



EHS Services and Solutions
7000 North MoPac Expressway
Suite 200
Austin, TX 78731
800.790.6236
bsigroup.com

July 23, 2020

Mr. Samuel Short
Division Director
Air Permits Division (MC-163)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

**Re: Yarrington Road Materials, L.P. - Concrete Batch Plant 1
San Marcos, Hays County, TX 78666
CN600492631
RN100720952
Permit No. 45744**

Concrete Batch Plant Standard Permit Renewal Application

Dear Mr. Short:

Please find attached Form PI-1S, Core Data Form and supporting documents to initiate the Standard Permit Renewal process pursuant to the requirements of 30 Texas Administrative Code Chapter 116 Section 110 (30 TAC 116.110).

Should you have any questions regarding the application please contact Laura Auchterlonie at 512.717.9395 or at laura.auchterlonie@bsigroup.com.

Regards,

Laura Auchterlonie

Laura Auchterlonie
Associate Consultant

Reviewed by:

Jonathan Martin

Jonathan Martin
Senior Consultant

Attachments

cc: Mr. Chase Coleman, President, Yarrington Road Materials LP

Attachments

Form PI-1S

Core Data Form

Area Map

Plot Plan

Plot Plan - Permit No. 45744

**Air Quality Standard Permits General Requirements
Checklist**

**Air Quality Standard Permit for Concrete Batch Plants
Registration Checklist**

Process Description

Process Flow Diagram

Table 11 – Central Dust Collector Fabric Filters

Table 11 – Baghouse Fabric Filters (Cement)

Table 11 – Baghouse Fabric Filters (Flyash)

Table 20 – Concrete Batch Plants

Equipment Specifications

Dust Control System & Equipment

**Air Quality Standard Permit for Concrete Batch Plants –
Effective Date December 21, 2012**

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 1)

I. Registrant Information		
A. Company or Other Legal Customer Name:		
Yarrington Road Materials, L.P.		
B. Company Official Contact Information (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)____		
Name: Chase Coleman		
Title: President		
Mailing Address: P.O. Box 5555		
City: Austin	State: TX	ZIP Code: 78763
Phone: 512.306.7800	Fax:	
E-mail Address: chase.coleman@yarringtonroadmaterials.com		
<i>All permit correspondence will be sent via e-mail.</i>		
C. Technical Contact Information (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)_____		
Name: Chase Coleman		
Title: President		
Company Name: Yarrington Road Materials, L.P.		
Mailing Address: P.O. Box 5555		
City: Austin	State: TX	ZIP Code: 78763
Phone: 512.306.7800	Fax:	
E-mail Address: chase.coleman@yarringtonroadmaterials.com		
II. Facility and Site Information		
A. Name and Type of Facility		
Facility Name: Concrete Batch Plant 1		
Type of Facility:	<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary	
For portable units, please provide the serial number of the equipment being authorized below.		
Serial No: 22125	Serial No:	

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 2)

II. Facility and Site Information (<i>continued</i>)		
B. Facility Location Information		
Street Address: 1401 Yarrington Road		
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).		
City: San Marcos	County: Hays	ZIP Code: 78666
Latitude (nearest second): 29°56'44" N	Longitude (nearest second): 97°52'18" W	
C. Core Data Form (required for Standard Permits 6004, 6006, 6007, 6008, and 6013).		
Is the Core Data Form (TCEQ Form 10400) attached?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If "NO," provide customer reference number (CN) and regulated entity number (RN) below.		
Customer Reference Number (CN):		
Regulated Entity Number (RN):		
D. TCEQ Account Identification Number (if known):		
E. Type of Action:		
<input type="checkbox"/> Initial Application <input type="checkbox"/> Change to Registration <input checked="" type="checkbox"/> Renewal <input type="checkbox"/> Renewal Certification		
For Change to Registration, Renewal, or Renewal Certification actions provide the following:		
Registration Number: 45744	Expiration Date: 3/30/21	
F. Standard Permit Claimed: 6004		
G. Previous Standard Exemption or PBR Registration Number		
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If "YES," enter previous standard exemption number(s) and PBR registration number(s), and associated effective date in the spaces provided below.		
Standard Exemption and PBR Registration Number(s)	Effective Date	

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 3)

II. Facility and Site Information (continued)		
H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit		
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below.		
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s)	Effective Date	
155130	05/03/2019	
I. Other Air Preconstruction Permits		
Are there any other air preconstruction permits at this site?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES," enter permit number(s) in the spaces provided below.		
90472		
J. Affected Air Preconstruction Permits		
Does the standard permit directly affect any permitted facility?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES," enter permit number(s) in the spaces provided below.		
K. Concrete Batch Plant		
<input type="checkbox"/> Central Mix <input checked="" type="checkbox"/> Ready Mix <input type="checkbox"/> Specialty Mix <input type="checkbox"/> Enhanced Controls for Concrete Batch Plants		
1. State Legislators		
State Senator: Ms. Judith Zaffirini, Texas Senate District 21		
State Representative: Mr. Erin Zwiener, Texas House District 45		
2. County Judge		
Name: Mr. Ruben Becerra		
Mailing Address: 111 E. San Antonio St., Ste. 300		
City: San Marcos	State: TX	ZIP Code: 78666

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 4)

II. Facility and Site Information (continued)		
K. 3. Presiding Officer		
Is the facility located in a municipality or extraterritorial jurisdiction of a municipality?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If "YES," list the name of the Presiding Officer for the municipality and/or extraterritorial jurisdiction:		
Presiding Officer Name:		
Title:		
Mailing Address:		
City:	State:	ZIP Code:
L. Federal Operating Permit (FOP) Requirements		
Is this facility located at a site that is required to obtain an FOP pursuant to 30 TAC Chapter 122?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> To Be Determined
If the site currently has an existing FOP, enter the permit number:		
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved (check all that apply).		
<input type="checkbox"/> Initial Application for an FOP <input type="checkbox"/> Significant Revision for an SOP <input type="checkbox"/> Minor Revision for an SOP <input type="checkbox"/> Operational Flexibility/Off Permit Notification for an SOP <input type="checkbox"/> Revision for a GOP <input type="checkbox"/> To be Determined <input checked="" type="checkbox"/> None		
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. (check all that apply)		
<input type="checkbox"/> SOP <input type="checkbox"/> GOP <input type="checkbox"/> GOP application/revision (submitted or under APD review) <input checked="" type="checkbox"/> N/A <input type="checkbox"/> SOP application/revision (submitted or under APD review)		
III. Fee Information (see Section IX. for address to send fee or go to www.tceq.texas.gov/epay to pay online)		
A. Fee Amount: \$900.00		
B. Payment Information		
Check/money order/transaction or voucher number:		
Individual or company name on check:		
Was fee paid online?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 5)

IV. Public Notice (if applicable)		
A. Responsible Person (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: Chase Coleman		
Title: President		
Company: Yarrington Road Materials, L.P.		
Mailing Address: P.O. Box 5555		
City: Austin	State: TX	ZIP Code: 78763
Phone: 512.306.7800	Fax No.:	
E-mail Address: chase.coleman@yarringtonroadmaterials.com		
B. Technical Contact (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) _____		
Name: Chase Coleman		
Title: President		
Company: Yarrington Road Materials, L.P.		
Mailing Address: P.O. Box 5555		
City: Ausitn	State: TX	ZIP Code: 78763
Phone No.: 512.306.7800	Fax No.:	
E-mail Address: chase.coleman@yarringtonroadmaterials.com		
C. Bilingual Notice		
Is a bilingual program required by the Texas Education Code in the School District?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES," list which language(s) are required by the bilingual program?		
Spanish		

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 6)

IV. Public Notice (if applicable) (continued)	
D. Small Business Classification and Alternate Public Notice	
Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. For Concrete Batch Plants	
1. Public Works Project: Will the plant provide concrete to a public works project, and be located in or contiguous to the right of-way of the public works project? (If "YES," public notice is not required.)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Application in Public Place	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Name of Public Place: San Marcos Public Library	
Physical Address: 625 E Hopkins St.	
City: San Marcos	County: Hays
V. Renewal Certification Option	
A. Does the permitted facility emit an air contaminant on the Air Pollutant Watch List, and is the permitted facility located in an area on the watch list?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), do the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Does the company and/or site have an unsatisfactory compliance history?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Are there any applications currently under review for this standard permit registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 7)

V. Renewal Certification Option (<i>continued</i>)	
F. Are any of the following actions being requested at the time of renewal:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
1. Are there any facilities that have been permanently shutdown that are proposed to be removed from the standard permit registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Do changes need to be made to the standard permit registration in order to remain in compliance?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Are there any changes to the current emission rates table being proposed?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "NO," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "YES," the certification option cannot be used.</i>	
<i>*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.</i>	
VI. Technical Information Including State and Federal Regulatory Requirements	
Place a check next to the appropriate box to indicate what you have included in your submittal. <i>NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the standard permit must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.</i>	
A. Standard Permit requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)	
Did you demonstrate that the general requirements in 30 TAC Sections 116.610 and 116.615 are met?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Did you demonstrate that emission limitations in 30 TAC Sections 106.261 and 106.262 are met?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Did you demonstrate that the individual requirements of the specific standard permit are met?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Confidential Information (All pages properly marked "CONFIDENTIAL")	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Process Flow Diagram	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Process Description	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Maximum Emissions Data and Calculations	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Plot Plan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

**Texas Commission on Environmental Quality
Form PI-1S
Registrations for Air Standard Permit
(Page 8)**

VI. Technical Information Including State and Federal Regulatory Requirements (continued)

Place a check next to the appropriate box to indicate what you have included in your submittal.

NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the standard permit must be provided. Not providing key information could result in an automatic deficiency and voiding of the project.

G. Projected Start Of Construction Date, Start Of Operation Date, and Length of Time at Site: ☐ YES ☐ NO

Projected Start of Construction (provide date):

Projected Start of Operation (provide date):

Length of Time at the Site:

VII. Delinquent Fees and Penalties


This form **will not be processed** until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/financial/fees/delin/index.html.

VIII. Signature Requirements

The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code, Chapter 382, the Texas Clean Air Act (TCAA) the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.

