Auto-fill format. Use "Tab" or up/down arrows to enter information)

Please Print or Type All Information on This Form and Any Attached Forms.

1. Registration to Be Issued To (company name): Tahoe Asphalt, Inc.		
2. Mailing Address: P.O. Box 14484		
City: Oakland	State: California	ZIP: 94614
3. Street Address (if different from above): 1184 Industrial Ave.		
City: South Lake Tahoe	State: California	ZIP: 96158
4. Company Phone Number: 925-933-6170	Company FAX Number: 925-933-6170	Company E-Mail Address: mplumer@astound.net
5. General Nature of Business: Concrete & Asphalt crushing/screening	Agriculture Source? ☐ Yes ☒ No Rental Business? ☐ Yes ☒ No Provider of Essential Public Service? ☐ Yes ☒ No [as defined in PERP Regulation section 2452(ii)]	

For initial registration, attach FORM 2 for each portable engine, attach appropriate FORM 3A, 3B, 3C, 3D, 3E, or 3F for each portable equipment unit, or attach FORM 4 for Military Tactical Support Equipment. Use FORM 7 for modifications to existing registrations and FORM 8 for administrative updates. Use Form 1-A to calculate total fees to be remitted.

6. Total # Units: 3 Total Fees: $ 225.00 (From Form 1-A)	Enclose Check Payable To: ARB / PERP Air Resources Board P.O. Box 2038 Sacramento, CA 95812	OR	Bill to Credit Card: ☐ VISA ☒ MasterCard ☐ Discover ☐ American Express Credit Card No. xxxxxxxxxxxx1326 Expiration Date 02/08

I hereby certify that all information provided in this application and any attachments is true and correct.

7. Printed Name of Company Responsible Official (see definition on next page): Michael L. Plumer	Title: President
8. Signature of Company Responsible Official (see definition on next page):	Date: 3-9-07

Air Resources Board

Statewide Portable Equipment Registration Program
FORM 1-A - Fee Calculation Worksheet
(Auto-fill format. Use "Tab" or up/down arrows to enter information)

Initial Registration (Three Years):

	# of units	Fee	Total
1. Portable engine registration and district inspection fee with no multiple engine discount (includes $5 placard fee)		x $620 =	
2. Portable engine registration and district inspection fee with multiple engine discount – 4-9 engines to be inspected at same location (includes $5 placard fee)		x $533.75=	
3. Portable engine registration and district inspection fee with multiple engine discount – 10+ engines to be inspected at same location (includes $5 placard fee)		x $499.25=	
4. Portable equipment unit with district inspection fee (includes $5 placard fee)		x $350 =	
5. Portable Engine Not Meeting Current Tier Standard –see Form 1-B to calculate fee (no multiple engine discount available) (includes $5 placard fee)		x $	
		x $	
		x $	

Replacement/Modification/Change of Ownership/Administrative Update:

6. Identical replacement (Use Form 7)		x $75 =	
7. Modification to registered portable engine or equipment unit (Use Form 7)		x $75 =	
8. Change of ownership per portable engine or equipment unit (Use Form 7)	3	x $75 =	225
9. Change of ownership per portable engine in combination with renewal (Use Form 7). (If unit already has a placard, subtract $5)		x $650 =	
10. Change of ownership per portable engine in combination with renewal -- 4-9 engines to be inspected at same location. (Use form 7). (If unit already has a placard, subtract $5 for each unit)		x $563.75 =	
11. Change of ownership per portable engine in combination with renewal – 10+ engines to be inspected at same location. (Use form 7). (If unit already has a placard, subtract $5 for each unit)		x $529.25 =	
12. Change of ownership per portable equipment unit in combination with renewal (Use Form 7). (If unit already has a placard, subtract $5)		x $380 =	
13. Update or change to registration documents with replacement documents (Use form 8)		x $45 =	

TAHOE ASPHALT

ASPHALT PRODUCTION RECORDS PER MONTH

YEAR	TOTAL	MAY	JUNE	JULY	AUG	SEPT	OCT
1986	**45976**	3912	6544	10230	5584	10171	9535
1988	**25588**	3397		7146	7146	1562	6337
1989	**24379**	1013	10800	1826	2756	5867	2117
1990	**24384**	901	5111	5673	5978	2595	4126
1991	**30270**	1850	7167	9452	3944	2430	5427
1992	**34735**	1139	7514	7973	6742	6130	5237
1993	**36236**	1107	6975	7734	5852	7605	6963
1994	**36594**	845	6638	8480	4242	5889	10500
1995	**34634**	1765	9033	5380	4275	3760	10421
1996	**44386**	4000	3200	10700	5010	7696	13780
1997	**37602**	1190	5284	6478	11917	8233	4500
1998	**42743**	0	12389	5100	4500	9685	11069
1999	**31371**	2000	2721	9000	3500	7350	6800
2000	**39985**	915	6746	8786	5465	9974	8099
2001	**36680**	1719	2439	9491	8327	6511	8193
2002	**34328**	1400	5448	5541	8736	7463	5740
2003	**35327**	455	4114	5124	1931	12462	11241
2004	**25011**	459	4814	3234	7290	5828	3386
2005	**31816**	1045	5079	2868	4226	8236	10362
2006		~~4221~~ 1501	4221	6786			

2006	**15078**	4221	4221	6784			
Yearly Averages							
Year	Total	May	June	July	Aug	Sept	Oct
86/88 Ave	***35782***	***3654.5***	***6544***	***8688***	***6365***	***5866.5***	***7936***
86/89 Ave	***31981***	***2774***	***8672***	***6400.67***	***5162***	***5866.67***	***5996.33***
86/90 Ave	***30081.75***	***2305.75***	***7485***	***6218.75***	***5366***	***5048.75***	***5528.75***
86/91 Ave	***30119.4***	***2214.6***	***7405.5***	***6865.4***	***5081.6***	***4525***	***5508.4***
86/92 Ave	***30888.67***	***2035.33***	***7427.2***	***7050***	***5358.33***	***4792.5***	***5463.17***
86-93 Ave	***31652.57***	***1902.71***	***7351.83***	***7147.71***	***5428.86***	***5194.29***	***5677.43***
86-94 Ave	***32270.25***	***1770.5***	***7249.86***	***7314.25***	***5280.5***	***5281.125***	***6280.25***
86-95 Ave	***32532.89***	***1769.89***	***7472.75***	***7099.33***	***5168.78***	***5112.11***	***6740.33***
86-96 Ave	***33718.2***	***1992.9***	***6998***	***7459.4***	***5152.9***	***5370.5***	***7444.3***
86-97 Ave	***34071.27***	***1919.91***	***6826.6***	***7370.18***	***5767.82***	***5630.73***	***7176.64***
86-98 Ave	***34793.92***	***1759.92***	***7332.27***	***7181***	***5662.17***	***5968.58***	***7501***
86-99 Ave	***34530.62***	***1778.38***	***6948***	***7320.92***	***5495.85***	***6074.85***	***7447.08***
86-00 Ave	***34920.21***	***1716.71***	***6932.46***	***7425.57***	***5493.64***	***6353.36***	***7493.64***
86-01 Ave	***35037.53***	***1716.87***	***6611.5***	***7563.27***	***5682.53***	***6363.87***	***7540.27***
86-02 Ave	***34993.19***	***1697.06***	***6533.93***	***7436.88***	***5873.38***	***6432.56***	***7427.75***
86-03 Ave	***35012.82***	***1624***	***6382.69***	***7300.82***	***5641.47***	***6787.24***	***7652.06***
86-04 Ave	***34457.17***	***1559.28***	***6290.41***	***7074.89***	***5733.06***	***6733.94***	***7415.06***

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

10 October 2006

RECEIVED
OCT 10 2006
AQMD

Mr. John Angi
Air Quality Specialist
County of El Dorado
Environmental Management Department
2850 Fairlane Court, Building C
Placerville, CA 95667

Subject: Tahoe Asphalt
August 2006 Annual Inspection

Dear John:

In response to your annual inspection findings, Tahoe Asphalt has remedied your concerns by accomplishing the following:

1. Dust from trackout on the operation area and city street. We have hired a full time employee to address the fugitive dust concerns of the district. Finding that the use of our sweeper during the day and washing after hours to be the most effective way of curbing fugitive dust, we do both at least daily and more often as necessary. Our new hire's scope of work is primarily linked to dust control with all other duties secondary.

2. Gaskets have been researched, purchased and installed on the long screw. The addition of a plexiglas viewing port will be installed as necessary.

3. Vertical freezer drapes have been installed on the cold feeds. This appears to be working satisfactorily.

4. Time/maintenance logs on the air compressor have been changed so that they now indicate what it was used for.

RECEIVED
OCT 10 2006
AQMD

5. The logs for the screening plant now indicate day of operation and time of start up.

John, I believe that we have complied with your best management practices and hope that you will find the above changes make significant improvements in our fugitive dust situation. Thank you for your patience and understanding in this matter.

