

AIR CP_108711193_C1 20180226_Investigation
Texas Commission on Environmental Quality
Investigation Report

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Customer: Cowtown Redi Mix, Inc.
Customer Number: CN602718157

Regulated Entity Name: COWTOWN PLANT 5

Regulated Entity Number: RN108711193

Investigation # 1473172

Incident Numbers

279013

Investigator: GREG JONES

Site Classification MINOR SOURCE

Conducted: 02/26/2018 -- 02/26/2018

SIC Code: 3273

Program(s): AIR NEW SOURCE PERMITS

Investigation Type: Compliance Investigation

Location: FROM THE INTERSECTION OF STEWART ROAD AND HIGHWAY 5 TRAVEL SOUTHWEST 400 FEET TO SITE ENTRANCE LOCATED ON THE SOUTH SIDE OF THE ROAD

Additional ID(s): 960815M
134697

Address: ,
, ,

Local Unit: REGION 04 - DFW METROPLEX

Activity Type(s): AIRCOMPL - AIR CMPL - AIR COMPLAINT INV

Principal(s):

Role	Name
RESPONDENT	COWTOWN REDI MIX INC

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY CONTACT	MAINTENANCE MANAGER	MR RUBEN GUTIEREZ	Cell (682) 221-4585
REGULATED ENTITY CONTACT	SALES MANAGER	MR MAX ULRICH	Work (817) 759-1919

Other Staff Member(s):

Role	Name
Supervisor	KIMBERLI FOWLER

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
AIR COMPLAINT INVESTIGATION	CMPL
EQUIPMENT MONITORING AND SAMPLING - REVISED 3/2015	EQUIPMENT

COPY

Investigation Comments:

INTRODUCTION

On February 26, 2018, Mr. Greg Jones, Environmental Investigator (investigator), of the Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth (DFW) Region office, conducted an Air Complaint Investigation (AIRCOMPL) at Cowtown Redi Mix, Inc. (Cowtown), Cowtown Plant 5 (CP5, plant, facility, site), located at 2105 S McDonald Street in McKinney, Collin County, Texas. CP5 is a permanent concrete batch plant. CP5 is authorized by TCEQ Air Quality Standard Permit for Concrete Batch Plants, Registration No. 134697, issued October 28, 2015.

The purpose of this investigation was to investigate a complaint, Incident No. 279013, which was submitted to the TCEQ DFW Region office via email on February 19, 2018. The complainant alleged that CP5 was creating excess dust. The complainant alleged that the facility was conducting operations that they are not permitted to conduct. The complainant alleged that the regulated entity was operating a concrete recycling facility without authorization.

On February 22, 2018, Mr. Jones called the complainant to discuss the complaint and the investigation. There was no answer and no option to leave a voicemail.

On February 26, 2018, the investigator called the complainant and discussed the complaint and the upcoming investigation. Mr. Jones informed the complainant that he would be investigating their air quality and authorization allegations regarding the plant.

On March 27, 2018, Mr. Jones replied to emails from the complainant with an update.

The participants of the on-site investigation were Mr. Jones and Mr. Ruben Gutierrez, Cowtown Maintenance Manager. Mr. Max Ulrich, Cowtown Sales Manager, was the regulated entity mail contact.

Daily Narrative

On February 26, 2018, Mr. Jones arrived in the area near CP5 at approximately 2:20 p.m. and observed the plant from off-site. Mr. Jones did not observe any visible emissions from the site.

Mr. Jones arrived in the area near the complainant's property at approximately 2:30 p.m. At that time the temperature was approximately 63°F, the wind was from the east-southeast at approximately seven to eight miles per hour, and the sky was clear and sunny with no precipitation. The investigator observed surfaces of stationary outdoor objects near the complainant's property. There was very little, if any, visible dust on the surfaces. The investigator attempted to take tape lift samples, but the samples lifted very little to no particulate matter from the surfaces. Recent heavy rain may have cleared particulate matter from the surfaces of the stationary objects.

Mr. Jones went on-site at CP5 at approximately 3:37 p.m. and met with Mr. Gutierrez. Mr. Jones explained the complaint and the nature of the investigation. Mr. Jones conducted a walkthrough of the site accompanied by Mr. Gutierrez. The concrete batch plant was not operating at the time. The road surfaces at the plant were clean. There was no crusher located on-site. The investigator observed no visible emissions from the batch plant, stockpiles, or other sources on-site. Mr. Jones confirmed that CP5 was authorized to operate the concrete batch plant on-site by TCEQ Air Quality Standard Permit for Concrete Batch Plants, Registration No. 134697.

The investigator informed Mr. Gutierrez that no violations had been noted as a result of the investigation at that time. Mr. Jones departed CP5 at approximately 3:57 p.m.

Exit Interview

During the on-site investigation on February 26, 2018, Mr. Jones discussed the results of the investigation at that time with Mr. Gutierrez and gave him a TCEQ Customer Satisfaction Survey.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Washed sand and gravel are delivered by trucks and stockpiled at the facility. The stockpiled aggregate is

sprinkled with water as needed for dust control. When needed for production, the aggregate is moved via a front-end loader to the conveyor that leads to the aggregate bin from where the aggregate drops into the weigh batcher. After weighing, each batch drops into the rotating drums of the mixer trucks.

Cement/fly ash is pneumatically conveyed from delivery tankers into the cement silo(s). Remaining in total enclosure, the cement is then gravity dropped from the silo into the cement weigh batcher. The weighed cement batch is then gravity dropped into the rotating drums of mixer trucks. A vent style bag house is used for particulate matter control of cement dust from the silo. Aggregate and cement emissions at the truck drop point are vented to a central dust collector through a suction shroud.

BACKGROUND

Compliance History

RE Name: Cowtown Plant 5 RN: RN108711193
Classification: Unclassified Rating: 0 Publication Date: November 15, 2017
Customer Name: Cowtown Redi Mix Inc CN: CN602718157
Classification: Satisfactory Rating: 5.00 Publication Date: November 15, 2017

Agreed Orders, Court Orders, and Other Compliance Agreements

No violations were issued during this investigation.

Prior Enforcement Issues

No violations were issued during this investigation.

Complaints

The complaint that initiated this investigation, Incident No. 279013, was the only complaint received for this regulated entity in the last two years related to air quality.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

No violations have been noted as a result of the investigation at this time. Close Incident No. 279013. Send an Alleged Source Letter (ASL) to Cowtown and a copy of the final report to the complainant.

Additional Issues

None.

No Violations Associated to this Investigation

Signed

Greg Jones

Environmental Investigator

Date

4/17/18

Signed

[Signature]

Supervisor

Date

4/17/18

Attachments: (in order of final report submittal)

Enforcement Action Request (EAR)

Letter to Facility (specify type) : ASL

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify) :

AIR CP_108711193_CP_20180419_INVESTIGATION
Texas Commission on Environmental Quality
Investigation Report

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov

Customer: Cowtown Redi Mix, Inc.
Customer Number: CN602718157

Regulated Entity Name: COWTOWN PLANT 5

Regulated Entity Number: RN108711193

Investigation # 1484663	Incident Numbers 281812
Investigator: ARCHER CHATTIN	Site Classification MINOR SOURCE
Conducted: 04/12/2018 -- 04/19/2018	SIC Code: 3273
Program(s): AIR NEW SOURCE PERMITS	
Investigation Type: Compliance Investigation	Location: FROM THE INTERSECTION OF STEWART ROAD AND HIGHWAY 5 TRAVEL SOUTHWEST 400 FEET TO SITE ENTRANCE LOCATED ON THE SOUTH SIDE OF THE ROAD
Additional ID(s): 960815M 134697	
Address: ,	Local Unit: REGION 04 - DFW METROPLEX
	Activity Type(s): AIRCOMPL - AIR CMPL - AIR COMPLAINT INV

Principal(s):