Name (printed): Chase Coleman

Signature (original signature required):



Date: 7/23/20

**Texas Commission on Environmental Quality
Form PI-1S
Registration for Air Standard Permit
(Page 9)**

IX. Copies of the Registration		
Copies must be sent as listed below. Processing delays will occur if copies are not sent as noted.		
Air Permits Initial Review Team (APIRT)	<p>Regular, Certified, Priority Mail Mail Code 161, P.O. Box 13087, Austin, Texas 78711-3087</p> <p>OR</p> <p>Hand Delivery, Overnight Mail Mail Code 161, 12100 Park 35 Circle, Building C, Third Floor, Room 300 W, Austin, Texas 78753</p>	Originals of Form PI-1S, Core Data Form, all attachments. Not required if using ePermits ² .
Revenue Section TCEQ	<p>Regular, Certified, Priority Mail Mail Code 214, P.O. Box 13088, Austin, Texas 78711-3088</p> <p>OR</p> <p>Hand Delivery, Overnight Mail Mail Code 214, 12100 Park 35 Circle, Building A, Third Floor, Austin, Texas 78753</p>	Original Money Order or Check, Copy of Form PI-1S, Core Data Form. Not required if fee was paid using ePay ³ .
Appropriate TCEQ Regional Office	To find your regional office address go to www.tceq.texas.gov/assets/public/comm_exec/pubs/qi/qi-002.pdf or call (512) 239-1250	Copy of Form PI-1S, Core Data Form, and all attachments. Not required if using ePermits ²
Appropriate Local Air Pollution Control Program(s)	To find your local air pollution control programs go to www.tceq.texas.gov/permitting/air/local_programs.html or call (512) 239-1250	Copy of Form PI-1S, Core Data Form, and all attachments

² ePermits located at www3.tceq.texas.gov/steers/

³ ePay located at www.tceq.texas.gov/epay/

TCEQ-10370 (APDG 5235v29, Revised 01/19) PI-1S

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600492631		RN 100720952

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
YARRINGTON ROAD MATERIALS, L.P.			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0013061610	17429592003	742959200	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input checked="" type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:			
15. Mailing Address:	PO BOX 5555		
	City	AUSTIN	State TX ZIP 78763 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		chase.coleman@yarringtonroadmaterials.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(512) 306-7800		() -	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
CONCRETE BATCH PLANT 1	

23. Street Address of the Regulated Entity: (No PO Boxes)	1401 YARRINGTON ROAD						
	City	SAN MARCOS	State	TX	ZIP	78666	ZIP + 4
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:							
26. Nearest City	SAN MARCOS				State	TX	Nearest ZIP Code
27. Latitude (N) In Decimal:	29.945467°			28. Longitude (W) In Decimal:	-97.871778°		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	56	43.68	97	52	18.40		
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
1611							
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
CONCRETE READY MIX							
34. Mailing Address:	PO BOX 5555						
	City	AUSTIN	State	TX	ZIP	78763	ZIP + 4
35. E-Mail Address:							
36. Telephone Number		37. Extension or Code			38. Fax Number (if applicable)		
(512) 306-7800					() -		

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.


<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

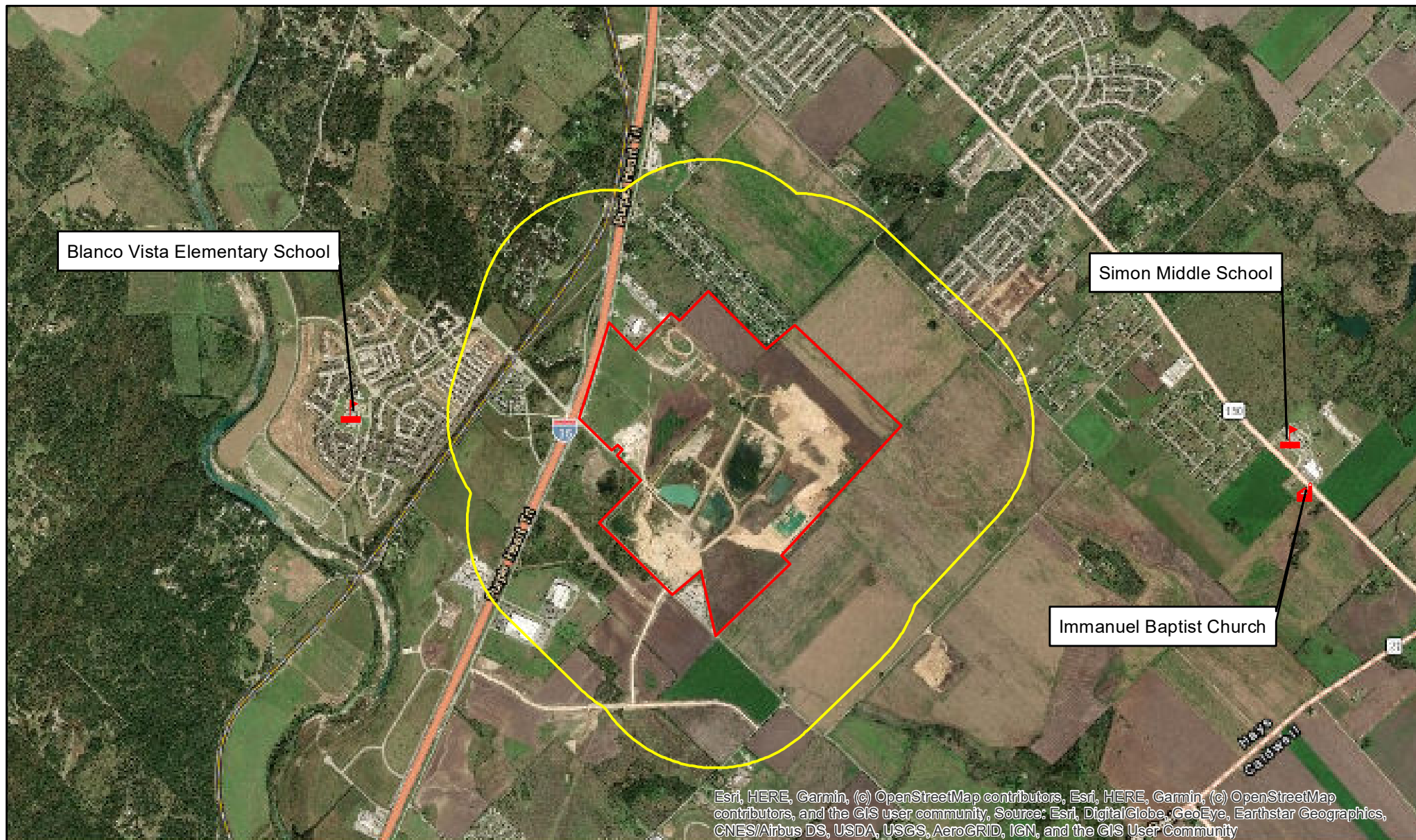
SECTION IV: Preparer Information

40. Name:	COLEMAN, CHASE	41. Title:	PRESIDENT
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 306-7800		() -	chase.coleman@yarringtonroadmaterials.com





SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	YARRINGTON ROAD MATERIALS LP	Job Title:	PRESIDENT
Name (In Print):	CHASE COLEMAN	Phone:	(512) 306-7800
Signature:		Date:	7/23/20



Legend

-  Church
-  School
-  3,000 ft Radius
-  Property Boundary

Source: World Imagery (2018)

Datum: WGS 1984

bsi.

7000 North MoPac Expressway
Suite 2148
Austin, Texas 78731

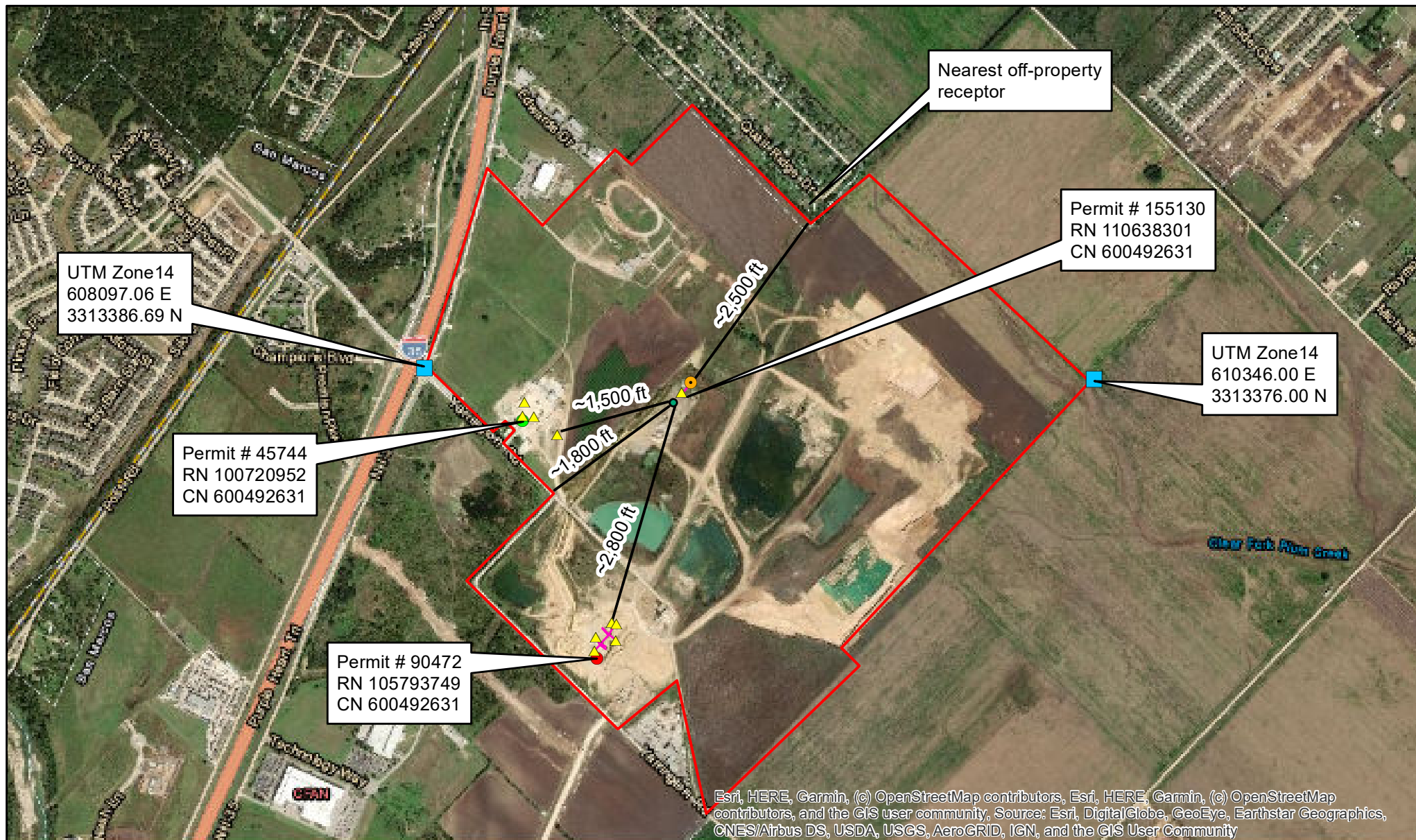


Location:
29°56'43.68"N
97°52'18.40"W

Yarrington Road Materials, L.P.
1401 Yarrington Road
San Marcos, TX 78666
Area Map

1 inch = 3,500 feet

Date: July 2020



- Legend**
- Benchmark Locations
 - Truck Loadout
 - ▲ Stockpile
 - Approx. Equip. Loc. Closest to Prop Boundary
 - Concrete Batch Plant
 - Jaw Crusher
 - Conveyor Belt
 - Distance (ft)
 - Property Boundary

Source: World Imagery (2018)

Datum: WGS 1984

bsi.