Sincerely,

Russell Crawford
General Manager

RC:dkb

cc: Michael Plumer

EL DORADO COUNTY
ENVIRONMENTAL MANAGEMENT DEPARTMENT

Environmental Health Division

Air Quality Management District

Solid Waste & Hazardous Materials Divisions

Vector Control

PLACERVILLE OFFICE
2850 Fairlane Ct.
Building C
Placerville, CA 95667

Ph. 530.621.5300
Fax. 530.642.1531
Fax. 530.626.7130

SOUTH LAKE TAHOE OFFICE
3368 Lake Tahoe Blvd.
Ste 303
South Lake Tahoe, CA
96150

Ph. 530.573.3450
Fax. 530.542.3364

COUNTY OF EL DORADO
ENVIRONMENTAL MANAGEMENT DEPARTMENT

September 15, 2006

Mr. Russell Crawford
General Manager
Tahoe Asphalt Company
P. O. Box 8378
South Lake Tahoe, CA 96158

Regular Mail

SUBJECT: AUGUST 2006 ANNUAL INSPECTION FINDINGS

Dear Mr. Crawford:

On August 24, 2006, the El Dorado County Air Quality Management District (District) conducted an annual onsite inspection of your facility located at 1104 Industrial Avenue, South Lake Tahoe, California. The purpose of the inspection was to determine if your facility was in compliance to District rules and regulations. As discussed during the inspection, several deficiencies were observed that require your prompt attention. They are as follow:

1. Significant dust from vehicle traffic emitted at operation area and on Industrial Avenue. The operation area and street were not watered frequently enough to prevent fugitive dust emissions.
2. Metal cover on dryer auger was inadequate allowing fugitive dust emissions. Gaskets should be applied.
3. Vertical freezer drapes are to be installed on cold feed storage bins to control fugitive dust emissions.
4. No record log was maintained for screen and generator start and stop operations as required in the operation permit.

The district will return to your facility within 30 days with every expectation that the aforementioned items will have been addressed. Failure to comply with this request may result in civil penalties and/or revocation of your permits.

If you have already implemented these corrective measures, please provide written response as to how deficiencies were corrected.

Thank you for your cooperation and if you have any questions please contact the District at (530) 621-6662.

Respectfully,

John Angi
Air Quality Specialist
El Dorado County Air Quality Management District

Cc: Michael L. Plumer

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

4 November 2005

Mr. Steve McKinney
El Dorado County
Air Pollution Control
2850 Fairlane Court
Placerville, CA 95667

RECEIVED
NOV 08 2005
AQMD

Subject: Aggregate Plant Records

Dear Steve:

Here follows our aggregate plant production records for the 2005 season:

May	784 tons
June	3808 tons
July	3577 tons
August	3169 tons
September	5929 tons
October	7460 tons

At this time I would like to request a change in our permit to operate #15-1123 for the John Deere engine on our backup air compressor. Our original permit which governed full time use of this device required us to only keep a log of fuel used (calculated by the meter at our fueling station) and a log of hours (written down when fueled). This current permit requires a fuel meter on the unit. Since we are in a backup mode, I would request changing the permit to allow use of the log book only as opposed to the costly double fuel meters required by a diesel engine that has fuel recirculation.

Thank you for your anticipated prompt attention to this matter.

Sincerely,

Russell Crawford
General Manager

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

January 6, 2005

Steve Mckinney
EDC
APCD

Dear Steve,

Following are our thru put numbers for the 2004 season.

Month	A.C. Plant in Tons	Screen Plant in Tons
May	459	950
June	4356	3629
July	3234	1800
August	7290	5009
September	5828	4760
October	3386	3000
Yearly Total	25799	19148

Russell Crawford

General Manager

RECEIVED
JAN 10 2005
AQMD

Steven W McKinney/PV/EDC
12/02/2004 03:36 PM

To Chris Halm <chalm@arb.ca.gov>
cc Marcella McTaggart/PV/EDC
bcc
Subject Re: "Hot Spots" facility list

Chris,

Attached find the Excel spread sheet you provided with some changes. Changes were:
1) Line through facilities that are now closed.
2) Identify new facility names where appropriate.
3) Added the SIC code to facilities without one.
4) Added the stationary sources with the following changes/clarifications.

Stationary Source Changes:

FAC ID 100 Cable Data is now known as "DST Output", I agree we should bill the same as last year and work on their new toxic inventory (and updated bill) over the next couple months.
FAC ID 102 Spreckels Limestone & Aggregate is now known as "Teichert Aggregate". They are only a quarry. A long time ago Spreckels has an asphalt plant...that was removed years ago. This quarry does not emit toxics.
FAC ID 3 Tahoe Asphalt has a "Hot Spots Prioritization Score" as follows: TS (carcinogenic) of 2.73 and TS* (non-carcinogenic) of 0.24. This assessment was performed in May 2000. At that time this facility produced approximately 100,000 tons per year of asphalt, whereas, last year this facility produced 34,000 tons. I believe this falls below the minimum level for hot spots billing.
FAC ID 103 Wetsel-Oviatt is no longer in business. All permits were cancelled and some ERCs were awarded.

I have included these stationary sources on the excel spread sheet. I hope it is acceptable.
If there is more explanation or information I can provide, please give me a call at (530) 621-7619.

Thank you for your patience,
Steve

Hot Spots Inventory.xls
Chris Halm <chalm@arb.ca.gov>

Chris Halm
<chalm@arb.ca.gov>
12/02/2004 09:39 AM

To steven.mckinney@co.el-dorado.ca.us
cc
Subject "Hot Spots" facility list

Steve,
Here is the list of dry cleaners, gas stations, and autobody shops.
Let's assume FOR THIS YEAR that the old gas stations that aren't on the list have already been evaluated and their risk was low (and so don't pay State fees). If you can verify that this is the case for next year, that would be good. As far as how to handle things for this year, if you can't get to this in the next

few weeks, we will have to keep this year's list with any minor adjustments you make and then get through more of the risk evaluations for next year. Let me know if you need help with this, I'd be happy to get you started...

Thanks,
Chris

--
Chris Halm
(916) 323-4865
chalm@arb.ca.gov
California Air Resources Board

ED_1.xls

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

RECEIVED
MAY 24 2004
AQMD

Steve McKinney
El Dorado County
APC

Dear Steve,

We would like to take advantage of your one time production reduction and amend our permit to read 100,000 tons for our total yearly permitted production of asphalt concrete.

Thank You

Russell Crawford

Date:	**5/17/2004**
Facility Name:	**Tahoe Asphalt**
Premise Number:	**0**
Choose Plant Type:	**1**
(1= batch, 2=drum)	
Annual Throughput (TPY):	**50,000**
Hourly Throughput (TPH):	**24**
Heat Input Capacity (Million Btu/hr)	**60**
Fuel Type	**1**

(1 = Natural Gas, 2 = No. 2 fuel oil, 3 = No.4 fuel oil, and 4 = 5 & 6 fuel oils)

Actual Fuel Oil Sulfur Content (%):	**0.5**
(The Sulfur content of No. 2 Fuel oil is 0.5% by Default)	
Potential Fuel Oil Sulfur Content (%)	**0.5**
Is Waste Oil Fired? (Y/N)	**n**

Controlled PM Emission Rate From Drum Dryer **0.033** lb/ton
(change if stack test data is available)

Asphalt Properties

Asphalt temperature (degrees F):	**325**
Volatility loss (%):	**-0.5**

Liquid Asphalt Tank Heaters

Heat Input Capacity (Million Btu/hr)	**1**		
CF of Natural Gas Used	**8504854**	If heater ran on natural gas 8760, CF of Gas Used =	8504854
Gallons of Fuel Used	**0**	If heater ran on #2 fuel oil 8760, Gallons of Fuel Used =	62127.66
Actual %S of Fuel Oil	**0.5**		
Potential % S of Fuel Oil	**0.5**		

11-26-13 - Lisa Petersen

It is not known if this was submitted as TA's TEIR, or whom it was submitted by, or if the District created this.

Therefore, it may not be considered as the TEIR, or the resulting information used as if it were.