Role	Name
RESPONDENT	COWTOWN REDI MIX INC

Contact(s):

Role	Title	Name	Phone
PARTICIPATED IN	PLANT MANAGER	WESLEY CARPENTER	
REGULATED ENTITY CONTACT	OWNER	MR SAM SHMAISANI	Fax (817) 759-1716 Phone (817) 759-1919

Other Staff Member(s):

Role	Name
QA Reviewer	KIMBERLI FOWLER
Supervisor	KIMBERLI FOWLER

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
AIR COMPLAINT INVESTIGATION	CMPL
AIR INVESTIGATION - EQUIPMENT	EQUIP
MONITORING AND SAMPLING revised 06/2013	

Investigation Comments:

INTRODUCTION

On April 12, 2018, and April 19, 2018, Ms. Archer Chattin, Environmental Investigator ('Investigator') of the Texas Commission on Environmental Quality (TCEQ), Dallas/Fort Worth (DFW) Region office, conducted an Air Quality Complaint (AIR-CMPL) investigation at the Cowtown Redi Mix Plant 5 ('Cowtown', 'site,' 'plant,' 'facility,' 'regulated entity') located at 2005 S McDonald St, McKinney, Collin County, Texas.

The investigation was conducted in response to an anonymous complaint, Incident No. 281812, received on March 27, 2018. The complainant alleged that steam and dust from the facility was impacting their property. On April 9, 2018, Ms. Chattin contacted the complainant to discuss the investigation. The complainant stated that Cowtown and other facilities nearby had expanded a lot recently and were creating dust issues, excessive noise, bright lights at night, and traffic problems. The complainant also expressed concerns related to water runoff and open standing water. The investigator discussed the limitations of her jurisdiction and informed the complainant that noise, lights, and traffic were not issues the TCEQ could investigate and that the water concerns would be handled through the TCEQ water section. The investigator referred the complainant to local police for issues of noise, lights, and traffic. The complainant also expressed concerns about the Martin Marietta facility next to Cowtown. These concerns are addressed in Investigation No. 1484771.

The purpose of the investigation was to determine if Cowtown was operating in compliance with applicable state and federal air quality regulations and to evaluate potential nuisance conditions. According to agency records, Cowtown is registered under Standard Permit Registration No. 134697 for Concrete Batch Plants and is operated as a permanent plant. Mr. Wesley Carpenter, Plant Manager for Cowtown Plant 5, and Mr. Sam Shmaisani, Owner of Cowtown Plant 5 participated in the investigation.

Daily Narrative

On April 12, 2018, the investigator arrived in the vicinity of the regulated entity at 9:20 am and took weather readings using an anemometer. The temperature was 66 degrees Fahrenheit with 56% humidity and wind from the south at an average of 25 miles per hour. Ms. Chattin met with the complainant, discussed the investigation, did a walkthrough of their property and took pictures. The investigator observed dust on the property but was unable to determine the source or composition. Ms. Chattin left the complainant and arrived near the Cowtown Plant 5 entrance at 11:04. Upon entering the facility Ms. Chattin observed material from stockpiles on the Cowtown property being blown offsite continuously. Ms. Chattin made contact with Mr. Carpenter, presented credentials and discussed the purpose of the investigation. Ms. Chattin asked to see a copy of the facility's authorization, all applicable records, and proof of start of construction and start of operation. Mr. Carpenter provided a copy of the Standard Permit, facility throughput records, facility cleaning and watering logs. Mr. Carpenter could not locate a copy of the start of construction and operation notice or records of quarterly visible emissions observations. Ms. Chattin observed the property from the batch house for approximately 40 minutes and observed multiple instances of visible emissions leaving the property for more than 30 seconds. This is a violation of Permit No. 134697 condition 5(H). This is a category B18(g)(1) violation and is classified as moderate. Ms. Chattin provided Mr. Carpenter with an Exit Interview Form noting one alleged violation for failure to prevent visible emissions from leaving the property and two records requests for a copy of the start of construction and operation and records of quarterly visible emissions observations (see Attachment 2: Exit Interview Forms). Ms. Chattin left the facility at 12:23 pm.

On April 16, 2018, Mr. Shmaisani contacted the investigator to discuss the records requested. Mr. Shmaisani informed Ms. Chattin that the facility had not been conducting quarterly visible emissions observations due to a misunderstanding with their consultant and that they had not realized they were required to submit a start of construction and operation notice when the facility was constructed in October of 2016. Failure to conduct and record Quarterly Visible Emissions Observations is a violation of Permit No. 134697 condition 5(H) and is category B18(g)(1) violation classified as moderate. Failure to provide start of construction and start of operation notifications is a violation of 30 TAC 116.615(4) and (5). This is a category B9 violation and is classified as moderate. Ms. Chattin provided an updated exit interview form to Mr. Shmaisani via email on April 16, 2018 (see Attachment 2: Exit Interview Forms).

On April 19, 2018, Ms. Chattin arrived in the vicinity of the complainant's property at approximately 11:40 am. The investigator met with the complainant and conducted a walkthrough of their property, during which Ms. Chattin observed heavier coatings of dust on surfaces than had been present on April 12, 2018. Ms. Chattin observed that some of the dust was composed of pollen but could not determine what other materials were

present. Ms. Chattin collected tape lift samples at the complainant's property for additional analysis. Ms. Chattin arrived in the vicinity of Cowtown Plant 5 at approximately 12:05 pm. Ms. Chattin observed the property for ten minutes and observed little to no visible emissions leaving the property during that time, however visible emissions were seen being emitted from the stockpiles when disturbed and visible emissions were seen when truck entered and exited the site using a driveway shared with the Martin Marietta and Lhoist facilities. The Cowtown facility should ensure that appropriate responsibility be taken to put in place measures to mitigate emissions coming from shared traffic areas. This will be noted as an additional issue. Ms. Chattin left the area at 12:15 pm. The results from tape lift samples collected on April 19, 2018, have not been received by the investigator as of the date of this report and so will be addressed in a follow-up investigation when available.

Exit Interview

On April 16, 2018, Ms. Chattin informed Mr. Shmaisani of the results of the investigation.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Cowtown Redi Mix Plant 5 is a permanent concrete batch plant. Washed raw aggregate materials are hauled to site in covered trucks. Aggregates are loaded into aggregate bins using front-end loaders. Cement and fly ash are pumped to pigs from delivery trucks using a closed air hose pumping system. Cement is moved via air hose from pig to cement silo. Fly ash is moved from pig to fly ash silo via air hose. Aggregate bins and silos feed to discharge point. Emissions for aggregates, cement, and fly ash are handled by the central dust collection system and the silo collectors.

BACKGROUND

Compliance History

RE Name: Cowtown Plant 5 RN: RN108711193

Classification: Unclassified Rating: 0 Publication Date: November 15, 2017

Customer Name: Cowtown Redi Mix Inc CN: CN602718157

Classification: Satisfactory Rating: 5.00 Publication Date: November 15, 2017

Agreed Orders, Court Orders, and other Compliance Agreements

No agreed orders, court orders, or other compliance agreements exist regarding this facility in the last five years.

Prior Enforcement Issues

There have been no prior enforcement issues for this facility in the last five years.

Complaints

The TCEQ DFW Region office has received one other air quality related complaint regarding this facility in the last five years.

Incident No. 279013 was received on February 19, 2018. The complainant alleged that the facility was creating excessive dust and operating a concrete recycling facility that was not authorized. This complaint was addressed in Investigation No. 1473172 and resulted in no violations.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

Three violations were noted as a result of this investigation. A notice of violation will be sent to the facility and a copy of the report will be sent to the complainant. Nuisance conditions could not be substantiated based on the preponderance of evidence available at this time. Tape lift sample analysis and results will be evaluated in a follow-up investigation when the data are available. Close Incident No. 281812.

Additional Issues.