7000 North MoPac Expressway
Suite 2148
Austin, Texas 78731

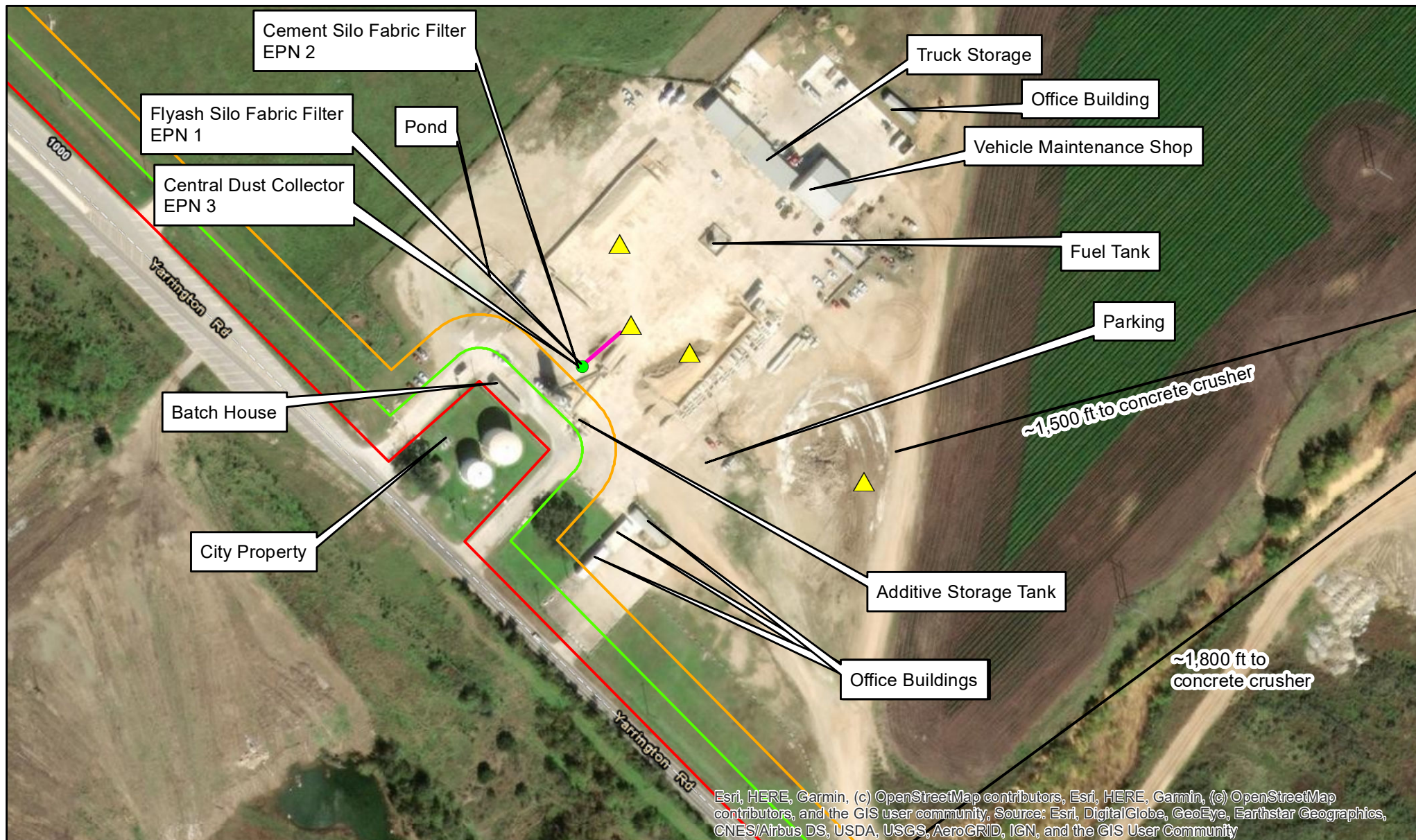


Location:
29°56'43.68"N
97°52'18.40"W

Yarrington Road Materials, L.P.
1401 Yarrington Road
San Marcos, TX 78666
Plot Plan

1 inch = 1,700 feet

Date: July 2020



Legend

- ▲ EPN STP: Stockpile
- Concrete Batch Plant
- Conveyor Belt/ Material Handling
- Distance (ft)
- 100 ft Setback
- 50ft Setback
- Property Boundary

Source: World Imagery (2018)

Datum: WGS 1984

bsi.

7000 North MoPac Expressway
Suite 2148
Austin, Texas 78731



Location:
29°56'43.68"N
97°52'18.40"W

Yarrington Road Materials, L.P.
1401 Yarrington Road
San Marcos, TX 78666
Plot Plan - Permit No. 45744

1 inch = 230 feet

Date: July 2020

Texas Commission on Environmental Quality
Air Quality Standard Permits
General Requirements Checklist
Title 30 Texas Administrative Code §§116.610-116.615

Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the rule number. The SP forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division web site at:

www.tceq.texas.gov/permitting/air/nav/standard.html.

Most Standard Permits require registration with the commission's Office of Permitting, Remediation, and Registration in Austin. The facilities and/or changes to facilities can be registered by completing a [Form PI-1S](#), "Registration for Air Standard Permit." This checklist should accompany the registration form to expedite any registration review.

CHECK THE MOST APPROPRIATE ANSWERS AND FILL IN THE REQUESTED INFORMATION		
Rule	Questions/Description	Response
116.610(a)(1)	Are there net emissions increases associated with this registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<i>If "YES," will net emission increases of air contaminants from the project, other than those for which a National Ambient Air Quality Standard (NAAQS) has been established, meet the emission limits of § 106.261 or § 106.262?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<i>If "NO," does the specific standard permit exempt emissions from this limit?</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Attach emissions summary and calculations:		
116.610(a)(3)	Do any of the Title 40 Code of Federal Regulations Part (CFR) 60, New Source Performance Standards apply to this registration?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If "YES," list subparts:</i>		
116.610 (a)(4)	Do any Hazardous Air Pollutant requirements apply to this registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "YES," list subparts</i>		
116.610 (a)(5)	Do any maximum achievable control technology (MACT) standards as listed under 40 CFR Part 63 or Chapter 113, Subchapter C (National Emissions Standard for Hazardous Air for Source Categories) apply to this registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "YES," list subparts:</i>		
116.610(a)(6)	Will additional emission allowances under Chapter 101, Subchapter H, Division 3, Emissions Banking and Trading, need to be obtained following this registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
116.611(a)(1-6)	Is the following documentation included with this registration:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Emissions calculations including the basis of the calculations?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Quantification of all emission increases and/or decreases associated with this project?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Sufficient information demonstrating that this project does not trigger PSD or NNSR review?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Description of efforts to minimize collateral emissions increases associated with this project?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Process descriptions including related processes?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Description of any equipment being installed?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Air Quality Standard Permits
General Requirements Checklist
Title 30 Texas Administrative Code §§116.610-116.615

Rule	Question/Description	Response
116.614	Are the required fee and a copy of the check or money order provided with the application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
116.615(1)	Will emissions from the facility comply with all applicable rules and regulations of the commission adopted under Texas Health and Safety Code, Chapter 382, and with the intent of the Texas Clean Air Act?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
116.615(2)	Do you understand that all representations with regard to construction plans, operating procedures, and maximum emission rates in this registration become conditions upon which the facility will be constructed and operated?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
116.615(3)	Do you understand that all changes authorized by this registration need to be incorporated into the facility's permit if the facility is currently permitted under §116.110 (relating to Applicability)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>List all related permit numbers:</i>		
116.615(9)617(e)(1)	Will all air pollution emission capture and abatement equipment be maintained in good working order?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
116.615(10)	Will the facility comply with all applicable rules and regulations of the TCEQ, the Texas Health and Safety Code, Chapter 382, and the Texas Clean Air Act?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Save Form

Reset Form



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

The following checklist has been developed so the Texas Commission on Environmental Quality (TCEQ), Air Permits Division (APD) can confirm that the concrete batch plant meets the standard permit requirements. Please read all questions and select YES, NO, N/A, or give specific information for the facility. If the concrete batch plant does not meet all conditions of this standard permit, it will not be allowed to operate under the standard permit and must apply for a case-by-case preconstruction permit as required under Title 30 Texas Administrative Code (TAC) §116.110. Sections 3 through 7 are requirements for all concrete batch plant standard permit applications. Sections 8, 9, and 10 are specific requirements required for either temporary, permanent, or specialty plants.