Dryer Emissions

Criteria Pollutants

Pollutant	Uncontrolled Emission Factor (lbs/ton of asphalt)	Controlled Emission Factor (lbs/ton of asphalt	Actual Controlled	Actual Uncontrolled	Potential Controlled	Potential Uncontrolled
TSP	32.0000	0.0330	0.8250	800.0000	3.4690	3363.8400
PM-10	4.5000	0.0228	0.5693	112.5000	2.3936	473.0400
PM 2.5	0.2700	0.0066	0.0001	6.7500	0.6938	28.3824
Carbon Monoxide	0.4000		10.0000	10.0000	42.0480	42.0480
Nitrogen Oxides	0.0250		0.6250	0.6250	2.6280	2.6280
Volatile Organic Compounds	0.0082		0.2050	0.2050	0.8620	0.8620
Sulfur Dioxide	0.0007 Using Act. %S		0.0182	0.0182	0.0765	0.0765
	0.0007 Using Pot. %S					

Toxic Emissions

Pollutant	TPER	Units	Controlled Emission Factor (lbs/ton)	Hourly Emission Rate (lb/hr)	Daily Emission Rate (lb/day)	Actual Controlled (lbs/year)	Potential Controlled (lbs/year)
Acetaldehyde (TH)	6.8000	lb/hr	0.0003	0.0077	0.1843	16.0000	67.2768
Acrolein (TH)	0.0200	lb/hr	0.0000	0.0000	0.0000	0.0000	0.0000
Formaldehyde (TH)	0.0400	lb/hr	0.0007	0.0178	0.4262	37.0000	155.5776
Phenol (TH)	0.2400	lb/hr		0.0000	0.0000	0.0000	0.0000
Styrene (TH)	2.7000	lb/hr		0.0000	0.0000	0.0000	0.0000
richlorofluoromethane (CFC 111) (T)	140.0000	lb/hr		0.0000	0.0000	0.0000	0.0000
Methyl chloroform (TH)	64.0000	lb/hr	0.0000	0.0000	0.0000	0.0000	0.0000
Methyl ethyl ketone (TH)	22.4000	lb/hr	0.0000	0.0000	0.0000	0.0000	0.0000
Toluene (TH)	14.4000	lb/hr	0.0010	0.0240	0.5760	50.0000	210.2400
Xylene (TH)	16.4000	lb/hr	0.0027	0.0648	1.5552	135.0000	567.6480
Methylene chloride (TH)	0.3900	lb/hr		0.0000	0.0000	0.0000	0.0000
e Compounds, as Chromium (VI) (T)	0.0130	lb/day	0.0000	0.0000	0.0000	0.0024	0.0101
Hexane, n- (TH)	23.0000	lb/day	0.0000	0.0000	0.0000	0.0000	0.0000
Manganese & compounds (TH)	0.6300	lb/day	0.0000	0.0002	0.0040	0.3450	1.4507
Mercury & Compounds (H)	0.0130	lb/day	0.0000	0.0000	0.0002	0.0205	0.0862
Nickel & Compounds (TH)	0.1300	lb/day	0.0000	0.0001	0.0017	0.1500	0.6307
Carbon disulfide (TH)	3.9000	lb/day		0.0000	0.0000	0.0000	0.0000
hlorodibenzo-p-dioxin, 2,3,7,8- (TH)	0.0002	lb/yr	0.0000	0.0000	0.0000	0.0000	0.0000
Arsenic & Compounds (TH)	0.0160	lb/yr	0.0000	0.0000	0.0003	0.0230	0.0967
Benzene (TH)	8.1000	lb/yr	0.0003	0.0067	0.1613	14.0000	58.8672
Benzo(a)pyrene (T)	2.2000	lb/yr	0.0000	0.0000	0.0000	0.0000	0.0001
Beryllium & compounds (TH)	0.2800	lb/yr	0.0000	0.0000	0.0001	0.0075	0.0315
Cadmium & compounds (TH)	0.3700	lb/yr	0.0000	0.0000	0.0004	0.0305	0.1282
hlorodibenzo-p-dioxin 1,2,3,6,7,8 (T)	0.0051	lb/yr	0.0000	0.0000	0.0000	0.0000	0.0000
roethylene (tetrachloroethylene) (TH)	13000.0000	lb/yr		0.0000	0.0000	0.0000	0.0000
Trichloroethylene (TH)	4000.0000	lb/yr		0.0000	0.0000	0.0000	0.0000
HAPS							
Napthalene (H)			0.0000	0.0009	0.0207	1.8000	7.5686
osphorus Metal, Yellow or White (H)			0.0000	0.0000	0.0000	0.0000	0.0000
Polycyclic Organic Matter (H)			0.0001	0.0026	0.0634	5.5000	23.1264
Propionaldehyde (H)			0.0000	0.0000	0.0000	0.0000	0.0000
Quinone (H)			0.0003	0.0065	0.1555	13.5000	56.7648
Selenium compounds (H)			0.0000	0.0000	0.0003	0.0245	0.1030
Trimethylpentane, 2,2,4- (H)			0.0000	0.0000	0.0000	0.0000	0.0000
Antimony & Compounds (H)			0.0000	0.0000	0.0000	0.0000	0.0000
Chromium - All/Total (H)			0.0000	0.0000	0.0003	0.0285	0.1198
Cobalt compounds (H)			0.0000	0.0000	0.0000	0.0000	0.0000
Ethyl benzene (H)			0.0022	0.0528	1.2672	110.0000	462.5280
Lead and Lead compounds (H)			0.0000	0.0000	0.0005	0.0445	0.1871
Methyl bromide (H)				0.0000	0.0000	0.0000	0.0000
Cumene (H)				0.0000	0.0000	0.0000	0.0000
Ethyl chloride (chloroethane) (H)				0.0000	0.0000	0.0000	0.0000
Methyl chloride (H)				0.0000	0.0000	0.0000	0.0000
Xylene, o- (H)				0.0000	0.0000	0.0000	0.0000

Emissions summary from Silo Filling and Loadout operations

Pollutant	CAS Nos.	Emission Factors (lb/ton) Silo Filling SCC-3-05-002-13	Emission Factors (lb/ton) Load out SCC-3-05-002-14	Hourly Emission Rate (lb/hr) Silo Filling SCC-3-05-002-13	Hourly Emission Rate (lb/hr) Load out SCC-3-05-002-14	Daily Emission Rate (lb/day) Silo Filling SCC-3-05-002-13	Daily Emission Rate (lb/day) Load out SCC-3-05-002-14	Actual Emissions (ton/yr) Silo Filling SCC-3-05-002-13	Actual Emissions (ton/yr) Load out SCC-3-05-002-14	Potential Emissions ton/yr Silo Filling SCC-3-05-002-13	Potential Emissions ton/yr Load out SCC-3-05-002-14
Total PM		0.000585889	0.000521937	0.014061343	0.012526489	0.337472225	0.3006357	0.014647232	0.013048426	0.061588681	0.054866021
CO		0.001179981	0.00134924	0.028319536	0.032381764	0.679668854	0.7771623	0.029499516	0.033731004	0.124039566	0.141832127
VOC		0.012186685	0.003909411	0.292480449	0.093825871	7.019530786	2.2518209	0.304667135	0.097735282	1.281064368	0.410957316
Benzo(a)pyrene (T)	50328	0	7.84155E-09	0	1.88197E-07	0	4.517E-06	0	1.96039E-07	0	8.24304E-07
Napthalene (H)	91203	4.62078E-06	4.26171E-06	0.000110899	0.000102281	0.002661572	0.0024547	0.00011552	0.000106543	0.000485737	0.000447991
Phenol (TH)	108952	0	4.02306E-06	0	9.65534E-05	0	0.0023173	0	0.000100576	0	0.000422904
Benzene (TH)	71432	3.89974E-06	2.16265E-06	9.35937E-05	5.19037E-05	0.00224625	0.0012457	9.74935E-05	5.40663E-05	0.000409941	0.000227338
Methyl bromide (H)	74839	5.97148E-07	3.99259E-07	1.43315E-05	9.58222E-06	0.000343957	0.00023	1.49287E-05	9.98148E-06	6.27722E-05	4.19701E-05
Methyl ethyl ketone (TH)	78933	4.75281E-06	2.03788E-06	0.000114067	4.89092E-05	0.002737617	0.0011738	0.00011882	5.09471E-05	0.000499615	0.000214222
Carbon disulfide (TH)	75150	1.94987E-06	5.40663E-07	4.67969E-05	1.29759E-05	0.001123125	0.0003114	4.87467E-05	1.35166E-05	0.00020497	5.68345E-05
Cumene (H)	98828	0	4.57484E-06	0	0.000109796	0	0.0026351	0	0.000114371	0	0.000480907
Ethyl benzene (H)	100414	4.63094E-06	1.16451E-05	0.000111143	0.000279481	0.002667422	0.0067076	0.000115774	0.000291126	0.000486804	0.001224128
Ethyl chloride (chloroethane) (H)	75003	0	8.73379E-09	0	2.09611E-07	0	5.031E-06	0	2.18345E-07	0	9.18096E-07
Formaldehyde (TH)	50000	8.40881E-05	3.65987E-06	0.002018115	8.7837E-05	0.048434762	0.0021081	0.002102203	9.14969E-05	0.008839344	0.000384726
Hexane, n- (TH)	110543	1.21867E-05	6.23842E-06	0.00029248	0.000149722	0.007019531	0.0035933	0.000304667	0.000155961	0.001281064	0.000655783
Methyl chloride (H)	74873	0	6.23842E-07	0	1.49722E-05	0	0.0003593	0	1.55961E-05	0	6.55783E-05
Methyl chloroform (TH)	71556	0	0	0	0	0	0	0	0	0	0
Methylene chloride (TH)	75092	3.29041E-08	0	7.89697E-07	0	1.89527E-05	0	8.22601E-07	0	3.45887E-06	0
Perchloroethylene (tetrachloroethylene) (TH)	127184	0	3.20239E-07	0	7.68574E-06	0	0.0001845	0	8.00598E-06	0	3.36635E-05
Styrene (TH)	100425	6.58081E-07	3.03603E-07	1.57939E-05	7.28648E-06	0.000379055	0.0001749	1.6452E-05	7.59008E-06	6.91775E-05	3.19148E-05
Toluene (TH)	108883	7.55574E-06	8.73379E-06	0.000181338	0.000209611	0.004352109	0.0050307	0.000188894	0.000218345	0.00079426	0.000918096
Trichloroethylene (TH)	79016	0	0	0	0	0	0	0	0	0	0
Trichlorofluoromethane (CFC 111) (T)	75694	0	5.40663E-08	0	1.29759E-06	0	3.114E-05	0	1.35166E-06	0	5.68345E-06
Trimethylpentane, 2,2,4- (H)	540841	3.77787E-08	7.48611E-08	9.06689E-07	1.79667E-06	2.17605E-05	4.312E-05	9.44468E-07	1.87153E-06	3.9713E-06	7.8694E-06
Xylene (TH)	1330207	2.43734E-05	1.70517E-05	0.000584961	0.000409241	0.014039062	0.0098218	0.000609334	0.000426292	0.002562129	0.001792473
Xylene, o- (H)	95476	6.94641E-06	3.32716E-06	0.000166714	7.98518E-05	0.004001133	0.0019164	0.00017366	8.3179E-05	0.000730207	0.000349751