On April 19, 2018, the investigator noted that visible emissions were seen when Cowtown Redi Mix trucks entered and exited the site using a driveway shared with the Martin Marietta and Lhoist facilities. The Cowtown facility should ensure that appropriate responsibility be taken to put in place measures that mitigate emissions coming from shared traffic areas.

NOV Date 06/14/2018 **Method** WRITTEN

OUTSTANDING ALLEGED VIOLATION(S)

ASSOCIATED TO A NOTICE OF VIOLATION

COWTOWN PLANT 5 - MCKINNEY

4/12/2018 to 4/19/2018 Inv. # - 1484663

Page 4 of 5

Track Number: 677953

Compliance Due Date: 07/14/2018

Violation Start Date: 4/16/2018

30 TAC Chapter 116.115(c)
5C THSC Chapter 382.085(b)

PERMIT , 134697, Condition 5(H)

Alleged Violation:

Investigation: 1484663

Comment Date: 05/30/2018

Failure to prevent visible emissions from leaving the property. During an investigation on April 12, 2018, the investigator observed material from stockpiles on the Cowtown property being blown off property almost continuously. According to the Standard Permit for concrete Batch Plants, there shall be no visible fugitive emissions leaving the property, thus this is a violation of the permit condition.

Recommended Corrective Action: Provide a written description of corrective actions taken to address this violation within 30 days of the Notice of Violation Letter.

Track Number: 677959

Compliance Due Date: 07/14/2018

Violation Start Date: 10/28/2015

30 TAC Chapter 116.115(c)
5C THSC Chapter 382.085(b)

PERMIT , 134697, Condition 5(H)

Alleged Violation:

Investigation: 1484663

Comment Date: 05/30/2018

Failure to perform and record Quarterly Visible Emissions Observations. During an investigation on April 12, 2018, the investigator requested records of Quarterly Visible Emissions observations required by Permit No 134697 Condition 5(H). While trying to fulfill this request, Cowtown determined that the facility had not been conducting Visible Quarterly Emissions Observations, and therefore did not have records of any. This is violation of the permit condition.

Recommended Corrective Action: Provide a written description of corrective actions taken to address this violation within 30 days of the Notice of Violation letter.

Track Number: 677981

Compliance Due Date: 07/14/2018

Violation Start Date: 10/28/2015

30 TAC Chapter 116.115(b)(2)(B)(i)
30 TAC Chapter 116.115(b)(2)(E)(iv)
30 TAC Chapter 116.115(b)(2)(E)(v)
5C THSC Chapter 382.085(b)

Alleged Violation:

Investigation: 1484663

Comment Date: 05/30/2018

Failure to provide start of construction and start of operation notification to the Region Office. During an

investigation on April 12, 2018, the investigator requested records of start of construction and start of operation notifications required to have been submitted to the region office within 15 days of each event. While attempting to fulfill the request the Cowtown facility determined that the notifications had not been sent. This is a violation of the permit conditions.

Recommended Corrective Action: Please provide a written description of corrective actions taken to address this violation within 30 days of the Notice of Violation Letter.

Additional Issues

Description Item 4

Additional Comments

On April 19, 2018, the investigator noted that visible emissions were seen when Cowtown Redi Mix trucks entered and exited the site using a driveway shared with the Martin Marietta and Lhoist facilities. The Cowtown facility should ensure that appropriate responsibility be taken to put in place measures that mitigate emissions coming from shared traffic areas.

Signed

Environmental Investigator

Date

6/4/18

Signed

Supervisor

Date

6/8/18

Attachments: (in order of final report submittal)

Enforcement Action Request (EAR)

Letter to Facility (specify type) : NOV

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify) :

1: Exit Interview Forms

TCEQ

DFW Region



Attachment 1 **Exit Interview Forms**

Cowtown Plant 5 – RN108711193
Cowtown Redi Mix Inc – CN602718157

Investigation No.: 1484663
Investigation Date: 4/16/18 – 4/19/18

Pages: 2

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Requested

Regulated Entity/Site Name		TCEQ Add. ID No. RN No. (optional)	
Investigation Type		Contact Made In-House (Y/N)	Purpose of Investigation
Regulated Entity Contact		Telephone No.	Date Contacted
Title		Fax No.	Date Faxed

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue		For Records Request: identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues: include the rule in question with the clearly described potential problem. Other type of issues: fully describe.
No.	Type ¹	Rule Citation (if known)
1	RR	110.615(4)(5) Start of construction & start of operation. — by 4/24/18
2	RR	SP # Quarterly Visible Emissions Observations Records
3	AV	SP (H) Failure to prevent visible emissions from leaving the property

Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity; therefore, signature not required.

<i>Armer Smith</i>	Investigator Name (Signed & Printed)	Date	Regulated Entity Representative Name (Signed & Printed)	Date
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If you have questions about any information on this form, please contact your local TCEQ Regional Office. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512-239-3282.

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

Regulated Entity/Site Name Cowntown Plant 5		TCEQ Add. ID No. RN No (optional)	
Investigation Type	CMPL	Contact Made In-House (Y/N)	Purpose of Investigation
Regulated Entity Contact	Sam Shumaisani	Telephone No.	Date Contacted
		FAX #/Email address	FAX/Email date

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and *does not represent final TCEQ findings related to violations*. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation-report.

Issue	For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.		
No.	Type ¹	Rule Citation (if known)	Description of Issue
1	AV	P# 134697 SC 5(H)	Failure to prevent Visible Emissions from leaving the property.
2	AV	P# 134697 SC 5(H)	Failure to perform and record Quarterly Visible Emissions Observations.
3	AV	116.115(b)(2)(E)(4)&(5)	Failure to provide start of construction and start of operation notification to the Region Office

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.	
Archer Chattin	4/16/18
Investigator Name (Signed & Printed)	Date
Regulated Entity Representative Name (Signed & Printed)	Date

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Texas Commission on Environmental Quality
Investigation Report

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Customer: Cowtown Redi Mix, Inc.
Customer Number: CN602718157

Regulated Entity Name: COWTOWN PLANT 5
Regulated Entity Number: RN108711193

Investigation # 1473172

Incident Numbers

279013

Investigator: GREG JONES

Site Classification MINOR SOURCE

Conducted: 02/26/2018 -- 02/26/2018

SIC Code: 3273

Program(s): AIR NEW SOURCE PERMITS

Investigation Type: Compliance Investigation

Location: FROM THE INTERSECTION OF STEWART ROAD AND HIGHWAY 5 TRAVEL SOUTHWEST 400 FEET TO SITE ENTRANCE LOCATED ON THE SOUTH SIDE OF THE ROAD

Additional ID(s): 960815M
134697

Address: ,
, ,

Local Unit: REGION 04 - DFW METROPLEX

Activity Type(s): AIRCOMPL - AIR CMPL - AIR COMPLAINT INV

Principal(s):

Role	Name
RESPONDENT	COWTOWN REDI MIX INC

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY CONTACT	MAINTENANCE MANAGER	MR RUBEN GUTIEREZ	Cell (682) 221-4585
REGULATED ENTITY CONTACT	SALES MANAGER	MR MAX ULRICH	Work (817) 759-1919

Other Staff Member(s):

Role	Name
Supervisor	KIMBERLI FOWLER

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
AIR COMPLAINT INVESTIGATION	CMPL
EQUIPMENT MONITORING AND SAMPLING - REVISED 3/2015	EQUIPMENT

COPY

Investigation Comments:

INTRODUCTION

On February 26, 2018, Mr. Greg Jones, Environmental Investigator (investigator), of the Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth (DFW) Region office, conducted an Air Complaint Investigation (AIRCOMPL) at Cowtown Redi Mix, Inc. (Cowtown), Cowtown Plant 5 (CP5, plant, facility, site), located at 2105 S McDonald Street in McKinney, Collin County, Texas. CP5 is a permanent concrete batch plant. CP5 is authorized by TCEQ Air Quality Standard Permit for Concrete Batch Plants, Registration No. 134697, issued October 28, 2015.