Facility Type		
Check the facility type authorized		
<input type="checkbox"/> Temporary Concrete Batch Plant (Complete Sections 3-7 and 8)		
<input checked="" type="checkbox"/> Permanent Concrete Batch Plant (Complete Sections 3-7 and 9)		
<input type="checkbox"/> Specialty Concrete Batch Plant (Comp Sections 3-7 and 10)		
Condition Number and Description		
(3)	Administrative Requirements	
(3)(A)	Are the form PI-1S, Registrations for Air Standard Permit, Table 11, Fabric Filters, Table 20, Concrete Batch Plants attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If applicable, is Table 29 Reciprocating Engines attached?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will copies of all information be mailed to the Air Permits Division, the TCEQ regional office, and all applicable local programs?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(B)	Was the \$900 fee sent to the TCEQ Revenue Section? (The fee is not required if the facility meets the requirements of being in or adjacent to the right of way of a public works project.)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(C)	Has construction and/or operation begun on the facility?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(G)	Will this facility qualify for relocation under section (8)(F)? (If yes, the facility will be exempt from public notice requirements in section (4) of this standard permit.)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(3)(H)	Will construction commence within 18 months of written approval from the Executive Director in accordance with 30 TAC § 116.120(a)(1), Voiding of Permits?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(J)	Will records be maintained and kept for a rolling 24 months?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(3)(K)	Will abatement equipment failure or emissions deviations in excess of paragraph (5)(B)(iii) be reported in accordance with 30 TAC Chapter 101, General Air Quality Rules as appropriate?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(4)	Public Notice	
(4)	Will the public notice requirements be followed in accordance in 30 TAC Chapter 39, Public Notice?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<p>Is this a temporary facility that is exempt from public notice under 30 TAC § 116.178(b), Relocations and Changes of Location of Portable Facilities?</p> <p>If Yes, please provide a map indicating where the public works right of way is located and the location of the proposed plant. Also provide the name of the project or Texas Department of Transportation project number.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)	General Requirement	
(5)(A)	Will all cement/flyash storage silos, weigh hoppers, and auxiliary storage tanks be vented to a fabric/cartridge filter or a central fabric/cartridge filter system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(i)	Will fabric/cartridge filters and collection systems be operated properly with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(ii)	Will filter systems (including any central filter system) be designed to meet a minimum control efficiency of at least 99.5 percent at particle sizes of 2.5 microns and smaller?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iii)	Will all filter systems meet visible emissions performance standards?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(B)(iv)	Will cement and/or flyash silo filter exhausts be equipped with sufficient illumination to observe visible emissions performance if filled during non-daylight hours?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(i)	Will conveying systems to and from the storage silos be properly operated, remain totally enclosed, and maintained with no tears or leaks?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(C)(ii)	During cement/flyash storage silo filling, except for connecting or disconnecting, will you keep a standard of having no visible emissions for more than 30 seconds in any six-minute period from the conveying system?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D)	Is there an automatic shut-off or warning device installed on each bulk storage silo?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(D)(i)	If an automatic shut-off device is installed, will it shut down the loading operations on each bulk storage silo or auxiliary storage tank prior to reaching capacity?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(5) General Requirement <i>(continued)</i>		
(5)(D)(ii)	If a warning device is used, will it alert operators in sufficient time to prevent an adverse impact on the pollution abatement equipment or other parts of the loading operation?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
	Do you regularly prevent particle build-up on visible warning devices?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(D)(iii)	Will warning devices or shut-off systems be tested at least monthly during operations and records kept indicating test and repair results in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)	The following methods will be used to control emissions from in-plant roads and traffic areas:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(i)	Watering.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(E)(ii)	Treated with dust-suppressant chemicals (as described in the application of aqueous detergents, surfactants, and other cleaning solutions in the de minimis list).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iii)	Covered with a material such as, (but not limited to), roofing shingles or tire chips and used in combination with (i) or (ii) above.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(E)(iv)	Paved with a cohesive hard surface that is maintained intact and cleaned.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(5)(F)	Will dust emissions from all stockpiles be minimized at all times by sprinkling with water, dust-suppressant chemicals, or covered?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(G)	Will all material spills be immediately cleaned up and contained or dampened so dust emissions are minimized?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(5)(H)	Will visible emissions leave the property for more than 30 seconds in duration in any six-minute period during normal plant operations as determined using EPA Test Method 22?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will quarterly visible emission observations be performed and recorded in accordance with Section (3)(J) of this standard permit?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If visible emissions exceed Test Method 22 criteria, will immediate corrective action be taken and documented?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(I)	Will the concrete batch plant be located at least 550 feet from any crushing plant or hot mix asphalt plant?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	If no, will the concrete batch plant operate at the same time as the crushing plant or hot mix asphalt plant?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(5) General Requirement (continued)		
(5)(J)	Are multiple concrete batch plants being operated on the same site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	Will site production limits be maintained per Sections (8), (9), or (10)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(5)(K)	Will any concrete additives emit volatile organic compounds (VOC)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(6) Engines		
(6)(A)	Will the horsepower (or combined horsepower) of the stationary compression ignition internal combustion engine(s) exceed 1,000 horsepower?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(6)(C)	Will the engine exhaust stack be a minimum of eight feet tall?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(6)(D)	Will fuel for the engine be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and not consist of a blend containing waste oils or solvents?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(7) Planned Maintenance, Startup, and Shutdown (MSS) Activities		
	Will planned maintenance activities receive separate authorization or meet the conditions of 30 TAC § 116.119, De Minimis Facilities or Sources?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
(8) Additional Requirements for Temporary Concrete Batch Plants		
(8)(A)	Will the site production rate be limited to 300 cubic yards in any one hour (cy/hr) not to exceed 6,000 cubic yards per day?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(8)(B)	Will the suction shroud be vented to a fabric or cartridge filter system with a minimum of 5,000 actual cubic feet per minute (acfm)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(8)(C)	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(8)(D)(i)	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Note: For concrete batch plants that supply concrete for a single public works project, the property line measurements for purposes of compliance with this standard permit shall be made to the outer boundaries of the designated public property, roadway project and associated rights-of-way.</i>		
(8)(D)(ii)	Will all stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 50 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(8)	Additional Requirements for Temporary Concrete Batch Plants <i>(continued)</i>	
(8)(E)(i)	In lieu of meeting the distance requirements in (8)(D) (ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(8)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(8)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(8)(F)(i)	Is a registered portable facility moving to a site for support of a public works project in which the proposed site is located in or contiguous to the right-of-way of the public works project?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(8)(F)(ii)	Is a registered portable facility moving to a site in which a portable facility was located at the site at any time during the previous two years and was the site subject to public notice?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(8)(G)	If (8)(F) conditions are met, forward the required information to the appropriate regional office for final decision.	
(9)	Additional Requirements for Permanent Concrete Batch Plants	
(9)(A)	Will the site production rate be limited to no more than 300 cubic yards in any one hour, not to exceed 6,000 cubic yards per day?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(9)(B)	Will the suction shroud or other pickup device be installed at the batch drop point (drum feed for central mix plants)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Will the suction shroud or other pickup device be vented to a fabric or cartridge filter system with a minimum of 5,000 acfm?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(9)(C)	Will the truck drop point be sheltered by an intact three-sided curtain or equivalent dust control technology that extends below the mixer truck-receiving funnel?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(9)(D)(i)	Will the suction shroud baghouse exhaust be located at least 100 feet from any property line?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(D)(ii)	Will all stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 50 feet from any property line?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(9)(E)(i)	In lieu of meeting the distance requirements in (9)(D)(ii), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



Air Quality Standard Permit for Concrete Batch Plants Registration Checklist

(9) Additional Requirements for Permanent Concrete Batch Plants <i>(continued)</i>		
(9)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(9)(E)(iii)	Will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(9)(F)	Will all entry and exit roads and main traffic routes associated with the operation of the concrete batch plant (including batch truck and material delivery truck roads) be paved with a cohesive hard surface that can be maintained intact and cleaned?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Will all batch trucks and material delivery trucks remain on the paved surface when entering, conducting primary function, and leaving the property?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	Will all other traffic areas, except entry and exit roads and main traffic routes, be maintained using the control requirements of subsection (5)(E) of this standard permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
(10) Additional Requirements for Specialty Concrete Batch Plants		
(10)(A)	Will the site production rate be limited to no more than 30 cubic yards per hour?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(B)	As an alternative to the requirement in subsection (5)(A) of this standard permit, will the cement/fly ash weigh hopper be vented inside the batch mixer?	<input type="checkbox"/> YES <input type="checkbox"/> NO
(10)(C)(i)	Will the dust emissions at the batch mixer be controlled using a suction shroud or other pickup device delivering air to a fabric or cartridge filter?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(ii)	Will the dust emissions at the batch mixer be controlled using an enclosed batch mixer feed?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(C)(iii)	Will the dust emissions at the batch mixer be controlled by conducting the entire mixing operation inside an enclosed process building?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(D)	Will all vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located or operated at least 25 feet from any property line?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(i)	In lieu of meeting the distance requirements in (10)(D), will the roads and other traffic areas within the buffer distance be bordered by dust suppressing fencing or other barriers along all traffic routes or work areas?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(10)(E)(ii)	Will these borders be constructed to a height of at least 12 feet?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Reset Form

Yarrington Road Materials, L.P. Process Description

Yarrington Road Materials, L.P. (Yarrington) operates a concrete batch plant under Permit No. 45744 and is located at 1401 Yarrington Road, San Marcos, TX. This permitting action seeks to renew Permit No. 45744.

The following is a general list of significant materials which are presently handled or have been handled or received, stored, or processed at the facility.

- Limestone Aggregate;
- Pea Gravel;
- Sand;
- Flyash;
- Cement; and
- Liquid Cement Additives.

Limestone aggregate, pea gravel, and sand are delivered by truck and transferred by front end loaders to the east side of the facility and stockpiled. These incoming raw materials are dry on receipt and will be washed and wet, and therefore emissions will be minimal. Flyash and cement are stored in bulk storage silos.

The limestone aggregate, pea gravel, and sand are stored in stockpiles until ready for use. Front end loaders take the material from the stockpiles to the conveyor belt where it is transported to elevated bins. Material in the elevated bins is gravity fed into the weigh hopper where it is transferred by conveyor belt to the adjacent batch house. From the batch house, aggregate, sand, and pea gravel are conveyed to the mixer truck.

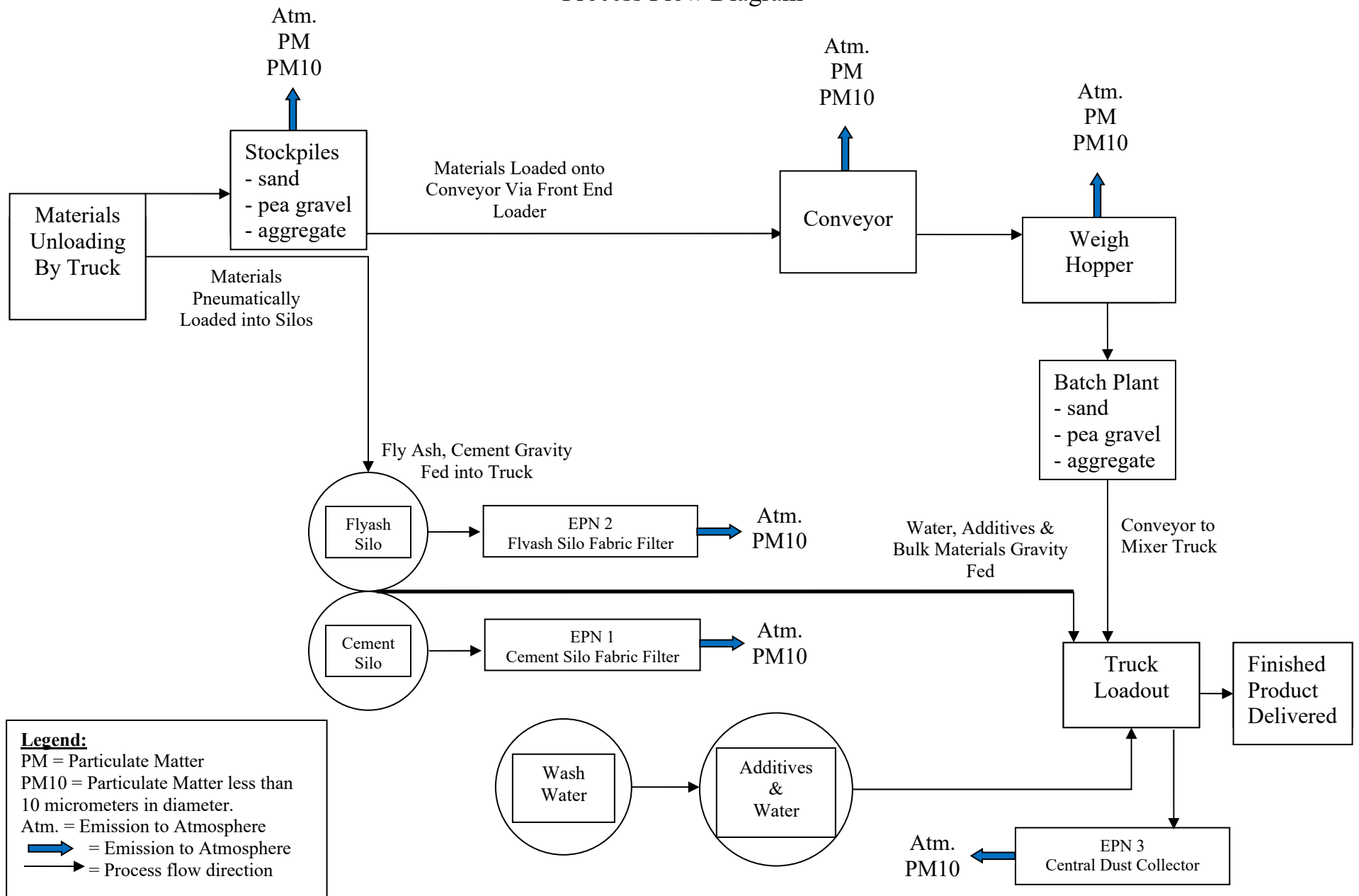
Bulk cement and flyash will be received by truck and will be pneumatically loaded through the fill pipeline into the silos for storage. Dust emissions from the silos will be controlled by individual fabric filters.