Pollutant	Actuals in lbs/yr	Silo Fill lb/yr	Load Out lb/yr
Benzo(a)pyrene (T)		0	0.000392078
Napthalene (H)		0.231039244	0.213085645
Phenol (TH)		0	0.201152849
Benzene (TH)		0.194986966	0.108132653
Methyl bromide (H)		0.029857379	0.019962951
Methyl ethyl ketone (TH)		0.237640365	0.101894231
Carbon disulfide (TH)		0.097493483	0.027033163
Cumene (H)		0	0.22874215
Ethyl benzene (H)		0.231547022	0.582252747
Ethyl chloride (chloroethane) (H)		0	0.00043669
Formaldehyde (TH)		4.20440646	0.18299372
Hexane, n- (TH)		0.60933427	0.311921114
Methyl chloride (H)		0	0.031192111
Methyl chloroform (TH)		0	0
Methylene chloride (TH)		0.001645203	0
Perchloroethylene (tetrachloroethylene) (TH)		0	0.016011951
Styrene (TH)		0.032904051	0.015180161
Toluene (TH)		0.377787247	0.43668956
Trichloroethylene (TH)		0	0
Trichlorofluoromethane (CFC 111) (T)		0	0.002703316
Trimethylpentane, 2,2,4- (H)		0.001888936	0.003743053
Xylene (TH)		1.218668539	0.852584379
Xylene, o- (H)		0.347320534	0.166357928

Asphalt Heater Emissions

Asphalt Heaters summed

	Actual controlled TPY	Actual uncontr. TPY	Potential controlled TPY	Potential uncontrol. TPY
TSP	0.0326	0.0326	0.1025	0.1025
PM10	0.0326	0.0326	0.1025	0.1025
PM2.5	0.0326	0.0326	0.1025	0.1025
NOx	0.4294	0.4294	0.6213	0.6213
CO	0.3607	0.3607	0.3607	0.3607
SOx	0.0026	0.0026	2.2055	2.2055
VOC	0.0236	0.0236	0.0236	0.0236

NATURAL GAS EMISSIONS:

ENTER MAX MBTU/HR: **1** MBTU/HR or MMBTU/HR

ENTER CF USED: **8504854**

FACTOR LB/MCF	Actual controlled TPY	Actual uncontr. TPY	Potential controlled TPY	Potential uncontrol. TPY
7.67 TSP	0.0326	0.0326	0.0326	0.0326
7.67 PM10	0.0326	0.0326	0.0326	0.0326
7.67 PM2.5	0.0326	0.0326	0.0326	0.0326
100.98 NOx	0.4294	0.4294	0.4294	0.4294
84.82 CO	0.3607	0.3607	0.3607	0.3607
0.61 SOx	0.0026	0.0026	0.0026	0.0026
5.55 VOC	0.0236	0.0236	0.0236	0.0236

FUEL OIL EMISSIONS

ENTER MAX BTU/HR **1**

ENTER GALLONS USED **0**

ENTER ACTUAL S % **0.5**

ENTER POT S % **0.5**

FACTOR LB/1000 GALLON	Actual controlled TPY	Actual uncontr. TPY	Potential controlled TPY	Potential uncontrol. TPY
3.3 TSP	0.0000	0.0000	0.1025	0.1025
3.3 PM10	0.0000	0.0000	0.1025	0.1025
3.3 PM2.5	0.0000	0.0000	0.1025	0.1025
20 NOx	0.0000	0.0000	0.6213	0.6213
5 CO	0.0000	0.0000	0.1553	0.1553
142 SOx	0.0000	0.0000	2.2055	2.2055
0.2 VOC	0.0000	0.0000	0.0062	0.0062

*All PM (total, condensible, and filterable) is assumed to be less than 1.0 micron in diameter.

S02 FACTOR IS 142 * S IN CALCULATION

ENVIRONMENTAL MANAGEMENT DEPARTMENT
AIR QUALITY MANAGEMENT DISTRICT
INTEROFFICE MEMORANDUM

TO: File

FROM: Steve McKinney

DATE: May 5, 2004

SUBJECT: Tahoe Asphalt – Phone Log

On 5/4/04 a phone conversation occurred between Mr. Russell Crawford, Ms. Marcella McTaggart and the undersigned. Items of conversation included Curtis Crushing operation on Tahoe Asphalt property, determination if Tahoe Asphalt is a Synthetic Minor Source, disposition of the Leroy compressor (John Deere ICE) and current permit maximum throughput (130,000 tons).

Discussion began by updating Mr. Crawford that a memo that is being drafted regarding Curtis Crushing. Mr. Doug Curtis has turned in a Portable Equipment Permit Application (verified with ARB) and submitted much information to the District in an attempt to obtain required permits to perform a short duration crushing operation at Tahoe Asphalt. Unfortunately he does not have the portable permit in hand, enforcement discretion would allow him to operate.

The second topic of discussion related to whether Tahoe Asphalt is a "Synthetic Minor" source of emissions. Discussion with a consultant and reevaluation of calculations is indicating this is not the case. The District will continue working on this subject and provide final evaluation and permit updates prior to the end of May.

Mr. Crawford provided the District with a correspondence dated April 16, 2004 requesting cancellation of the "Leroy Diesel" permit. However, after discussion with Mr. Crawford, it appears he intends to keep this device (diesel engine powered compressor) on site for various uses, unrelated to the asphalt batch plant. The Leroy Diesel was the primary pneumatic supply for the batch plant, but has been replaced with an electric compressor and separate backup electric compressor. After notifying Mr. Crawford that retention of this compressor on site still requires an Air Pollution Permit, he rescinded his request for cancellation and assured the District this device will not exceed 200 hours per year of operation.

The last topic of discussion was the maximum throughput of the batch plant. Mr. Crawford has never exceeded 50,000 tons per year (data provided since 1986) and the maximum permit allowable of 130,000 tons is not warranted. Mr. Crawford indicated the plant was "For Sale", but not now, and thought the high permit throughput level may improve the sales value. We reminded him permits are not transferable and Mr. Crawford agreed to consider using a more realistic maximum level like 60,000 tons. Additional discussions on this subject are required prior to permit updating.

It was agreed to schedule an inspection of the plant on May 19, 2004 for the annual permit renewal and to provide update of action items found last year.

COUNTY OF EL DORADO

ENVIRONMENTAL MANAGEMENT DEPARTMENT

EL DORADO COUNTY

ENVIRONMENTAL MANAGEMENT DEPARTMENT

Jon A. Morgan
Director

Environmental Health Division

Air Quality Management District

Solid Waste & Hazardous Materials Division

Vector Control Division

PLACERVILLE OFFICE
2850 Fairlane Ct., Building 'C'
Placerville, CA 95667

Ph. 530.621.5300
Fax 530.642.1531
Fax 530.626.7130

SOUTH LAKE TAHOE OFFICE
3368 Lake Tahoe Blvd. Ste. 303
South Lake Tahoe, CA 96150

Ph. 530.573.3450
Fax 530.542.3364

May 4, 2004

Curtis Crushing
P.O. Box 3149
Gardnerville, NV 89410
Attention: Mr. Doug Curtis

SUBJECT: Portable Crushing Operation at Tahoe Asphalt

Dear Doug:

You presented El Dorado Air Quality Management District (District) with copies of a stationary source permit for Northern Sierra Air Quality Management District, crushing emission calculations and work flow diagrams. In addition, on May 3, 2004 you provided a copy of your application to the Statewide Portable Equipment Registration Program for a portable crusher, feeder, conveyor, screens and internal combustion engine. Through your actions in contacting this office, providing information and by turning in a portable equipment application you have demonstrated a sincere interest in obtaining necessary air pollution permit(s). It is unfortunate the portable permit is in process and not issued.