The purpose of this investigation was to investigate a complaint, Incident No. 279013, which was submitted to the TCEQ DFW Region office via email on February 19, 2018. The complainant alleged that CP5 was creating excess dust. The complainant alleged that the facility was conducting operations that they are not permitted to conduct. The complainant alleged that the regulated entity was operating a concrete recycling facility without authorization.

On February 22, 2018, Mr. Jones called the complainant to discuss the complaint and the investigation. There was no answer and no option to leave a voicemail.

On February 26, 2018, the investigator called the complainant and discussed the complaint and the upcoming investigation. Mr. Jones informed the complainant that he would be investigating their air quality and authorization allegations regarding the plant.

On March 27, 2018, Mr. Jones replied to emails from the complainant with an update.

The participants of the on-site investigation were Mr. Jones and Mr. Ruben Gutierrez, Cowtown Maintenance Manager. Mr. Max Ulrich, Cowtown Sales Manager, was the regulated entity mail contact.

Daily Narrative

On February 26, 2018, Mr. Jones arrived in the area near CP5 at approximately 2:20 p.m. and observed the plant from off-site. Mr. Jones did not observe any visible emissions from the site.

Mr. Jones arrived in the area near the complainant's property at approximately 2:30 p.m. At that time the temperature was approximately 63°F, the wind was from the east-southeast at approximately seven to eight miles per hour, and the sky was clear and sunny with no precipitation. The investigator observed surfaces of stationary outdoor objects near the complainant's property. There was very little, if any, visible dust on the surfaces. The investigator attempted to take tape lift samples, but the samples lifted very little to no particulate matter from the surfaces. Recent heavy rain may have cleared particulate matter from the surfaces of the stationary objects.

Mr. Jones went on-site at CP5 at approximately 3:37 p.m. and met with Mr. Gutierrez. Mr. Jones explained the complaint and the nature of the investigation. Mr. Jones conducted a walkthrough of the site accompanied by Mr. Gutierrez. The concrete batch plant was not operating at the time. The road surfaces at the plant were clean. There was no crusher located on-site. The investigator observed no visible emissions from the batch plant, stockpiles, or other sources on-site. Mr. Jones confirmed that CP5 was authorized to operate the concrete batch plant on-site by TCEQ Air Quality Standard Permit for Concrete Batch Plants, Registration No. 134697.

The investigator informed Mr. Gutierrez that no violations had been noted as a result of the investigation at that time. Mr. Jones departed CP5 at approximately 3:57 p.m.

Exit Interview

During the on-site investigation on February 26, 2018, Mr. Jones discussed the results of the investigation at that time with Mr. Gutierrez and gave him a TCEQ Customer Satisfaction Survey.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Washed sand and gravel are delivered by trucks and stockpiled at the facility. The stockpiled aggregate is

sprinkled with water as needed for dust control. When needed for production, the aggregate is moved via a front-end loader to the conveyor that leads to the aggregate bin from where the aggregate drops into the weigh batcher. After weighing, each batch drops into the rotating drums of the mixer trucks.

Cement/fly ash is pneumatically conveyed from delivery tankers into the cement silo(s). Remaining in total enclosure, the cement is then gravity dropped from the silo into the cement weigh batcher. The weighed cement batch is then gravity dropped into the rotating drums of mixer trucks. A vent style bag house is used for particulate matter control of cement dust from the silo. Aggregate and cement emissions at the truck drop point are vented to a central dust collector through a suction shroud.

BACKGROUND

Compliance History

RE Name: Cowtown Plant 5 RN: RN108711193
Classification: Unclassified Rating: 0 Publication Date: November 15, 2017
Customer Name: Cowtown Redi Mix Inc CN: CN602718157
Classification: Satisfactory Rating: 5.00 Publication Date: November 15, 2017

Agreed Orders, Court Orders, and Other Compliance Agreements

No violations were issued during this investigation.

Prior Enforcement Issues

No violations were issued during this investigation.

Complaints

The complaint that initiated this investigation, Incident No. 279013, was the only complaint received for this regulated entity in the last two years related to air quality.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

No violations have been noted as a result of the investigation at this time. Close Incident No. 279013. Send an Alleged Source Letter (ASL) to Cowtown and a copy of the final report to the complainant.

Additional Issues

None.

No Violations Associated to this Investigation

Signed Alex Jones
Environmental Investigator

Date 4/17/18

Signed [Signature]
Supervisor

Date 4/17/18

Attachments: (in order of final report submittal)

Enforcement Action Request (EAR)

Letter to Facility (specify type) : ASL

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify) :

AIR CP_108711193_CP_20180215_INVESTIGATION
Texas Commission on Environmental Quality
Investigation Report

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Customer: COWTOWN Redi Mix, Inc.
Customer Number: CN602718157

COWTOWN / khoist
~~2/15/19~~
 1/24/19 3 1/18/19

Regulated Entity Name: COWTOWN PLANT 5
Regulated Entity Number: RN108711193

Inv 1554375 2/15/19
 Inv report

Investigation # 1554375

Incident Numbers

305918

305916

Tape Sampling
 visual

Investigator: ARCHER CHATTIN

Site Classification MINOR SOURCE

Conducted: 02/15/2019 -- 02/15/2019

SIC Code: 3273

Program(s): AIR NEW SOURCE PERMITS

Investigation Type: Compliance Investigation

Location: FROM THE INTERSECTION OF STEWART ROAD AND HIGHWAY 5 TRAVEL SOUTHWEST 400 FEET TO SITE ENTRANCE LOCATED ON THE SOUTH SIDE OF THE ROAD

Additional ID(s): 134697

Address: ,

Local Unit: REGION 04 - DFW METROPLEX

Activity Type(s): AIRCOMPL - AIR CMPL - AIR COMPLAINT INV

Principal(s):

Role	Name
RESPONDENT	COWTOWN REDI MIX INC

Contact(s):

Role	Title	Name	Phone
PARTICIPATED IN	PLANT MANAGER	WESLEY CARPENTER	
REGULATED ENTITY CONTACT	OWNER	MR SAM SHMAISANI	Fax (817) 759-1716 Work (817) 759-2599 Work (817) 759-1919 Phone (817) 759-1919 Cell (817) 808-2997

Other Staff Member(s):

Role	Name
QA Reviewer	KIMBERLI FOWLER
Supervisor	KIMBERLI FOWLER
Investigator	JESSICA SPRAGUE
Investigator	MINGYUAN WEI

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
AIR INVESTIGATION - EQUIPMENT	EQUIP
MONITORING AND SAMPLING revised 06/2013	
AIR COMPLAINT INVESTIGATION	CMPL

Investigation Comments:

INTRODUCTION

On February 15, 2019, Ms. Archer Chattin, Environmental Investigator ("Investigator") of the Texas Commission on Environmental Quality (TCEQ), Dallas/Fort Worth (DFW) Region office, conducted an Air Quality Complaint (AIR-CMPL) investigation at Cowtown Redi Mix located at 2105 S State Highway 5, McKinney, Collin County, Texas. The investigation was conducted in response to two citizen complaints. Incident No. 305918, received on January 24, 2019, alleging that dust was impacting their property and requested sampling. Incident No. 305916, received January 18, 2019, alleged that their property was being impacted by dust. They also had concern that a nearby school was being impacted by operations at the facilities. On January 24, 2019, the investigator contacted all the complainants and discussed the investigation.

The area of interest in this investigation contains multiple facilities that conduct operations with the potential to produce dust, including three facilities that are currently the subject of ongoing Air Quality Complaint investigations: Cowtown Redi Mix (RN108711193) being addressed in this investigation, Lhoist North America McKinney Terminal (RN100804632) being addressed in Investigation No. 1554380, and TXI Operations McKinney Plant (RN102171238) being addressed in Investigation No. 1540584.