Cement, flyash, and water are gravity fed into the mixer truck. The dust emissions at the loading point will be contained by a truck load-out suction shroud controlled by the central dust collector.

Liquid cement additive will arrive in drums and be gravity fed directly into the mixing truck. There will be no emissions associated with this process.

Equipment at this facility is powered by electric power delivered from the power grid. The facility does not utilize a stand-alone diesel generator.

Yarrington Road Materials, L.P. Process Flow Diagram



Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) website at www.tceq.texas.gov/permitting/air.

A. Emission Point Number (EPN) and Emission Point Name				
EPN: EPN 3		Emission Point Name: Central Dust Collector		
B. Manufacturer and Model Numbers (No.)				
Manufacturer No.: DCS RA-1200		Model No.:		
C Name of Source(s) or Equipment Being Controlled				
Name	EPN	FIN		
Central Dust Collector	EPN 3			
D. Type of Particulate Controlled				
Cement, Flyash & Aggregate Dust				
E. Gas Stream Characteristics				
Design Maximum	Average Expected Flow Rate (acfm)	Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
5000	5000	Ambient	Inlet:	Outlet: .01
Pressure Drop (inches of H ₂ O)	Water Vapor Content of Effluent Stream (lb water/lb dry air)	Fan Requirements		
N/A	N/A		hp: 10	ft ³ /min.:
F. Particulate Distribution (By Weight)				
Micron Range	Inlet %	Outlet %		
0.0-0.5				
0.5-1.0				
1.0-5.0				
5-10				
10-20				
over 20				
G. Filter Characteristics				
Filtering Velocity (acfm/ft ² of Cloth)	Bag Diameter (inches)	Bag Length (feet)	Total Number of Bags	
5.2	8	9.5	48	

Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

H. Bag Rows	
Indicate the arrangement of the baghouse bag filter rows.	<input type="checkbox"/> Staggered <input checked="" type="checkbox"/> Straight
I. Walkways	
Will walkways be provided between banks of bags?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
J. Filtering Material	
Identify the filtering media:	
Heat Treated Dacron Polyester	
Any additional coating or treatment of the baghouse material:	
K. Cleaning of the Filter(s)	
Describe Bag Cleaning Method and Cycle:	
Automatic Sequential Cleaning	
L. Cost	
Capital Installed Cost: \$35,000.00	
Annual Operating Cost: \$1,400.00	

Note: Attach the details regarding the principle of operation and an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size and shape.

If the device has bypasses, safety valves, etc., include in the drawing and specify when such bypasses are to be used and under what conditions.

Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) website at www.tceq.texas.gov/permitting/air.

A. Emission Point Number (EPN) and Emission Point Name				
EPN: 2		Emission Point Name: Cement Silo Fabric Filter		
B. Manufacturer and Model Numbers (No.)				
Manufacturer No.:		Model No.: Souther SDC-160		
C Name of Source(s) or Equipment Being Controlled				
Name	EPN	FIN		
Cement Silo	2			
D. Type of Particulate Controlled				
Cement				
E. Gas Stream Characteristics				
Design Maximum	Average Expected Flow Rate (acfm)	Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
600	450	Ambient	Inlet:	Outlet: .01
Pressure Drop (inches of H ₂ O)	Water Vapor Content of Effluent Stream (lb water/lb dry air)		Fan Requirements	
N/A	N/A	N/A	hp: N/A	ft ³ /min.: N/A
F. Particulate Distribution (By Weight)				
Micron Range	Inlet %		Outlet %	
0.0-0.5				
0.5-1.0				
1.0-5.0				
5-10				
10-20				
over 20				
G. Filter Characteristics				
Filtering Velocity (acfm/ft ² of Cloth)	Bag Diameter (inches)	Bag Length (feet)	Total Number of Bags	
3.4	8.25	5.75	14	

Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

H. Bag Rows	
Indicate the arrangement of the baghouse bag filter rows.	<input type="checkbox"/> Staggered <input checked="" type="checkbox"/> Straight
I. Walkways	
Will walkways be provided between banks of bags?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Filtering Material	
Identify the filtering media:	
Heat Treated Dacron Polyester	
Any additional coating or treatment of the baghouse material:	
K. Cleaning of the Filter(s)	
Describe Bag Cleaning Method and Cycle:	
Electric Vibrator After Each Tanker	
L. Cost	
Capital Installed Cost: \$3,500.00	
Annual Operating Cost: \$500.00	

Note: Attach the details regarding the principle of operation and an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size and shape.

If the device has bypasses, safety valves, etc., include in the drawing and specify when such bypasses are to be used and under what conditions.

Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division (APD) website at www.tceq.texas.gov/permitting/air.

A. Emission Point Number (EPN) and Emission Point Name				
EPN: 1		Emission Point Name: Flyash Silo Fabric Filter		
B. Manufacturer and Model Numbers (No.)				
Manufacturer No.:		Model No.: Souther SDC-160		
C Name of Source(s) or Equipment Being Controlled				
Name	EPN	FIN		
Flyash Silo	1			
D. Type of Particulate Controlled				
Fly ash				
E. Gas Stream Characteristics				
Design Maximum	Average Expected Flow Rate (acfm)	Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
600	450	Ambient	Inlet:	Outlet: .01
Pressure Drop (inches of H ₂ O)	Water Vapor Content of Effluent Stream (lb water/lb dry air)		Fan Requirements	
N/A	N/A	N/A	hp: N/A	ft ³ /min.: N/A
F. Particulate Distribution (By Weight)				
Micron Range	Inlet %		Outlet %	
0.0-0.5				
0.5-1.0				
1.0-5.0				
5-10				
10-20				
over 20				
G. Filter Characteristics				
Filtering Velocity (acfm/ft ² of Cloth)	Bag Diameter (inches)	Bag Length (feet)	Total Number of Bags	
3.4	8.25	5.75	14	

Texas Commission on Environmental Quality

**Table 11
Fabric Filters**

H. Bag Rows	
Indicate the arrangement of the baghouse bag filter rows.	<input type="checkbox"/> Staggered <input checked="" type="checkbox"/> Straight
I. Walkways	
Will walkways be provided between banks of bags?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Filtering Material	
Identify the filtering media:	
Heat Treated Dacron Polyester	
Any additional coating or treatment of the baghouse material:	
K. Cleaning of the Filter(s)	
Describe Bag Cleaning Method and Cycle:	
Electric Vibrator After Each Tanker	
L. Cost	
Capital Installed Cost: \$3,500.00	
Annual Operating Cost: \$500.00	

Note: Attach the details regarding the principle of operation and an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size and shape.

If the device has bypasses, safety valves, etc., include in the drawing and specify when such bypasses are to be used and under what conditions.

Texas Commission on Environmental Quality
Table 20
Concrete Batch Plants

The following table is designed to help you confirm that you meet the requirements of Title 30 Texas Administrative Code Chapter 116. Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality Air Permits Division website at www.tceq.texas.gov/permitting/air/air_permits.html.

Please Complete the Following			
Company Name: Yarrington Road Materials, L.P.			
Plant identification or name: Concrete Batch Plant 1			
Type of plant:	<input checked="" type="checkbox"/> Permanent	<input type="checkbox"/> Temporary	<input type="checkbox"/> Specialty Mix
Type of batching that will be accomplished	<input checked="" type="checkbox"/> Wet (Rotary Mix Truck)	<input type="checkbox"/> Dry	<input type="checkbox"/> Central Mix
Maximum production rates:	cubic yards/hour 150	cubic yards/year 468,000	
Maximum operations:	hours/day 10	days/week 6	weeks/year 52
Does the facility operate at night?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Is a completed table 11 "Fabric Filters," submitted with this application for each fabric filter?			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Silo Information:			
How many silos will this plant have? 2			
What is the volume of each silo (cubic feet)? 3,200			
Explain the method of loading silo(s): Pneumatic			
Is each silo equipped with overload warning device?			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
What type of abatement device will be used on silo vent(s)? baghouses			
How will the batch drop to truck, or central mixer be controlled to prevent dust emissions?			
<input checked="" type="checkbox"/> Suction shroud with exhaust air to central fabric filter <i>(If checked, attach a completed Table 11, "Fabric Filters.")</i>			
<input type="checkbox"/> Flexible discharge spouts with water fog ring <i>(If checked, attach design drawing.)</i>			
<input type="checkbox"/> Other type of abatement device <i>(If checked, explain in detail and attach design-drawing.)</i>			
What is the distance from the water fog ring or central bag house stack to the nearest property line (ft.): 100			
How will the cement weigh hopper be vented?			
<input type="checkbox"/> Cement Fly Ash Silo Fabric Filter <i>(If checked, attach a completed Table 11, "Fabric Filters.")</i>			
<input checked="" type="checkbox"/> Central Fabric Filter <i>(If checked, attach a completed Table 11, "Fabric Filters.")</i>			
<input type="checkbox"/> Other <i>(Please indicate)</i>			

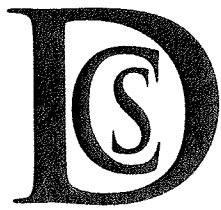
Texas Commission on Environmental Quality
Table 20
Concrete Batch Plants

The following table is designed to help you confirm that you meet the requirements of Title 30 Texas Administrative Code Chapter 116. Tables, checklists, and guidance documents pertaining to air quality permits are available from the Texas Commission on Environmental Quality Air Permits Division website at www.tceq.texas.gov/permitting/air/air_permits.html.