The undersigned APCO recognizes your efforts and is willing to apply "Enforcement Discretion" regarding the lack of a Portable Permit onsite provided you rigorously comply with the submitted Dust Mitigation Plan and submit to a portable equipment inspection. This approval is contingent on the presumed successful award of your Portable Equipment Registration Program Permit(s). Failure to cooperate with this program and obtain this permit will constitute operation of emission sources without a permit and be subject to a violation and fine.

Please coordinate with Steve McKinney at 621-7619 as to the start and completion dates, hours of operation, quantities of material processed and proposed inspection. In closing, we cannot understate the importance of providing the District with a copy of your Portable Equipment Permit(s) when you obtain them. Thank you for your cooperation in this effort.

Sincerely,

Steve McKinney
Air Quality Engineer

Marcella McTaggart
Air Pollution Control Officer

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

EL DO[illegible] COUNTY
[illegible]ED
AP[illegible] 7 [illegible]003
ENVI[illegible]ENTAL
MAN[illegible]ENT

April 2, 200~~3~~4
Brenda C. Douglass
EDC APCD

Dear Brenda,

Total hours of operation for the internal combustion engine powering our air compressor in the operating year of 2003 is 1043 hours. Burning a total of 1461 gallons of diesel fuel at a rate of 1.4gal/hr.

	H(
	(
MONTH	OPE
MAY	1
JUNE	1
JULY	1
AUGUST	1
SEPTEMBER	2
OCTOBER	1
TOTAL 2003	1

USEAGE = 1.4 (

Our production r

Thank You,

Russell Crawford

General Manager

Hrs 04 are 0

03

Hrs for Ben

EL DORADO COUNTY
RECEIVED
APR 0 7 2003
ENVIRONMENTAL
MANAGEMENT

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

April 16, 2004

El Dorado County
Environmental Management Department
APCD

To Whom It May Concern,

In the interest of cleaner air, Tahoe Asphalt will no longer operate the Leroy diesel burning compressor in a stationary manner to operate the plant. We will still keep and use this equipment for back up to our back up and for incidental use I estimate our use to burn no more than 50 to 100 gallons of diesel per year. I would ask that the permit to operate is no longer needed and be canceled.

Thank You,

Russell Crawford
General Manager

RECEIVED
APR 1 2004
AQMD

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

EL DO COUNTY
RECEIVED
APR 7 2003
ENVIRONMENTAL
MANAGEMENT

April 2, 2003
Brenda C. Douglass
EDC APCD

Dear Brenda,

Total hours of operation for the internal combustion engine powering our air compressor in the operating year of 2003 is 1043 hours. Burning a total of 1461 gallons of diesel fuel at a rate of 1.4gal/hr.

2003 SEASON RECORDS

MONTH	HOURS OF OPERATION	GALLONS DIESEL USED	TOTAL TONS PRODUCED
MAY	121	173	1400
JUNE	189	244	5448
JULY	132	184	5571
AUGUST	197	278	8736
SEPTEMBER	211	293	7463
OCTOBER	197	290	5740
TOTAL 2003	1043	1461	34328

USEAGE = 1.4 GALLONS PER HOUR OF OPERATION

Our production numbers should be protected as trade secret's

Thank You,

Russell Crawford

General Manager

EL DORADO COUNTY
RECEIVED
APR 0 7 2003
ENVIRONMENTAL
MANAGEMENT

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

April 16, 2004

El Dorado County
Environmental Management Department
APCD

To Whom It May Concern,

In the interest of cleaner air, Tahoe Asphalt will no longer operate the Leroy diesel burning compressor in a stationary manner to operate the plant. We will still keep and use this equipment for back up to our back up and for incidental use I estimate our use to burn no more than 50 to 100 gallons of diesel per year. I would ask that the permit to operate is no longer needed and be canceled.

Thank You,

Russell Crawford
General Manager

RECEIVED
APR 1 2004
AQMD

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

FAX
COVER SHEET

TO Steve w/ APC 295 2774
FROM Russ Crawford **PHONE** ~~642 1513~~
FAX # 3 **DATE** 5/3/04 **TIME** 10:45
NUMBER OF PAGES INCLUDING COVER 3

Here are our through puts for A.C. and Aggregates

RECEIVED
MAY - 3 2004
AQMD

TAHOE ASPHALT

ASPHALT PRODUCTION RECORDS PER MONTH

YEAR	TOTAL	MAY	JUNE	JULY	AUG	SEPT	OCT
1986	45689	3912	6544	10230	5584	10171	9535
1988	30701	3397		7146	7146	1562	6337
1989	24191	1013	10800	1826	2756	5867	2117
1990	24383	901	5111	5673	5978	2595	4126
1991	29986	1850	7167	9462	3944	2430	5427
1992	34676	1139	7514	7973	6742	6130	5237
1993	36128	1107	6975	7734	5852	7605	6963
1994	36690	845	6638	8480	4242	5889	10500
1995	34991	1765	9033	5380	4275	3760	10421
1996	43900	4000	3200	10700	5010	7696	13780
1997	38500	1190	5284	6478	11917	8233	4500
1998	43874	0	12389	5100	4500	9685	11069
1999	30800	2000	2721	9000	3500	7350	6800
2000	40399	915	6746	8786	5465	9974	8099
AVER	36191	1818	6934	7335	5056	6437	7356
2001	36793	1719	2439	9491	8327	6511	8193
2002	34328	1400	5448	5541	8736	7463	5740
AVER	36112	1785	6535	7358	5490	6506	7307
2003	35414	455	4143	5124	1931	12462	11241

TAHOE ASPHALT

TONS OF AGGAGATE SCREENED PER MONTH

YEAR	TOTAL	May	June	July	August	September	October
2000	42423	0	14373	28079	0		
2001	38000	0	18000	20000	0		
2002	24030	980	3814	3879	6115	5224	4018
2003	24790	318	2900	3587	1352	8723	7869

TAHOE ASPHALT, INC.
Plant Location: 1104 Industrial Ave., South Lake Tahoe, CA
P.O. Box 8378, South Lake Tahoe, CA 96158
(530) 541-0133

October 13, 2003

Marcella McTaggart
El Dorado County
Air Pollution Control Officer

Dear Marcella,

This letter is in response to your inspection in September. At that time ~~Tony~~ Ron V. and you brought up some deficiencies in our baghouse and our fugitive dust program. You followed up that visit with a letter and I will respond to that letter at this time.

Fugitive dust, when you were here we had some fugitive dust from our travel ways and needed watering. Since your visit I have changed the schedules of my staff to include one person staying late in the day to water and sweep and one to come in early to supplement the sweeping and watering. Fugitive dust from various sources on the plant. I will start in spring of 2004 and add to my spring maintenance the flushing of the scavenge tubes and the sealing of points of escape for fugitive dust.

Stack emissions, since you were here I did some research and found a more productive method of leak detection. This involved purchasing a new high powered ultraviolet light and slightly changing my test method. I found only two small leaks in the bags and upon replacement received only slight improvement in our stack emissions.

During your visit ~~Tony~~ Ron V. had issue with the scale on our photohelic gauge. During normal operation (during your visit we were operating sporadically) that gauge reads .2 to .6 and the scale is adequate.

In an effort to clean up our emissions in the spring of 2004 we will add to our maintenance the following,

1. Reconnect the magnehilic gauge in the operators tower
2. Vacuum out all the existing bags and vacuum of the tube sheet
3. Repair all leaks in the duct work
4. Blow out all runs of the fugitive dust control ducting
5. Replace air deflector channels inside the baghouse

When I started at Tahoe Asphalt I had limited knowledge of baghouse operation and maintenance however in my 13 year tenure I have done extensive reading and attended several workshops on plants and baghouse operation. In the past years I have worked diligently to reduce emissions trying all of the following with limited successes.

1992 Experimented with singed baghouse bags and found that they would not clean at all
1995 Installed a larger screw on the long screw to better accommodate the knockout box
1998 Move the air tube to increase the downward angle to facilitate more self cleaning
1999 Move scavenge air tube back to it's original location, Reversed flow of material exiting the baghouse to have a parallel flow instead of a counter flow of air and dust. Relined the nockout box, installed a new water extraction system
2000 tested a new PTEF coated bag with no success
2002 installed a screw to reintroduce baghouse fines into the asphalt mix, no success

I have been diligent in collecting ideas and solutions from many people in the industry and trying many different solutions . With past personnel in your department our stack was always within tolerances. However we will try all of the above to achieve all that we can,

Thank you for your cooperation on this and all matters regarding air Quality.