The purpose of the investigation was to determine if potential emissions sources in the area were operating in compliance with applicable state and federal air quality regulations, evaluate potential nuisance and to evaluate the effectiveness of corrective actions taken by the facility. Mr. Michael Wei and Ms. Jessica Sprague, Environmental Investigators for TCEQ, and Mr. Wesley Carpenter, Plant Manager for Cowtown Plant 5, participated in this investigation. Mr. Sam Shmaisani, Owner of Cowtown Redi Mix, was the regulated entity contact for this investigation.

DAILY NARRATIVE

On February 15, 2019, the investigators arrived in the vicinity of the complaint at 10:00 am and took weather readings using an anemometer. The temperature was 54 degrees Fahrenheit with 50% humidity and wind from the southwest at an average of 2 miles per hour.

Ms. Chattin met with the complainant associated with Incident No. 305918 and discussed the investigation. The complainant expressed emotional distress and concern for their health and the health of their community due to the impact of breathing cement dust. The investigators observed dust on surfaces at the property. The investigators took Tape Lift Samples of dust present on the complainant's property from uncovered surfaces. The investigators left the property.

The complainant associated with Incident No. 305916 was not available during the investigation but requested samples be taken at their property. The investigators took Tape Lift Samples of dust present on uncovered surfaces on the complainant's property. The investigators left the complainant's property and arrived near Malvern Elementary School at approximately 10:45 am and took Tape Lift Samples of dust on uncovered surfaces in the area around the school.

The investigators observed the facility from off property for approximately two hours and did not observe dust emissions leaving the property during that time. The investigators used the Optical Gas Imaging Camera (OGIC) to observe the facilities and detected no emissions.

The investigators arrived at Cowtown Redi Mix at 1:30 pm. No visible emissions were observed onsite or leaving the property. Ms. Chattin observed that some traffic areas appeared wet but did not observe any sprinklers or a water truck actively operating onsite. The investigators met with Mr. Carpenter and discussed the purpose of the investigation. Ms. Chattin asked if there had been any operational changes or incidents that had the potential to emit dust since the previous investigation.

Mr. Carpenter said they had not had any incidents and no operations had been changed. Ms. Chattin asked how

the facility was mitigating dust emissions and Mr. Carpenter stated that they have a water truck that waters at least once a day and all trucks are washed down before leaving the property, and that the facility was conducting visible emissions observations as required by their permit. The investigators took two Tape Lift reference samples onsite, one near the batch drop point and one in the in-plant road used for entering and exiting the facility. Ms. Chatten observed that there were areas of accumulated sand and dirt on paved traffic areas but overall the pavement appeared clean. The investigators left the area at approximately 1:45 pm.

The investigators also took two Tape Lift reference samples at TXI Operations McKinney Plant 3. For additional information regarding the investigation at this facility see Investigation No. 1540584.

Tape Lift samples were sent to the TCEQ Air Laboratory and the particles collected are characterized using polarized light microscopy and Scanning Electron Microscopy to determine the concentrations of different minerals and organic compounds. On March 22, 2019, the TCEQ laboratory returned the final results from the tape lift samples (see Attachment 1: Laboratory Analysis Results). The analysis used polarized light microscopy to analyze and compare particles taken offsite to particles taken from TXI Operations and Cowtown Redi Mix.

The reference sample no. 1540584-L was taken at the Cowtown Redi Mix batch drop point. The sample contained between 71 and 80% cement dust, between 5 and 20% each common clays, glassy spheres, and rubber dust; and less than 5% carbon and fungal material. EDS analysis of cement dust particles in the sample showed primary peaks of carbon, oxygen, aluminum, silicon, and calcium. EDS analysis of a feldspar crystal in the sample showed primary peaks of aluminum, silicon, and potassium.

The reference sample no. 1540584-M was taken in a high traffic area at Cowtown Redi Mix. The sample contained over 80% common clays and minerals, and less than 5% spiderwebs. EDS analysis of a quartz crystal in the sample showed primary peaks of oxygen, and silicon. EDS analysis of a feldspar crystal in the sample showed primary peaks of oxygen, aluminum, silicon, and potassium.

The reference sample no. 1540584-J was taken at the TXI Operations Batch drop point. The sample contained between 71 and 80% cement dust, between 5 and 20% each carbonaceous material and glassy spheres; and less than 5% common clays and minerals and rubber dust. EDS analysis of cement dust particles in the sample showed primary peaks of carbon, oxygen, aluminum, silicon, and calcium.

The reference sample no. 1540584-K was taken in a high traffic area at TXI Operations. The sample contained over 80% common clays and minerals, and less than 5% cement dust, glassy spheres, and rubber dust. EDS analysis of a quartz crystal in the sample showed primary peaks of oxygen, and silicon. EDS analysis of a feldspar crystal in the sample showed primary peaks of oxygen, aluminum, silicon, and potassium.

Sample 1540584-D was taken near Malvern Elementary. The sample contained between 21 and 30% cement dust, between 31 and 40% common clays and minerals, and less than 5% each of carbonaceous material, fungal material, glassy spheres, plant Trichomes, pollen, and spider webs. EDS analysis of cement particles showed primary peaks of carbon, aluminum, silicon, oxygen, potassium, and calcium. The x-ray spectra of the cement particles analyzed were consistent with the reference samples taken at both the Cowtown and TXI Operations batch drop points.

Sample 1540584-B was taken at the complainant's property associated with Incident No. 305916. The sample contained between 31 and 40% cement dust, between 31 and 40% common clays and minerals, between 5 and 20% rubber dust, and less than 5% each of fungal material, glassy spheres, plant fibers, and pollen. EDS analysis of cement particles showed primary peaks of carbon, aluminum, silicon, oxygen, sodium, and calcium. The x-ray spectra of the cement particles analyzed were consistent with the reference samples taken at both the Cowtown and TXI Operations batch drop points.

Sample 1540584-C was taken at the complainant's property associated with Incident No. 305918. The sample contained between 21 and 30% each cement dust and rubber dust, between 31 and 40% common clays and minerals, between 5 and 20% plant stellate hairs, and less than 5% each of carbonaceous material, fungal material, glassy spheres, plant fibers, pollen, and insect parts. EDS analysis of cement particles showed primary peaks of carbon, aluminum, silicon, oxygen, and calcium. The x-ray spectra of the cement particles analyzed were consistent with the reference samples taken at both the Cowtown and TXI Operations batch drop points.

Sample 1540584-G was also taken at the complainant's property associated with Incident No. 305918. The sample contained between 5 and 20% each cement dust and rubber dust, between 31 and 40% each of fungal material and common clays and minerals, and less than 5% each of glassy spheres, white paint overspray, pollen, and spider webs, and starch grains. EDS analysis of cement particles showed primary peaks of carbon, aluminum, silicon, oxygen, and calcium. The x-ray spectra of the cement particles analyzed were consistent with the reference samples taken at both the Cowtown and TXI Operations batch drop points.

Ms. Chattin reviewed sample results. The laboratory analysis concludes that the cement dust particles observed on the tape-lift samples taken from the complainant's properties and the facilities appeared to be consistent with each other. Cowtown Redi Mix and TXI Operations appear to be the only potential sources of cement dust in the immediate area of the complainant's properties and have both been observed to have visible emissions leaving their properties in previous investigations, therefore both facilities will be considered sources of the cement dust observed on the complainant's properties. Ms. Chattin checked past meteorological data to determine when the last rain event in the area of the sample locations to approximate a time frame for accumulation of the dust sampled. The investigator found that the most recent rain event had occurred on February 7, 10 and 11, 2019. The second most recent rain event occurred on January 3, 2019.

On April 11, 2019, the complainant associated with Incident No. 305916 submitted a written statement stating how the dust from the regulated entities was impacting them and their property. On April 12, 2019, the complainant associated with Incident No. 305918 submitted a written statement describing how the dust from the regulated entity was impacting them and their property.