Please Complete the Following <i>(continued)</i>	
Will the sand and aggregate be washed prior to delivery at your facility?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
What is the number of acres or square feet which will be covered by aggregate stockpiles?	
10	acres or square feet
Water sprays will be used at the following locations:	
<input checked="" type="checkbox"/> Stockpiles	<input type="checkbox"/> Aggregate Bin Outlets <input type="checkbox"/> Convey or Transfer Points <input type="checkbox"/> Screens
How will plant roads be treated to prevent dust emissions?	
<input type="checkbox"/> Paved and Cleaned (asphalt or concrete)	<input type="checkbox"/> Chemical Sprayed <input checked="" type="checkbox"/> Water Sprinkled <input type="checkbox"/> Gravel
<input type="checkbox"/> Paved and Vacuumed	

Save Form

Reset Form

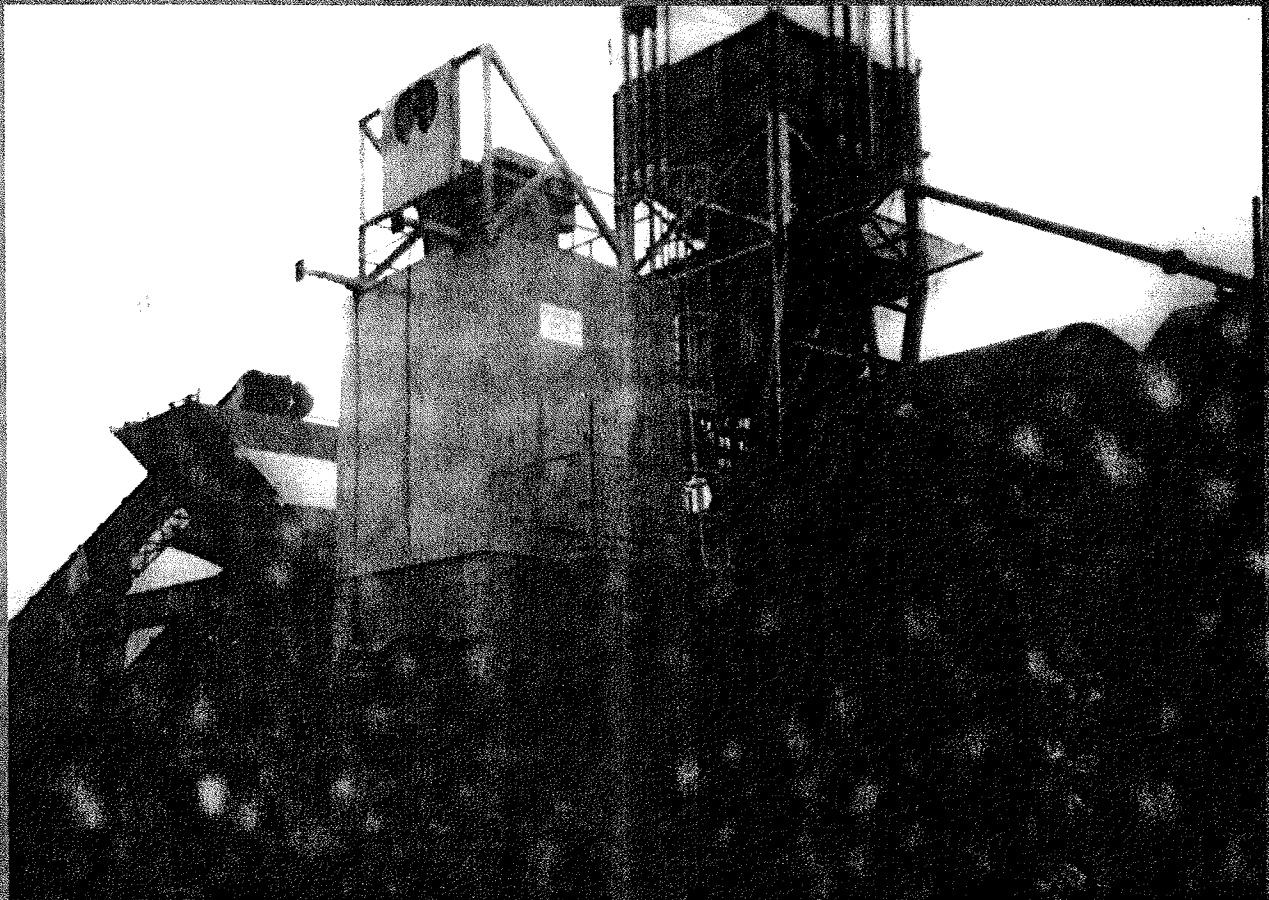


DUST CONTROL SYSTEMS & EQUIPMENT

A DIVISION OF CURTIS WHITUS, INC.

P.O.Box 794 • Mansfield, Texas 76063
Phone (817) 572-7878 • FAX (817) 478-3786
Toll Free 1-888-DCS-4-HELP
(327-4435)

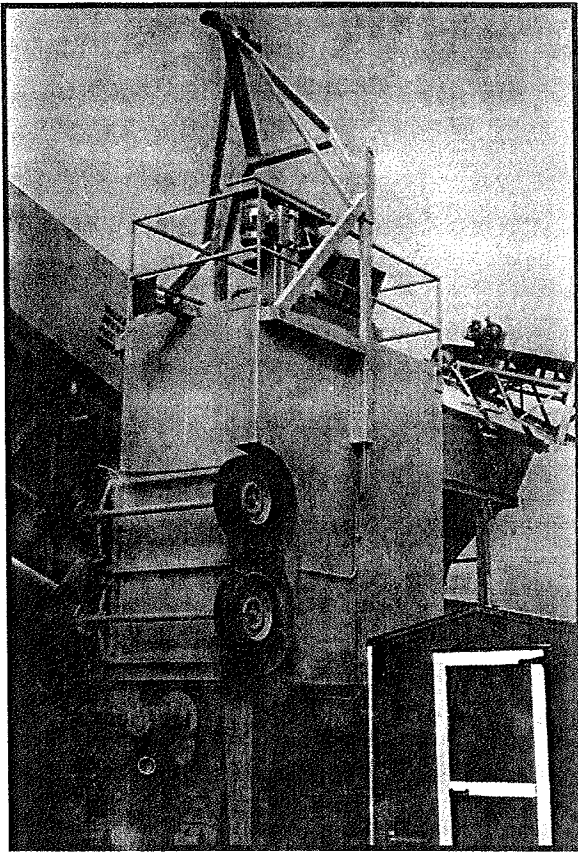
Specializing In Dust Control



Concrete Plant Application

- Reverse Air Collector - Fully Automatic
- High Frequency Shaker Collector
- Silo Collectors
- Weigh Batcher Collector
- Truck Shrouds
- Silo Anti-Overfill Systems





RA-1400 PORTABLE DUST COLLECTOR

REVERSE AIR COLLECTORS-RA SERIES

(STATIONARY & PORTABLE UNITS AVAILABLE)

FEATURING:

- Automatic control panel - bag cleaning
- Magnahelic gauge for bag and system maintenance control
- OSHA - approved ladders, platforms, kick plates and handrails
- 65° Wedge hopper with 6" screw conveyor
- 10.5 oz. seamless polyester snap bottom band bags
- Entry doors - 5 feet tall

OPTIONAL EQUIPMENT:

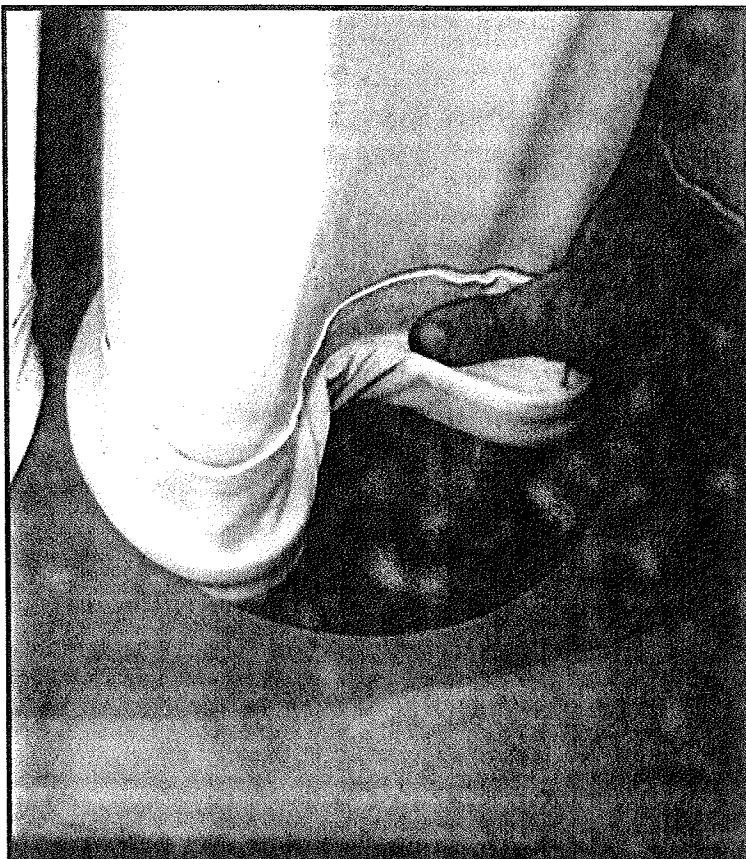
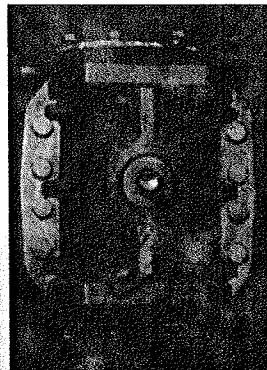
- Cement recycle system
- Automatic recycle system
- Portable collectors available
- Anti-overfill system
- Hopper level controller
- Custom Shrouds

SILO ANTI-OVERFILL SYSTEMS

(4" or 5" FILL LINES)

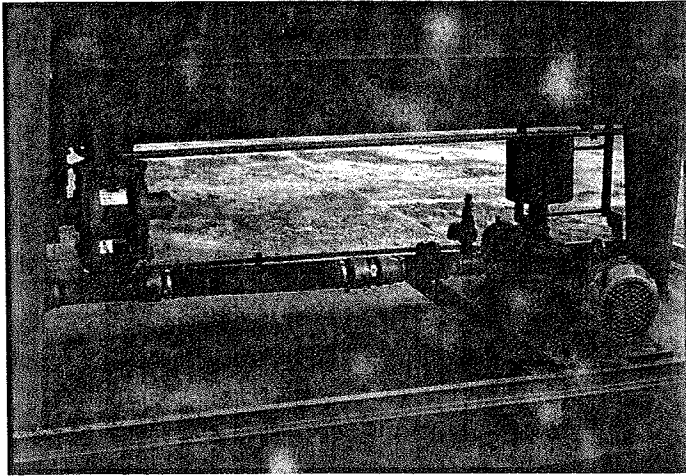
FEATURING:

- Pinch Valve (shown at left)
Butterfly valve is an option
- Control Panel with both a warning light and warning horn. (shown below)
- Small air tank - Plant air compressor can be shut-off after hours. (shown below)



10.5 oz. Seamless Polyester Snap-In Bag.
Note: 3/16-inch tube plate.