Russell Crawford
General Manager

Russell Crawford

RECEIVED
OCT 16 2003
AQMD

COUNTY OF EL DORADO

ENVIRONMENTAL MANAGEMENT DEPARTMENT

EL DORADO COUNTY

ENVIRONMENTAL MANAGEMENT DEPARTMENT

Jon A. Morgan
Director

Environmental Health Division

Air Pollution Control District

Solid Waste & Hazardous Materials Division

Vector Control Division

PLACERVILLE OFFICE
2850 Fairlane Ct., Building 'C'
Placerville, CA 95667

Ph. 530.621.5300
Fax 530.642.1531
Fax 530.626.7130

SOUTH LAKE TAHOE OFFICE
3368 Lake Tahoe Blvd., Ste. 303
South Lake Tahoe, CA 96150

Ph. 530.573.3450
Fax 530.542.3364

August 29, 2003

Russell Crawford
General Manager
Tahoe Asphalt, Inc.
PO Box 8378
South Lake Tahoe, CA 96158

RE: **Tahoe Asphalt Inc. Site Inspection by the Air Quality Management District (District)**

Dear Russ,

Following is a summary of an inspection of your facility conducted on August 27, 2003, by Ron Vernesoni (Air Quality Engineer) and Marcella McTaggart (Air Pollution Control Officer). During the inspection several problems, requiring your prompt attention and follow-up, were noted:

1. Significant visible emissions from the baghouse stack were observed, especially during activation of the cleaning pulse. A well-operated and maintained baghouse serving a batch asphalt plant should be capable of continuous operation with no visible emissions during normal, non-upset conditions. In its current operating state, the baghouse may have difficulty passing a stack test.

2. Baghouse pressure drop gauge readings are abnormal for the application, and do not provide effective diagnostic information.

3. The drop-out box just upstream of the baghouse is laden with small holes in the external shell, allowing fugitive dust to escape into the environment. These holes also allow dilution air to enter the exhaust system, compromising the efficiency of the system. Furthermore, during stack testing, dilution air is prohibited.

4. Fugitive emissions were observed from shaker screen operation. This may be the result of faulty seals, or inadequate suction in the exhaust duct to the baghouse.

5. Plant roads were very dry, and windblown road dust was observed crossing your property line. This is prohibited in your Permit to Operate (PTO) for the aggregate plant.

As we explained during our visit, in order to opt out of the relatively onerous federal Title V Operating Permit program, your facility must apply for designation as a "synthetic minor" source, that is, an emission source that is not major, as defined in the Clean Air Act. We will provide technical assistance to you in preparing your application for designation as a synthetic minor.

As part of the process of obtaining designation as a synthetic minor, the Air Quality Management District (District) will issue completely new PTO's for your facility. These PTO's will ensure the facility is operated in such a manner that synthetic minor source status is maintained (such as the requirement to operate your baghouse at all times at a specified efficiency). Production rates at the plant should not be affected.

The new PTO's will include pressure drop and baghouse operating specifications, as well as stack testing requirements, necessitating significant improvements in the current operation of your facility. Therefore, you are requested to submit a plan to the District by **October 15, 2003**, detailing corrective actions that were taken, or are in the process to be implemented, to correct problems 1 through 5 above.

As per our discussions, the following PTO's will be temporarily extended for your facility.

PERMIT #	SOURCE	NEW EXPIRATION DATE
08-167-01	Batch asphalt plant with baghouse	11/30/03
05-657-01	Aggregate plant	11/30/03
15-1123-01	Internal combustion engine	11/30/03

This temporary PTO's extension is needed to allow time for implementation of the synthetic minor process, including modification of PTO conditions, and for your facility to complete and implement required site and equipment modifications and/or improvements. Actual renewed permits will not be forwarded to you at this time. This letter will serve as the only official notice you will need.

Please note that when the modified PTO's are issued, fees will be made retroactive to the former PTO expiration dates of the permits.

Thank you for your cooperation. Please contact me at 530-621-5306 if you have any questions.

Sincerely,

Marcella McTaggart
Air Pollution Control Officer

cc: R. Vernesoni
B. Douglass
File

EL DORADO COUNTY

ENVIRONMENTAL MANAGEMENT DEPARTMENT

on A. Morgan
Director

Environmental Health Division

Air Pollution Control District

Solid Waste & Hazardous Materials Division

Vector Control Division

'LACERVILLE OFFICE
2850 Fairlane Ct., Building 'C'
lacerville, CA 95667

n. 530.621.5300
ax 530.642.1531
ax 530.626.7130

SOUTH LAKE TAHOE OFFICE
68 Lake Tahoe Blvd., Ste. 303
uth Lake Tahoe, CA 96150

n. 530.573.3450
ax 530.542.3364

COUNTY OF EL DORADO
ENVIRONMENTAL MANAGEMENT DEPARTMENT

September 11, 2002

Mr. Russell Crawford
Tahoe Asphalt
P.O. Box 8378
South Lake Tahoe, CA 95667

Permit Number: 15-1123-01

SUBJECT: Request of Records for 2001 Calendar Year (January 1, 2001 through December 31, 2001)

The Air Pollution Control District (District) is requesting information for the emergency standby generator located at your facility. Your Air Pollution Permit to Operate will expire in **October 2002.** This information is necessary before your Permit can be renewed. It is a violation of District Rules and Regulations to operate without a valid Permit. Penalties can be assessed. Please provide the following information.

Total hours of operation during the **2001 calendar year** 12 14.4 ~~hours.~~ Gallons of Diesel

Please submit the requested information no later than **October 1, 2002**. This form may be faxed to (530) 642-1531. If you have any questions, please do not hesitate to telephone this office at (530) 621-6652.

Hours 1200

Regards,

Brenda C. Douglass

Brenda C. Douglass, Air Quality Engineer
Air Pollution Control District

cc: File

RECEIVED
SEP 2 : 2002
AIR POLLUTION

M:\Brenda\Tahoe Asphalt\RFI 2002- ICE.doc

COUNTY OF
EL DORADO

ENVIRONMENTAL MANAGEMENT DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

AIR POLLUTION CONTROL DISTRICT

SOLID WASTE & HAZARDOUS MATERIALS DIVISION

MAIN OFFICE:
2850 Fairlane Court
Placerville, CA 95667
(916) 621-5300

SOUTH LAKE TAHOE OFFICE:
3368 Lake Tahoe Blvd, #303
South Lake Tahoe, CA 96150
(916) 573-3450

December 20, 1994

RECEIVED
OCT 24 2013
AQMD

Tahoe Asphalt Incorporated
Mr. Russell Crawford
P.O. Box 8378
South Lake Tahoe, California, 96158

SUBJECT: AB2588 "HOT SPOTS" MODIFIED EMISSION INVENTORY PLAN - APPROVAL

Dear Mr. Crawford:

The El Dorado County Air Pollution Control District (APCD) has completed the review of your MODIFIED EMISSION INVENTORY PLAN submitted on July 1, 1994. Enclosed is a copy of the findings of the review. The APCD **APPROVES** the submitted plan with the following stipulated conditions:

1. Appendix D of the EMISSION INVENTORY CRITERIA AND GUIDELINES REGULATION PURSUANT TO THE AIR TOXICS "HOT SPOTS" INFORMATION AND ASSESSMENT ACT OF 1987, page D - 5, requires all asphaltic concrete production facilities to conduct source testing on the following:

   a. Full set of metals/ducted or as applicable in method.

   b. Benzene/ducted or as applicable in method.

2. Since the APCD has not determined the facility's status as a "small business", the facility operator is required to conduct source testing on the following:

   a. Polycyclic Aromatic Hydrocarbons (PAH)/ducted or as applicable in method as required in Appendix D of the EMISSION INVENTORY CRITERIA AND GUIDELINES REGULATION PURSUANT TO THE AIR TOXICS "HOT SPOTS" INFORMATION AND ASSESSMENT ACT OF 1987.

The approval of your facility's modified emission inventory plan (enclosed) does not relieve your facility from additional requirements required by the APCD for compliance with the **HOT SPOTS PROGRAM.** The Emission Inventory Report shall be submitted to the APCD within 180 days after **December 20, 1994**, the approval date of the plan and shall include a facility diagram; the results of all source tests, material analysis and other measurements performed; and completed copies of the necessary multiples of the four core reporting forms and the S-UP Form (Section 93320 EMISSION INVENTORY CRITERIA AND GUIDELINES REGULATION PURSUANT TO THE AIR TOXICS "HOT SPOTS" INFORMATION AND ASSESSMENT ACT OF 1987). If you have any questions, please do not hesitate to contact me at (916) 621-6662.