The presence of cement dust in the recent dust accumulation found at the complainants' properties, along with complainant statements of inability to use and enjoy their outdoor spaces due to the presence of the dust appears to constitute a discharge of air contaminants in such concentration and duration as to interfere with the normal use and enjoyment of complainants' properties. This is a violation of 30 TAC 101.4. It is a category B17 violation, in accordance with the Enforcement Initiation Criteria (EIC) revision 16 and is classified as moderate. TXI Operations McKinney Plant 3 also received a violation of 30 TAC 101.4 based on this determination. For additional information see investigation no. 1540584.

The presence of cement dust at the complainants' properties also appears to suggest that corrective actions implemented by Cowtown Redi Mix are not sufficiently minimizing dust emissions leaving the property.

Exit Interview

On April 4, 2019, Ms. Chattin discussed the results of the investigation with Mr. Shmaisani and provided an Exit Interview Form via email (see Attachment 2: Exit Interview Form).

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Cowtown Redi Mix Plant 5 is a permanent concrete batch plant. Washed raw aggregate materials are hauled to site in covered trucks. Aggregates are loaded into aggregate bins using front-end loaders. Cement and fly ash are pumped to pigs from delivery trucks using a closed air hose pumping system. Cement is moved via air hose from pig to cement silo. Fly ash is moved from pig to fly ash silo via air hose. Aggregate bins and silos feed to discharge point. Emissions for aggregates, cement, and fly ash are handled by the central dust collection system and the silo collectors.

BACKGROUND

Compliance History

RE Name: Cowtown Plant 5 RN: RN108711193
Classification: Satisfactory Rating: 1.80 Publication Date: November 15, 2018
Customer Name: Cowtown Redi Mix Inc CN: CN602718157
Classification: Satisfactory Rating: 3.12 Publication Date: April 2, 2019

Agreed Orders, Court Orders, and other Compliance Agreements

No agreed orders, court orders, or other compliance agreements exist regarding this facility in the last five years.

Prior Enforcement Issues

On June 14, 2018, a Notice of Violation was sent to the facility noting three violations for failure to prevent visible

emissions from leaving the property, failure to perform and record Quarterly Visible Emissions Observations, and failure to provide start of construction and start of operation notification to the Region Office. The facility submitted corrective actions to address the violation on July 17, 2018 and the violations were resolved in investigation no.1512752.

Complaints

The TCEQ DFW Region office has received two other air quality related complaints regarding this facility in the last two years. Incident no. 279013 was received on February 19, 2018. The complainant alleged that the facility was creating excessive dust and operating a concrete recycling facility that was not authorized. This complaint was addressed in Investigation no. 1473172. No violations were alleged. Incident no. 281812 was received on March 27, 2018. The complainant alleged that steam and dust from the facility was impacting their property. This complaint is addressed in investigation 1484663 and resulted in a Notice of Violation. The violations were resolved in investigation 1512752.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

One violation is alleged for failure to prevent the discharge of an air contaminant, specifically cement dust, in such concentration and duration as to interfere with the normal use and enjoyment of complainant's properties. A Notice of Violation letter will be sent to the facility and a copy of the report will be sent to the complainants. Close Incidents Nos. 305916 and 305918.

Additional Issues

None

NOV Date 04/16/2019 Method WRITTEN

Investigation:
1473172 2/19/18
1484663 3/27/18
↓
1512752

OUTSTANDING ALLEGED VIOLATION(S)
ASSOCIATED TO A NOTICE OF VIOLATION

Track Number: 710357

Compliance Due Date: 04/30/2019

Violation Start Date: 2/15/2019

30 TAC Chapter 101.4

5C THSC Chapter 382.085(b)

Alleged Violation:

Investigation: 1554375

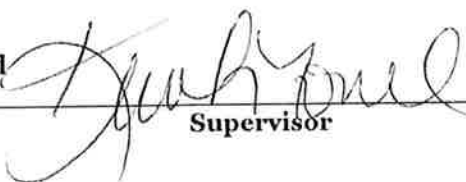
Comment Date: 04/15/2019

Failure to prevent the discharge of cement dust in such duration and concentration as to interfere with the normal use and enjoyment of property. During an investigation conducted on February 15, 2019, the investigators observed dust accumulation on complainants' properties and took Tape Lift Samples. The investigators also took reference samples at TXI Operations and Cowtown Redi mix. The sample analysis determined that the cement dust particles observed on the tape-lift samples taken from the complainant's properties and the facilities appeared to be consistent with each other. TXI Operations and Cowtown Redi mix are the only potential sources of cement dust in the area of the complainants properties and both have been observed to have visible emissions leaving their properties during previous investigations, therefore both facilities will be considered sources of the cement dust observed on complainants' properties. The complainants stated that this dust causes them not to be able to use outdoor spaces or furniture because the dust ruins clothes and causes concern for their health when they breathe it. The presence of cement dust at the complainants' properties also appears to suggest that corrective actions implemented by Cowtown Redi Mix are not sufficiently minimizing dust emissions leaving the property.

Recommended Corrective Action: Provide a written description of corrective actions taken to adress the violations within 14 days of the Notice of Violation letter.

Signed 
Environmental Investigator

Date 4/15/19

Signed 
Supervisor

Date 4/15/19

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : NOV
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

- Maps, Plans, Sketches
- Photographs
- Correspondence from the facility
- Other (specify) :
2: Exit Interview Form

TCEQ

DFW Region



Attachment 1 **Laboratory Analysis Results**

Cowtown Plant 5 – RN108711193
Cowtown Redi Mix Inc – CN602718157

Investigation No.: 1554375
Investigation Date: 2/15/19

Pages: 12

Texas Commission on Environmental Quality

Laboratory and Quality Assurance Section
P.O. Box 13087, MC-165
Austin, Texas 78711-3087
(512) 239-1716

Laboratory Analysis Results Request Number: 1902004

Request Lead: Frank Martinez

Region: T04

Date Received: 2/22/2019

Facility(ies) Sampled	City	County	Facility Type
TXI Operations Concrete Batch Plant	McKinney	Collin	Manufactory

Sample(s) Received

Field ID Number: 1540584-H Sampling Site: Suspected Source Comments: Tape lift of Lhoist wash out.	Laboratory Sample Number: 1902004-001RS Date & Time Sampled: 02/15/19 13:00:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-I Sampling Site: Suspected Source Comments: Tape lift of Lhoist bulk dry line.	Laboratory Sample Number: 1902004-002RS Date & Time Sampled: 02/15/19 13:00:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-L Sampling Site: Suspected Source Comments: Tape lift of Cowtown drop point.	Laboratory Sample Number: 1902004-003RS Date & Time Sampled: 02/15/19 13:25:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-M Sampling Site: Suspected Source Comments: Tape lift of Cowtown traffic area.	Laboratory Sample Number: 1902004-004RS Date & Time Sampled: 02/15/19 13:25:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-J Sampling Site: Suspected Source Comments: Tape lift of TXI drop point.	Laboratory Sample Number: 1902004-005RS Date & Time Sampled: 02/15/19 13:10:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-K Sampling Site: Suspected Source Comments: Tape lift of TXI traffic area.	Laboratory Sample Number: 1902004-006RS Date & Time Sampled: 02/15/19 13:10:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-D Sampling Site: Complainant's Property Comments: Tape lift of a sign.	Laboratory Sample Number: 1902004-007 Date & Time Sampled: 02/15/19 10:45:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-B Sampling Site: Complainant's Property Comments: Tape lift of an unknown. (301247)	Laboratory Sample Number: 1902004-008 Date & Time Sampled: 02/15/19 10:20:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-C Sampling Site: Complainant's Property Comments: Tape lift of an unknown. (301400)	Laboratory Sample Number: 1902004-009 Date & Time Sampled: 02/15/19 10:05:00	Sampled by: Archer Chattin Valid Sample: Yes
Field ID Number: 1540584-G Sampling Site: Complainant's Property Comments: Tape lift of an unknown. (301400)	Laboratory Sample Number: 1902004-010 Date & Time Sampled: 02/15/19 10:05:00	Sampled by: Archer Chattin Valid Sample: Yes