OPTIONAL EQUIPMENT FOR ALL COLLECTORS



AUTOMATIC CEMENT RECYCLE SYSTEM

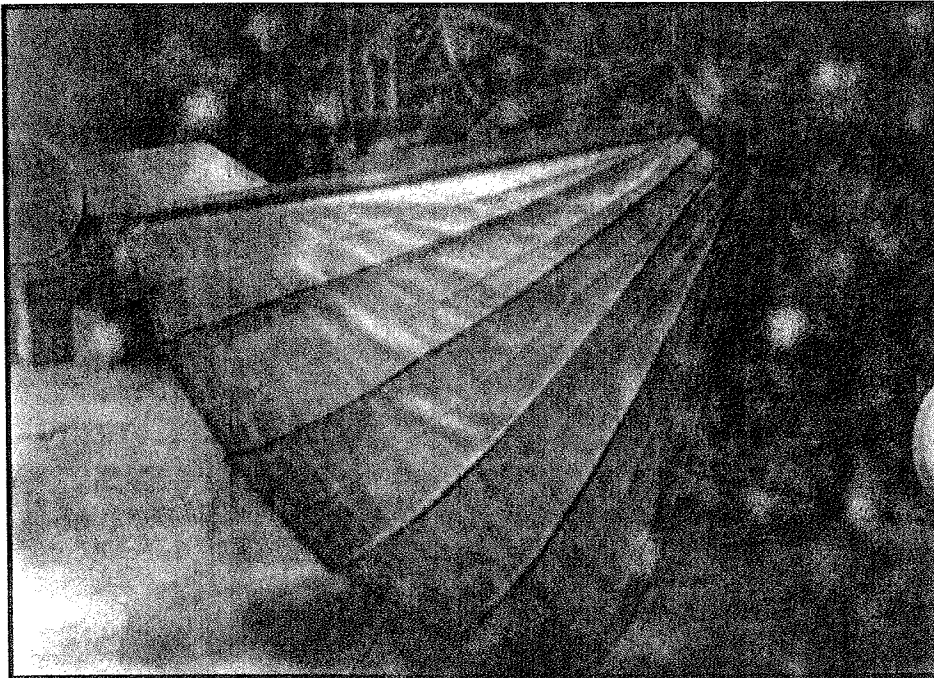
- AUTOMATIC CEMENT RECYCLE SYSTEM FOR RETURNING THE COLLECTED MATERIAL FROM THE COLLECTOR INTO A SILO. ALSO FOR YOUR EXISTING COLLECTORS WE CAN ADD AN AUTOMATIC CEMENT RECYCLE SYSTEM.

SHROUDS ARE AVAILABLE IN SEVERAL STYLES

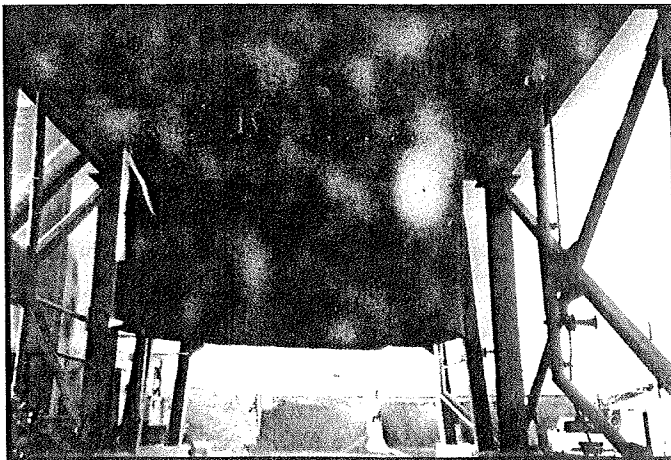
- "TML" COMPLETE WITH SHROUD (SHOWN LEFT)
- STATIONARY SHROUD (TWO VIEWS SHOWN BELOW)
- DOUBLE SHROUD DESIGNED FOR A DRIVE THROUGH APPLICATION
- SNORKEL PICKUP SHROUD FOR DRUM-TYPE MIXER
- CUSTOM SHROUDS QUOTED

DCS CAN PROVIDE YOU WITH

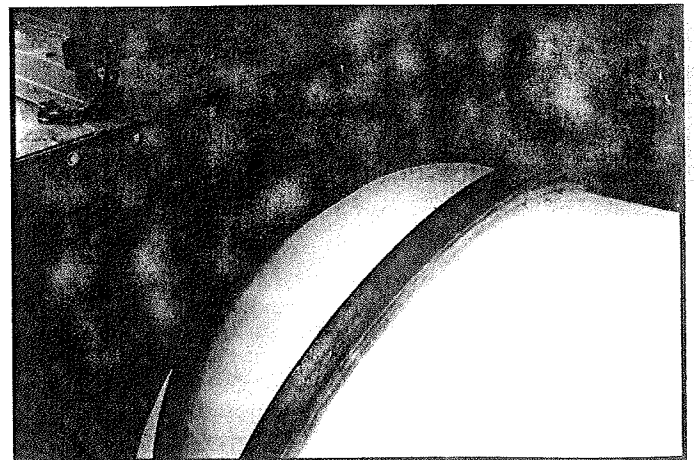
- SILO ANTI-OVERFILL SYSTEMS
- HOPPER LEVEL CONTROLLER
- A SINGLE-SOURCE SUPPLIER FOR FILTER BAGS AND OTHER REPLACEMENT ITEMS
- QUARTERLY INSPECTION & MAINTENANCE PROGRAMS
- CONSULTING SERVICES
- DUST COLLECTORS FOR THE AGGREGATE AND ASPHALT INDUSTRIES



TML SHROUD ASSEMBLY



STATIONARY SHROUD



STATIONARY BACK-IN SHROUD

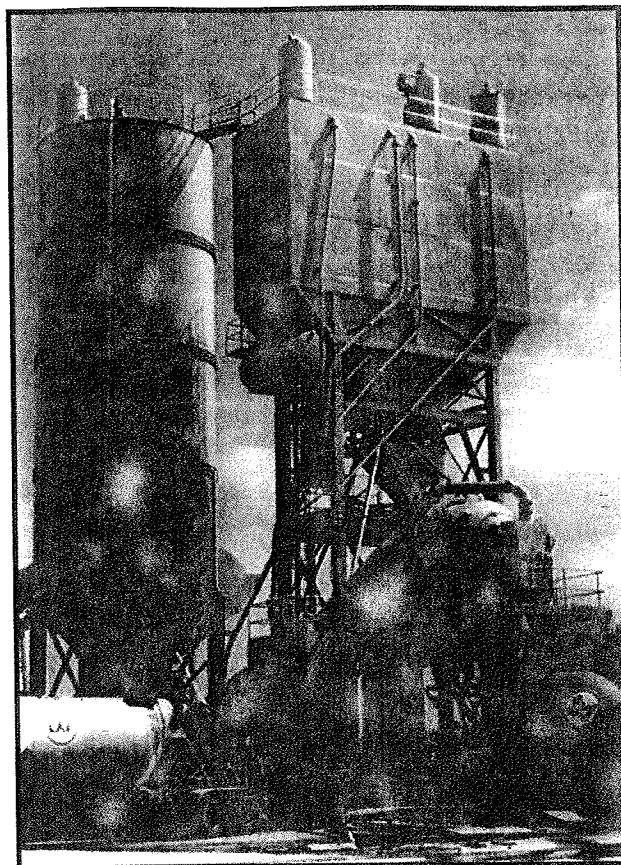
HIGH FREQUENCY SHAKER COLLECTOR - HFS SERIES

FEATURING:

- HIGH FREQUENCY AIR / ELECTRIC VIBRATOR BAG CLEANING
- FAST CLEANING TIME (APPROX. 60 SEC.)
- FAST BAG REPLACEMENT - SNAP-IN BAGS, NO CLAMPS
- CONTROL PANEL
- OSHA APPROVED CATWALKS, LADDERS, & HANDRAILS

OPTIONAL EQUIPMENT:

- Portable Units Available
- Cement Recycle System
- Automatic Cement Recycle System



HFS-1500 STATIONARY DUST COLLECTOR

SILO COLLECTORS

DCS-160

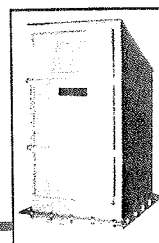


Shown: Standard Door

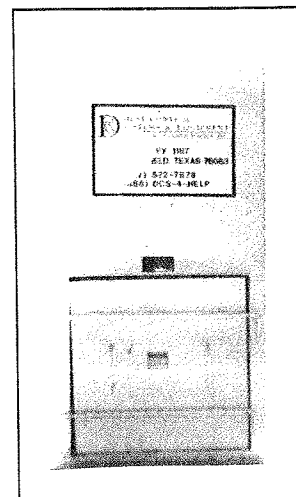
DCS-160	SILO COLLECTOR SERIES	DCS-250
160 sq. ft.	Bag Area (Dacron)	250 sq. ft.
14	Number of Bags	20
69"	Bag Length	69"
8'	Overall Height	8'
42" dia.	Dimension of Mounting Ring O.D.	45" sq.
650	Approximate Weight (lbs.)	800
2	Blower Motor H.P.	3
800	Blower C.F.M.	925
1' or 1 1/2'	Mounting Ring Height	1' or 1 1/2'

Optional Equipment for Silo Dust Collectors

- 1.) Companion Mounting Ring - Short - 12" or Long - 18"
- 2.) Air Vibrator with Solenoid Valve or
- 3.) Electric Vibrator
- 4.) Automatic Control Panel
- 5.) Two Door Sizes Available