Respectfully,

Dennis Otani, Program Manager
Air Pollution Control District

Michael Donnelly

Michael Donnelly, REHS,
Air Quality Specialist

Enclosures

c:\wp51\work\TAHOASPHL.HS1

AB2588 AIR TOXICS EMISSION PLAN

RECE
JUL
ENVIRON
MANAGE

SUBMITTED TO:

Mike Gusseta
El Dorado County Air Pollution Control District
330 Fair Lane
Placerville, California 95667

SUBMITTED BUY:

Tahoe Asphalt Incorporated
P. O. Box 8378
South Lake Tahoe, California 96158
(916) 541-0133
(916) 577-1233
Contact Person Russell Crawford

SUBMITTED FOR:

Asphalt Production Facility
1104 Industrial Avenue South Lake Tahoe California
Signature of Responsible Person:
Name and Title of Responsible Person: Russell Crawford/Plant Manager
January 15, 1993
Revised 6-27-94

SOURCE IDENTIFICATION:
Attached is the flow diagram which shows all points of actual or potential emissions

Forms STK and DEV from Appendix B will be submitted for each stack and device in the completed inventory along with a facility diagram per Article 4 of the Guideline Regulation.

The maximum process rate (tons/hour) for each emission point will be supplied in the complete inventory. These points will include:

Hoppers	Conveyors	Baghouse	Mixer
Asphalt cement storage tanks		Oil Heater	
Equipment fuel storage tank			

SPECIFICATION OF EMISSION QUANTIFICATION METHODS:

Particulate emissions (non combustion)

A fraction of a fine product stockpile (1/4 x dust) will be collected . The Total Suspended Particulate (TSP) fraction is isolated by means of screening techniques, This will represent the portion of the production that could be released to the atmosphere.

The substances that will be identified through laboratory testing (and quantified) will include:

Asbestos
Silica
Metals:
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Copper
- Lead
- Manganese
- Mercury
- Nickel
- Selenium
- Zinc

Emissions of TSP from each point will be quantified using emission factors supplied by the District as follows:

Source	Emission Factor (lbs/ton)	Footnote
Aggregate Transfer (conveyors)	.029	b
Batch Drop to Load-out	.0037	a
Vehicle Traffic	.2	a

a Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources, AP-42 pg. 11.2.3-3, 11.2.3-4 (9/88).

b AP-42 pg. 8.19.1-3, 8.19.2-4 (9/85)

Maximum hourly emissions will be calculated in the following way:

Example #1

Emission Point	Maximum DSCF/hr	Emission Factor	Fraction Asbestos	Convert lbs/gr	Maximum lbs/hr

Example #2

Emission Point	Maximum Tons/hr	Emission Factor	Fraction Asbestos	Maximum lbs/hr

Annual average emissions will be calculated in the following way:

Example #3

Emission Point	DSCF/ Hour	Emission Factor	Annual Process hrs	Fraction Asbestos	Convert lbs/gr	Ave lbs/yr

Example #4

Emission Point	Tons/ Year	Emission Factor	Fraction Asbestos	Ave lbs/yr

Source of Emission Factors

Example #1	% by weight (or other) as determined by laboratory analysis
Example #2	% by weight (or other) as determined by laboratory analysis
Example #3	AP-42 pg. 8.19.2-4

Emissions From Asphalt

Emission points include:

Asphalt storage tanks

ACP Loadout

90% of production at this facility includes AR8000 grade of asphalt cement. Consequently, a sample of AR8000 will be submitted to a qualified laboratory for analysis of the following substances:

Benzene
Formaldehyde
PAHs
Toluene
TCA
Xylene
Metals
  arsemic
  beryllium
  cadmium
  chromium
  copper
  lead
  manganese
  mercury
  nickle
  selenium
  zinc

EMISSIONS FROM COMBUSTION PROCESSES

Combustion processes at the plant include:

Heater

Burners

Form S-CMB in Appendix B will Be submitted for each combustion device

The substances listed below will be quantified by the fuel supplier, WP Natural Gas (Natural Gas)

Methane, Ethane, Propane, Butane (iso), Butane (normal) , Nitrogen, carbon dioxide

FUGITIVE EMISSIONS

Fugitive emissions will be addressed from all emission points including:

Smoke and vapors- information will be supplied by asphalt supplier (Huntway)

Russell Crawford
Plant Manager

TAHOE ASPHALT INC.
P.O. Box 8378
So. Lake Tahoe
CA.96158
916 541 0133

Emission Inventory Plan
Page 2A

SOURCE IDENTIFICATION:
Following is a numbered list of sources taken from the flow diagram. Sources are grouped by type of emissions produced at the end of each list will be an example of calculations to quantify the emissions.
FD 1 Agg Feed Bins
FD 2 Equipment Travel
FD 3 Agg Dryer *
FD 4 Agg Screens *
FD 5 Agg Hot Bins *
The Substances to be tested for are listed under Particulate Emissions.
Calculating these will be done in the following manner.
We will us data from Air Pollution Factors, Volume I Stationary Point and Area Sources, AP-42 This will give us the rate per production values that we will calculate our own emissions from. The above astiriked items are captured by the baghouse and are shown but need not be quantified as they do not produce pollutants unless there is an upset condition.

DE 1 Diesel Combustion in equipment
This will be quantified by using the number of hours per year of equipment usage and using ARB data on diesel combustion emissions.

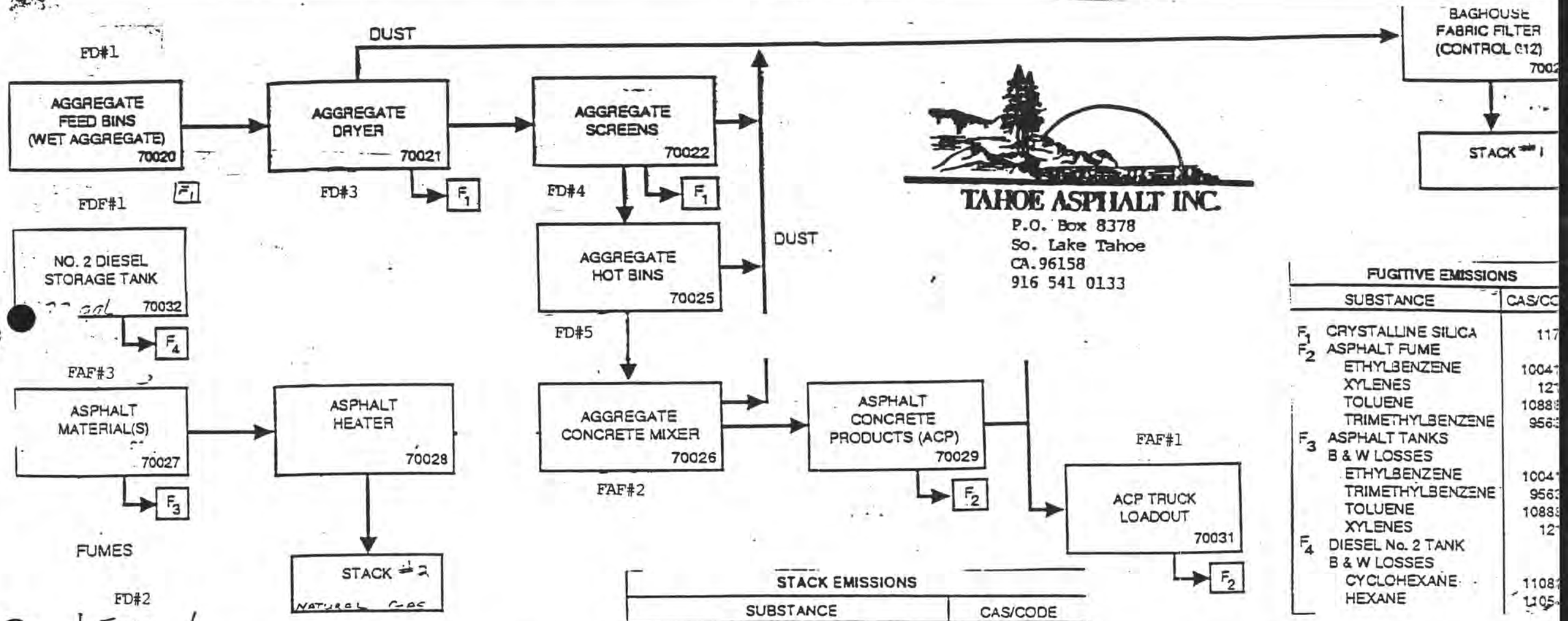
FDF 1 Fugitive Diesel Fumes
Breathing and evaporation losses will be calculated using ARB data on the losses calculated on either the tank size and or the average fuel loading in the tank

FAF 1 Fugitive Asphalt Fumes at Truck Loadout
FAF 2 Fugitive Asphalt Fumes at Agg Mixer
FAF 3 Fugitive Asphalt Fumes (B&E losses) Asphalt Tank
FAF 1&2 will be calculated using ARB and industry information per production rates and then calculating per our production
FAF 3 will be calculated using ARB standards of B&E losses by either the size of tank and or the average load in the tank.