Texas Commission on Environmental Quality

Laboratory and Quality Assurance Section

P.O. Box 13087, MC-165

Austin, Texas 78711-3087

(512) 239-1716

Laboratory Analysis Results**Request Number: 1902004****Sample(s) Received**

Field ID Number: 1540584-F

Laboratory Sample Number: 1902004-011

Sampled by: Archer Chattin

Sampling Site: Complainant's Property

Date & Time Sampled: 02/15/19 10:35:00 Valid Sample: Yes

Comments: Tape lift of an unknown. (301019)

Field ID Number: 1540584-A

Laboratory Sample Number: 1902004-012

Sampled by: Archer Chattin

Sampling Site: Complainant's Property

Date & Time Sampled: 02/15/19 10:35:00 Valid Sample: Yes

Comments: Tape lift of an unknown. (301019)

Requested Laboratory Procedure(s):


Analysis: AP007MIC

Environmental Sample Characterization using Polarized Light Microscopy

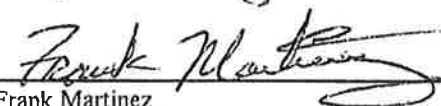
Analysis: AP008MIC

Sample Characterization using Scanning Electron Microscope with an Energy Dispersive X-Ray Microanalysis Spectrometer

Please note that this analytical technique is not capable of measuring all compounds which might have adverse health effects. For questions on the analytical procedures please contact the laboratory manager at (512) 239-1716.

Analyst: 

Amy Harvey

Date: 3/21/19Laboratory Manager: 

Frank Martinez

Date: 3/22/19

Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-001RS

Analysis began: 2/27/2019

Analyst: Amy Harvey

SOP: AP007MIC

Analysis completed: 3/19/2019

Sample 1540584-H was heavily loaded. Lime accounted for over 80% of the particle coverage. Other particles present in quantities less than 5% included spider web.

Sample Number: 1902004-001RS

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP008MIC

Analysis completed: 3/19/2019

Energy Dispersive Spectroscopy (EDS) of a lime particle showed elements carbon, oxygen, sulfur, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, sulfur, and calcium.

EDS analysis of a second lime particle showed elements carbon, oxygen, and calcium. The primary peak in the x-ray spectrum was calcium.

EDS analysis of a third lime particle showed elements carbon, oxygen, magnesium, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

Sample Number: 1902004-002RS

Analysis began: 2/27/2019

Analyst: Amy Harvey

SOP: AP007MIC

Analysis completed: 3/19/2019

Sample 1540584-I was heavily loaded. Lime accounted for over 80% of the particle coverage. Other particles present in quantities less than 5% included common clays and minerals.

Sample Number: 1902004-002RS

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP008MIC

Analysis completed: 3/19/2019

EDS analysis of a lime particle showed elements carbon, oxygen, and calcium. The primary peaks in the x-ray spectrum were oxygen and calcium.

EDS analysis of a second lime particle showed elements carbon, oxygen, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

EDS analysis of a third lime particle showed elements carbon, oxygen, magnesium, silicon, sulfur, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

Sample Number: 1902004-003RS

Analysis began: 2/27/2019

Analyst: Amy Harvey

SOP: AP007MIC

Analysis completed: 3/19/2019

Sample 1540584-L was heavily loaded. The sample contained between 71 and 80% cement dust, between 5 and 20% common clays and minerals, between 5 and 20% glassy spheres, and between 5 and 20% rubber dust. Other particles present in quantities less than 5% included carbonaceous material and fungal material.

TCEQ laboratory customer support may be reached at Frank. Martinez@tceq.texas.gov

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-003RS

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a second glassy sphere particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, sodium, aluminum, silicon, and calcium.

EDS analysis of a cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a second cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a third cement particle showed elements carbon, oxygen, aluminum, silicon, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, silicon, and calcium.

EDS analysis of a mineral (feldspar) particle showed elements carbon, oxygen, aluminum, silicon, and potassium. The primary peaks in the x-ray spectrum were aluminum, silicon, and potassium.

Sample Number: 1902004-004RS

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-M was heavily loaded. Common clays and minerals accounted for over 80% of the particle coverage. Other particles present in quantities less than 5% included carbonaceous material, and cement dust.

Sample Number: 1902004-004RS

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a mineral (quartz) particle showed elements oxygen and silicon. The primary peaks in the x-ray spectrum were oxygen and silicon.

EDS analysis of a mineral (feldspar) particle showed elements carbon, oxygen, magnesium, aluminum, silicon, phosphorus, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and potassium.

Sample Number: 1902004-005RS

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-J was heavily loaded. The sample contained between 71 and 80% cement dust, between 5 and 20% glassy spheres, and between 5 and 20% carbonaceous material. Other particles present in quantities less than 5% included common clays and minerals and rubber dust.

TCEQ laboratory customer support may be reached at Frank. Martinez@tceq.texas.gov

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-005RS

Analysis began: 3/5/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, and silicon.

EDS analysis of a second glassy sphere particle showed elements carbon, oxygen, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, silicon, and calcium.

EDS analysis of a second cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, and silicon.

EDS analysis of a third cement particle showed elements carbon, oxygen, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

Sample Number: 1902004-006RS

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-K was heavily loaded. Common clays and minerals accounted for over 80% of the particle coverage. Other particles present in quantities less than 5% included cement dust, glassy spheres, and rubber dust.

Sample Number: 1902004-006RS

Analysis began: 3/5/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, and silicon. The primary peaks in the x-ray spectrum were oxygen and silicon.

EDS analysis of a mineral (feldspar) particle showed elements carbon, oxygen, aluminum, silicon, and potassium. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and potassium.

Sample Number: 1902004-007

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-D was heavily loaded. The sample contained between 21 and 30% cement dust, between 31 and 40% common clays and minerals, and between 31 and 40% rubber dust. Other particles present in quantities less than 5% included carbonaceous material, fungal material, glassy spheres, plant trichomes, pollen, and spider web.

TCEQ laboratory customer support may be reached at Frank. Martinez@tceq.texas.gov

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-007

Analysis began: 3/7/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, and silicon.

This x-ray spectrum of a glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, sodium, aluminum, silicon, chlorine, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and potassium.

EDS analysis of a second cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, chlorine, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

These x-ray spectra of cement particles are consistent with reference samples -003RS and -005RS.

EDS analysis of a third cement particle showed elements carbon, oxygen, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

This x-ray spectrum of a cement particle is consistent with reference samples -001RS and -002RS (lime), and -003RS and -005RS (cement). This particle was categorized as cement due to its presence as a component of the larger cement aggregate.

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, aluminum, and silicon. The primary peaks in the x-ray spectrum were oxygen, and silicon.

Sample Number: 1902004-008

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-B was heavily loaded. The sample contained between 31 and 40% cement dust, between 31 and 40% common clays and minerals, and between 5 and 20% rubber dust. Other particles present in quantities less than 5% included fungal material, glassy spheres, plant fibers, and pollen.

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-008

Analysis began: 3/7/2019

Analyst: Amy Harvey

SOP: AP008MIC

Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

This x-ray spectrum of a glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

This x-ray spectrum of a cement particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a second cement particle showed elements carbon, oxygen, sodium, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

This x-ray spectrum of a cement particle is consistent with reference samples -001RS and -002RS (lime), and -003RS and -005RS (cement). This particle was categorized as cement due to its presence as a component of the larger cement aggregate.

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, and silicon. The primary peaks in the x-ray spectrum were oxygen, and silicon.

Sample Number: 1902004-009

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC

Analysis completed: 3/19/2019

Sample 1540584-C was lightly loaded. The sample contained between 21 and 30% cement dust, between 31 and 40% common clays and minerals, between 5 and 20% plant stellate hairs, and between 21 and 30% rubber dust. Other particles present in quantities less than 5% included carbonaceous material, fungal material, glassy spheres, insect parts, plant fibers, and pollen.

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-009

Analysis began: 3/8/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

This x-ray spectrum of a glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a second cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

These x-ray spectra of cement particles are consistent with reference samples -003RS and -005RS.

EDS analysis of a third cement particle showed elements carbon, oxygen, magnesium, silicon, sulfur, chlorine, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

This x-ray spectrum of a cement particle is consistent with reference samples -001RS and -002RS (lime), and -003RS and -005RS (cement). This particle was categorized as cement due to its presence as a component of the larger cement aggregate.

EDS analysis of a mineral (felspar) particle showed elements carbon, oxygen, sodium, aluminum, silicon, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, sodium, aluminum, and silicon.

EDS analysis of a mineral (dolomite) particle showed elements carbon, oxygen, magnesium, and calcium. The primary peaks in the x-ray spectrum were oxygen, magnesium, and calcium.

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, aluminum, and silicon. The primary peaks in the x-ray spectrum were oxygen and silicon.

Sample Number: 1902004-010

Analysis began: 2/28/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-G was heavily loaded. The sample contained between 5 and 20% cement dust, between 31 and 40% common clays and minerals, between 31 and 40% fungal material, and between 5 and 20% rubber dust. Other particles present in quantities less than 5% included glassy spheres, paint overspray (white), pollen, spider web, and starch grains.

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Laboratory Analysis Results
Request Number: 1902004
Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-010

Analysis began: 3/8/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, and silicon.

This x-ray spectrum of a glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, aluminum, silicon, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

EDS analysis of a second cement particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, chlorine, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

These x-ray spectra of cement particles are consistent with reference samples -003RS and -005RS.

EDS analysis of a third cement particle showed elements carbon, oxygen, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

This x-ray spectrum of a cement particle is consistent with reference samples -001RS and -002RS (lime), and -003RS and -005RS (cement). This particle was categorized as cement due to its presence as a component of the larger cement aggregate.

EDS analysis of a mineral (dolomite) particle showed elements carbon, oxygen, magnesium, silicon, and calcium. The primary peaks in the x-ray spectrum were oxygen, magnesium, and calcium.

EDS analysis of a mineral (quartz) particle showed elements oxygen, and silicon. The primary peaks in the x-ray spectrum were oxygen, and silicon.

EDS analysis of a mineral (limestone) particle showed elements carbon, oxygen, aluminum, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, and calcium.

EDS analysis of a mineral (feldspar) particle showed elements carbon, oxygen, aluminum, silicon, and potassium. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and potassium.

Sample Number: 1902004-011

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-F was moderately loaded. The sample contained between 21 and 30% cement dust, between 31 and 40% common clays and minerals, between 21 and 30% rubber dust, and between 5 and 20% pollen. Other particles present in quantities less than 5% included carbonaceous material, glassy spheres, plant stellate hairs, and plant trichomes.

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-011

Analysis began: 3/8/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, magnesium, aluminum, silicon, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

This x-ray spectrum of a glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, magnesium, aluminum, silicon, chlorine, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, aluminum, silicon, and calcium.

EDS analysis of a second cement particle showed elements, carbon, oxygen, sodium, magnesium, aluminum, silicon, chlorine, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, chlorine and potassium.

These x-ray spectra of cement particles are consistent with reference samples -003RS and -005RS.

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, and silicon. The primary peaks in the x-ray spectrum were oxygen and silicon.

Sample Number: 1902004-012

Analysis began: 3/4/2019

Analyst: Amy Harvey

SOP: AP007MIC Analysis completed: 3/19/2019

Sample 1540584-A was moderately loaded. The sample contained between 5 and 20% cement dust, between 31 and 40% common clays and minerals, and between 31 and 40% rubber dust. Other particles present in quantities less than 5% included glassy spheres, insect parts, plant fibers, plant trichomes, and pollen.

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Laboratory Analysis Results
Request Number: 1902004
Analysis Code: AP007MIC & AP008MIC

Sample Number: 1902004-012

Analysis began: 3/8/2019

Analyst: Amy Harvey

SOP: AP008MIC Analysis completed: 3/19/2019

EDS analysis of a glassy sphere particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, titanium, and iron. The primary peaks in the x-ray spectrum were carbon, oxygen, sodium, magnesium, aluminum, silicon, and calcium.

This x-ray spectrum of glassy sphere particle is consistent with reference samples -003RS and -005RS.

EDS analysis of a cement particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, chlorine, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, and silicon.

EDS analysis of a second cement particle showed elements carbon, oxygen, sodium, magnesium, aluminum, silicon, potassium, calcium, and iron. The primary peaks in the x-ray spectrum were oxygen, aluminum, silicon, and calcium.

These x-ray spectra of cement particles are consistent with reference samples -003RS and -005RS.

EDS analysis of a mineral (quartz) particle showed elements carbon, oxygen, and silicon. The primary peaks in the x-ray spectrum were oxygen and silicon.

EDS analysis of a mineral (feldspar) particle showed elements carbon, oxygen, sodium, aluminum, and silicon. The primary peaks in the x-ray spectrum were oxygen, sodium, aluminum, and silicon.

EDS analysis of a mineral (dolomite) particle showed elements carbon, oxygen, magnesium, silicon, and calcium. The primary peaks in the x-ray spectrum were carbon, oxygen, magnesium, and calcium.

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Laboratory Analysis Results

Request Number: 1902004

Analysis Code: AP008MIC

Qualifier Notes:

- ND - not detected
- NQ - concentration can not be quantified due to possible interferences or coelutions.
- SDL - Sample Detection Limit (Limit of Detection adjusted for dilutions).
- SQL - Sample Quantitation Limit (Limit of Quantitation adjusted for dilution).
- INV - Invalid.
- J - Reported concentration is below SDL.
- L - Reported concentration is at or above the SDL and is below the lower limit of quantitation.
- E - Reported concentration exceeds the upper limit of instrument calibration.
- M - Result modified from previous result.
- T - Data was not confirmed by a confirmational analysis. Compound and/or results is tentatively identified.
- F - Established acceptance criteria was not met due to factors outside the laboratory's control.
- H - Not all associated hold time specifications were met. Data may be biased.
- C - Sample received with a missing or broken custody seal.
- R - Sample received with a missing or incomplete chain of custody.
- I - Sample received without a legible unique identifier.
- G - Sample received in an improper container.
- U - Sample received with insufficient sample volume.
- W - Sample received with insufficient preservation.

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TCEQ

DFW Region



Attachment 2 Exit Interview Form

Cowtown Plant 5 – RN108711193
Cowtown Redi Mix Inc – CN602718157

Investigation No.: 1554375
Investigation Date: 2/15/19

Pages: 1

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

Regulated Entity/Site Name		Cowtown Redi mix Plant 5		TCEQ Add. ID No. RN No (optional)	108711193
Investigation Type	CMPL	Contact Made In-House (Y/N)	Y	Purpose of Investigation	
Regulated Entity Contact	Mr. Sam Shmaisani		Telephone No.	Date Contacted	FAX/Email date

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue		For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.	
No.	Type ¹	Rule Citation (if known)	Description of Issue
1	AV	30 TAC 101.4	Failure to prevent the discharge of cement dust in such concentration and duration as to interfere with the normal use and enjoyment of complainant's properties.

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.

Archer Chattin	4/4/19
Investigator Name (Signed & Printed)	Date
Regulated Entity Representative Name (Signed & Printed)	Date

If you have questions about any information on this form, please contact your local TCEQ Regional Office. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512/239-3282.