Stack 1 Baghouse
This will be quantified by using ARB and industry standards for Like kind of Baghouses and calculating the data to represent our production rates.
Stack 2 Asphalt Tank Heater
We will use a five year average of fuel consumption per asphalt production to calculate using local gas company data a per ton emission of listed subtstances.

Tahoe Asphalt Qualifies under California business code as a small business and therefor is exempt from source testing. We will quantify and justify our calculations and data to the district.

Tahoe Asphalt has trade secrets, These include but are not limited to Mix designs and aggregate sources in relation to individual mix designs.



TAHOE ASPHALT INC.
P.O. Box 8378
So. Lake Tahoe
CA.96158
916 541 0133

FUGITIVE EMISSIONS	
SUBSTANCE	CAS/CO
F_1 CRYSTALLINE SILICA	117
F_2 ASPHALT FUME	
ETHYLBENZENE	1004
XYLENES	12
TOLUENE	1088
TRIMETHYLBENZENE	956
F_3 ASPHALT TANKS	
B & W LOSSES	
ETHYLBENZENE	1004
TRIMETHYLBENZENE	956
TOLUENE	1088
XYLENES	12
F_4 DIESEL No. 2 TANK	
B & W LOSSES	
CYCLOHEXANE	1108
HEXANE	1105

STACK EMISSIONS	
SUBSTANCE	CAS/CODE
DIESEL No. 2 COMBUSTION BY-PRODUCTS, i.e., BENZENE AND OTHERS	71432
CRYSTALLINE SILICA	1175
SPECIATED POMs	
ANTHRACENE	120127
CHRYSENE	218019
BENZ[a]ANTHRACENE	56553
7,12-DIMETHYLBENZ[a]ANTHRACENE	57976
BENZO[b]FLUORANTHENE	205992
BENZO[a]PYRENE	50328
3-METHYLCHOLANTHRENE	56495
DIBENZ[a, h]ANTHRACENE	53703
INDENO[1, 2, 3-cd]PYRENE	193395
7H-DIBENZO[c, g]CARBAZOLE	194592
DIBENZO[a, h]PYRENE	189640
DIBENZO[a, i]PYRENE	189559

STACK EMISSIONS	
SUBSTANCE	CAS
DIESEL No. 2 COMBUSTION BY-PRODUCTS, i.e., BENZENE AND OTHERS	71432
PROPANE COMBUSTION BY-PRODUCTS	
BENZENE	71432
CYCLOHEXANE	110827
FORMALDEHYDE	50000
TOLUENE	108883

FAF

Fugative Asphalt Fumes = F.A.F
Fugative Dust = F.D.
Diesel Combustion Emissions = D.E.

EMISSION INVENTORY PLAN

Asphalt Concrete Plant

Date: August 1, 1989

Facility: Granite - Bradshaw Facility

Operator: Granite Construction Company

Address: 4291 Bradshaw Road

City/State/Zip: Sacramento, CA 95827

Contact: Scott Wolcott / Ric Skinner

Telephone: (916) 451-6531

Dear Sacramento Metropolitan Air Quality Management District:

The following is Granite Construction Company's Emission Inventory Plan as required by California Health & Safety Code Section 44340, to satisfy the requirements of AB2588.

1. SOURCE IDENTIFICATION:

   Attached is the flow diagram which shows all points of actual or potential emissions (see Exhibit "A").

   Forms STK and DEV from Appendix B will be submitted for each stack and device in the completed inventory along with a facility diagram per Article 4 of the Guideline Regulation.

   The maximum process rate (tons/hour) for each emission point will be supplied in the complete inventory. These points will include:

   Hoppers Conveyor transfer points Baghouse Mixer

   Asphalt concrete storage bins Asphalt cement storage

   tanks Oil heater

2. SPECIFICATION OF EMISSION QUANTIFICATION METHODS:

A. PARTICULATE EMISSIONS (NON-COMBUSTION)

A fraction of a fine product stockpile (1/4 x dust) will be collected (this is a 100% crushed product). The Total Suspended Particulate (TSP) fraction is isolated by means of screening techniques. This will represent the portion of the production that could be released to the atmosphere.

The substances that will be identified through laboratory testing (and quantified) will include:

Asbestos
Silica
Metals:
- Arsenic
- Beryllium
- Cadmium
- Chromium (including total & hexavalent chromium)
- Copper
- Lead
- Manganese
- Mercury
- Nickel
- Selenium
- Zinc

This facility intends to pool the crushed product analysis with Teichert Aggregates (Jackson Hwy. Facility) and Sacramento Aggregates (Mayhew/Jackson Hwy Facility). Granite Construction Company, Teichert Aggregates and Sacramento Aggregates are mining the same American River Deposit. The deposit is identified in the attached Exhibit "B" as an MRZ-2 region. Exhibit "B" is an excerpt of special Report 156 from the California Department of Conservation, Division of Mines and Geology, documenting that the locations being mined are substantially similar. See also Exhibit "C", Bulletin 180 from the California Division of Mines and Geology, identifying the locations being mined.

Emissions of TSP from each point will be quantified using emission factors supplied by the District as follows:

Source	Emission Factor (lbs/ton)
Aggregate Transfer (conveyors)	.029[b]
Batch Drop to Load-out	.0037[a]
Aggregate Storage Piles	Footnote[c]
Vehicle traffic	
Footnotes:	.2[a]

[a] Compilation Of Air Pollutant Emission Factors, Volume I, Stationary Point And Area Sources, AP-42, pg. 11.2.3-3, 11.2.3-4 (9/88).
[b] AP-42 pg. 8.19.1-3, 8.19.2-4 (9/85).
[c] These are included in the Emission Inventory Plan for the Aggregate Plant at the same facility.

Maximum hourly emissions will be calculated in the following way:

Example #1

Emission Point	Maximum DSCF/hr		Emission Factor[1]		Fraction Asbestos[2]		Convert lbs/gr		Maximum lbs/hr
Baghouse	1980000	x	.03	x	.00003	x	(1/7000)	=	2.55×10^{-4}

Example #2

Emission Point	Maximum Tons/hr		Emission Factor[3]		Fraction Asbestos[2]		Maximum lbs/hr
Conveyor	500	x	.029	x	.00003	=	4.35×10^{-4}

Annual average emissions will be calculated in the following way:

Example #1

Emission Point	DSCF/ Hour		Emission Factor[1]		Annual Process hrs		Fraction Asbestos[2]		Convert lbs/gr		Ave lbs/yr
Baghouse	1980000	x	.03	x	1600	x	.00003	x	(1/7000)	=	0.4

Example #2

Emission Point	Tons/ Year		Emission Factor[3]		Fraction Asbestos[2]		Ave lbs/yr
Conveyor	500000	x	.029	x	.00003	=	0.435

Footnotes:

[1] Emission factor determined Modified EPA Method 5 (grains/DSCF)

[2] % by weight (or other) as determined by laboratory analysis

[3] AP-42, pg. 8.19.2-4 (9/85)

B. EMISSIONS FROM ASPHALT

Emission points include:

Asphalt storage tanks Asphalt concrete storage bins

Conveyors

95% of production at this facility includes AR4000 grade of asphalt cement. Consequently, a sample of AR4000 will be submitted to a qualified laboratory for analysis of the folowing substances:

Substance

Benzene
Formaldehyde
PAHs
Toluene
TCA (Methyl chloroform)
Xylene
Metals:
- Arsenic
- Beryllium
- Cadmium
- Chromium (including total & hexavalent chromium)
- Copper
- Lead
- Manganese
- Mercury
- Nickel
- Selenium
- Zinc

This will be a pooled analysis in conjunction with Teichert Aggregates (Jackson Hwy. Facility), Industrial Asphalt (Sunrise Blvd. Facility) and R.C. Collet (Rio Linda Facility).

C. EMISSIONS FROM COMBUSTION PROCESSES

Combustion processes at the asphalt plant include:

Heaters Burners

Form S-CMB in Appendix B will be submitted for each combustion device.

The substances listed below will be quantified by the fuel supplier, Pacific Gas and Electric (natural gas fuel):

Methane, Ethane, Propane, Butane (iso), Butane (normal), Nitrogen, Carbon Dioxide

D. FUGITIVE EMISSIONS

Fugitive emissions will be addressed from all emission points including:

Smoke & vapors - information will be supplied by asphalt cement suppliers (Chevron, Huntway or Shell).

Granite Construction Company has adopted the generic plan developed by the Sacramento Metropolitan Air Quality Management District as it applies to the above referenced facility.

Scott D. Wolcott

Scott Wolcott

Granite Construction Company
Permits & Project Engineer