DCS-250



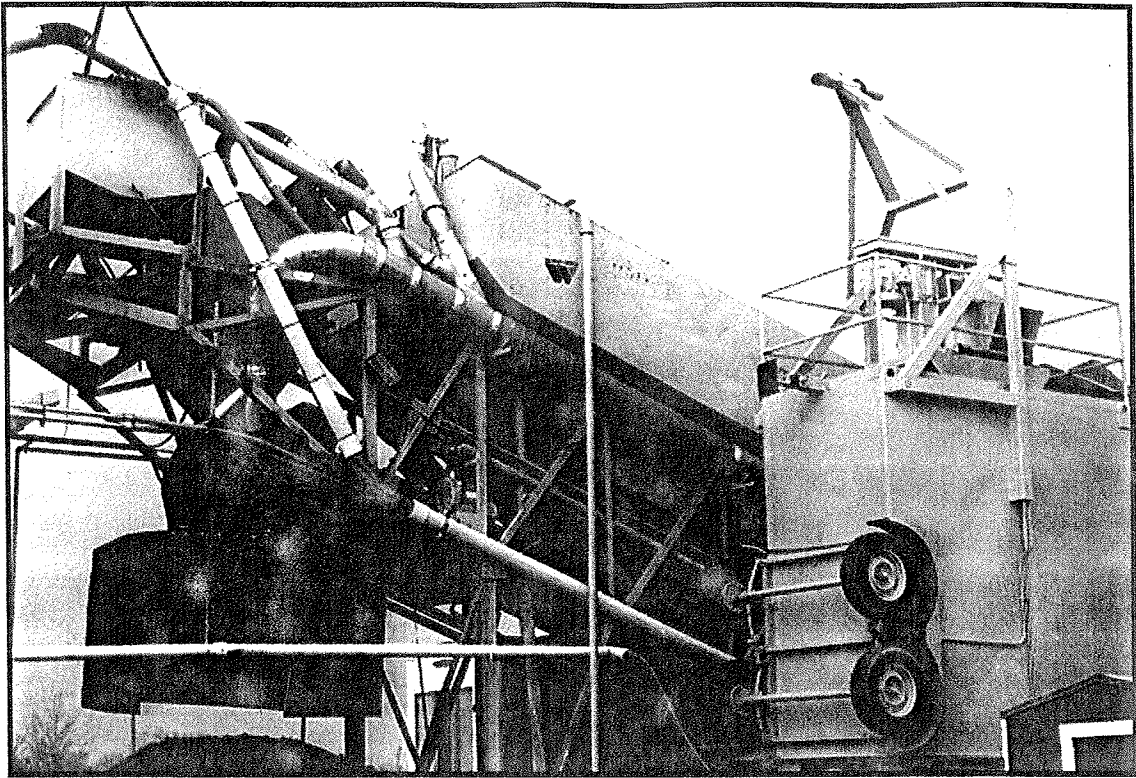
Shown: Small Door

Batch Collector

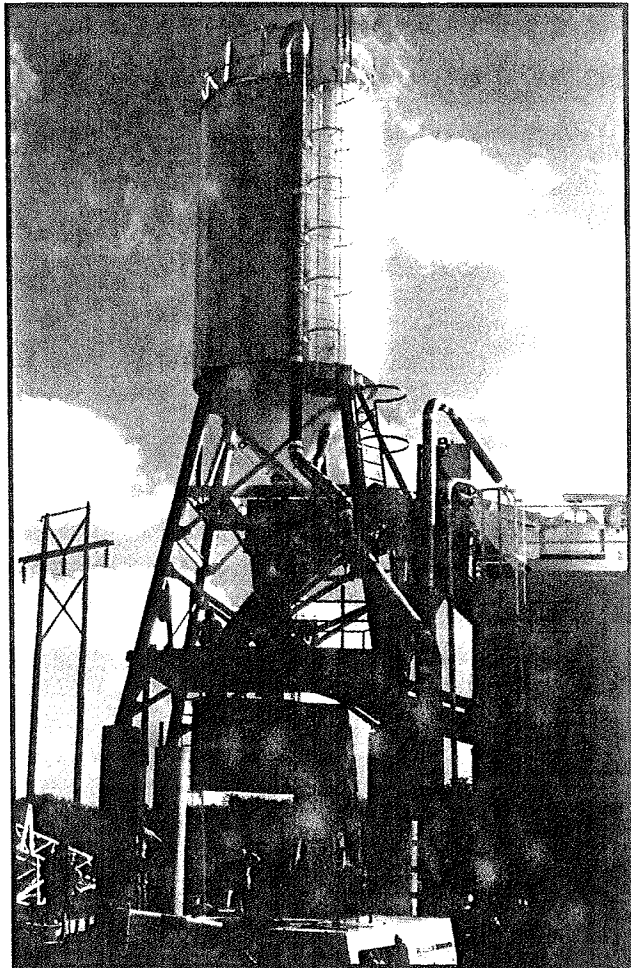
- Bag Area - 16 sq. ft.
- No. of Bags - 4
- Air or electric vibration

SILO SAFETY PRODUCTS

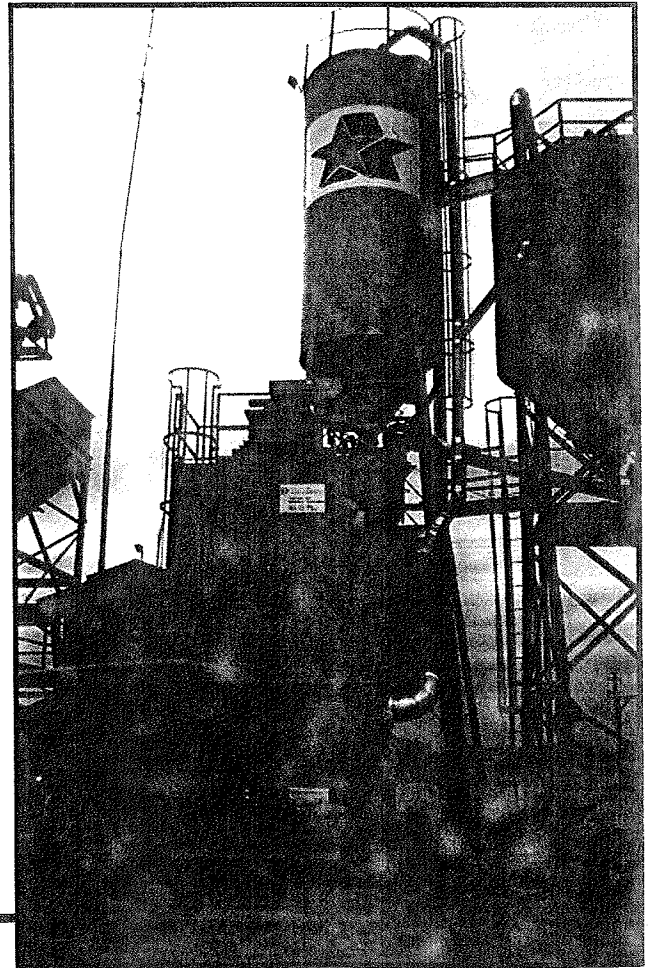
- Pressure Relief Valve
- Anti-Overfill System



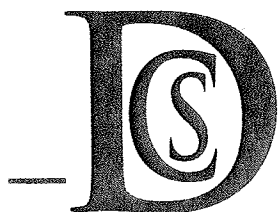
RA-1400 PORTABLE DUST COLLECTOR



RA-1400 STATIONARY DUST COLLECTOR



RA-1400 STATIONARY DUST COLLECTOR



PROVEN LEADERSHIP

Mr. Curtis Whitus, founder and CEO of Dust Control Systems and Equipment (DCS), has over 25 years of dust collection systems design, fabrication, installation and marketing services primary in the ready-mixed concrete, concrete products, and aggregate industries. Mr. Whitus is also the founder of a similar company known as "C&W" (1978). After selling "C&W" in 1992, Mr. Whitus started DCS (1997) at the urging of many customers and end-users to bring back to the industry a quality, high-performing unit.

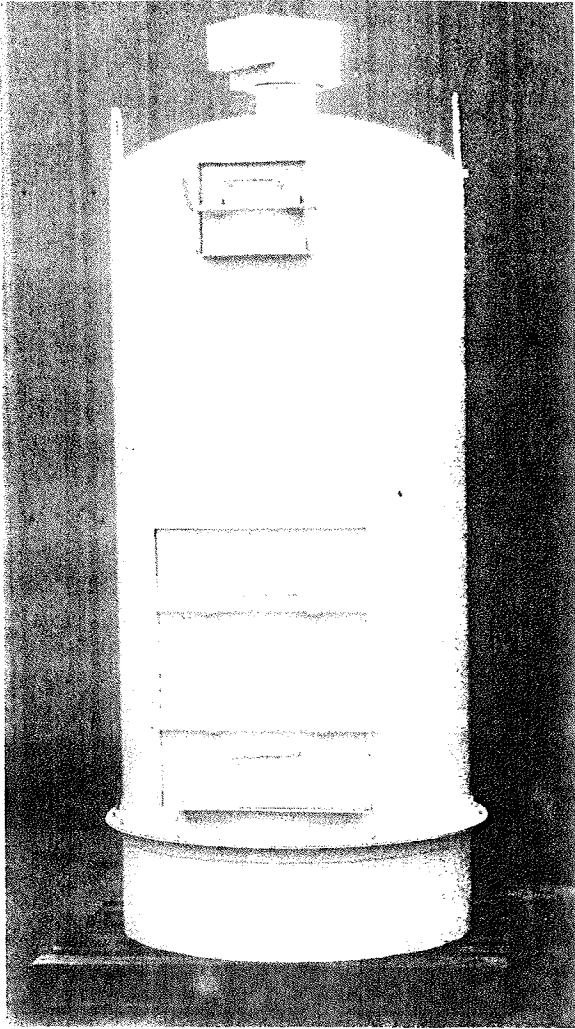
SPECIFICATIONS - AUTOMATIC - REVERSE AIR DUST COLLECTORS

SERIES	RA-1200	RA-1400	RA-2000	RA-2800
BAG AREA (POLYESTER)	1000 SQ. FT.	1400 SQ. FT.	2000 SQ. FT.	2800 SQ. FT.
NO. OF 8" SNAP-IN BAGS	48 BAGS	72 BAGS	108 BAGS	144 BAGS
BAG LENGTH	9'6"	9'6"	9'6"	9'6"
OVERALL HEIGHT	22'	22'	22'	22'
OVERALL WIDTH	6'	6'	6'	6'
OVERALL LENGTH	8'0"	10'6"	15'6"	20'6"
APPROXIMATE WEIGHT (LBS.)	3500	5250	6800	7900
TYPE BLOWER	SQB 13.5"	SQB 20"	SQB 20"	SQB 22.25"
BLOWER MOTOR (H.P.)	10	15	20	25
BLOWER C.F.M.	4000	7000	9000	12,000
NO. OF COMPARTMENTS	2	2	3	4
COLLECTED DUST REMOVAL	SCREW CONVEYOR	SCREW CONVEYOR	SCREW CONVEYOR	SCREW CONVEYOR
APPLICATION	SMALL SINGLE ALLEY	SINGLE ALLEY PLANT	DOUBLE ALLEY PLANT	DOUBLE ALLEY PLANT

Specifications - HFS SERIES DUST COLLECTORS - HIGH FREQUENCY VIBRATOR BAG CLEANING - AIR OR ELECTRIC

SERIES	HFS-500	HFS-1000	HFS-1500	HFS-2000
BAG AREA (DACRON)	500 SQ. FT.	1000 SQ. FT.	1500 SQ. FT.	2000 SQ. FT.
NO. OF 8" SNAP-IN BAGS	24 BAGS	48 BAGS	72 BAGS	96 BAGS
BAG LENGTH	9'6"	9'6"	9'6"	9'6"
OVERALL HEIGHT	22'	22'	22'	22'
OVERALL WIDTH	6'	6'	6'	6'
OVERALL LENGTH	5'4"	8'0"	10'4"	12'10"
APPROXIMATE WEIGHT (LBS.)	2200	2800	4800	6300
TYPE BLOWER	SQB 13.5"	SQB 16.5"	SQB 18.25"	SQB 22.25"
BLOWER MOTOR (H.P.)	5	10	15	15
BLOWER C.F.M.	2500	5000	7000	10,000
NO. OF COMPARTMENTS	1	1	1	1
COLLECTED DUST REMOVAL/ AUTOMATIC RECYCLE (OPTIONAL)	GRAVITY FALL WITH DUMP GATE/YES	GRAVITY FALL WITH DUMP GATE/YES	SCREW CONVEYOR/ YES	SCREW CONVEYOR/ YES
APPLICATION	SPECIAL APPS. SUCH AS RIBBON MIXERS, ETC.	SMALL SINGLE ALLEY PLANTS AND PORTABLE PLANTS	AN ECONOMICAL COLLECTOR FOR SINGLE ALLEY PLANTS	SPECIAL APPS., DOUBLE DRUM PORTABLE PLANTS, ETC.

* PORTABLE UNITS AVAILABLE



SDC- 160

SILO

DUST

COLLECTOR

- **UP DATE YOUR EQUIPMENT TO MEET FEDERAL AND LOCAL REQUIREMENTS**
 - **E - Z INSTALLATION**
- **110 - VOLT BAG CLEANING DEVICE MEANS NO EXPENSIVE CONTROLS**
 - **TWO ACCESS DOORS FOR CONVENIENT MAINTENANCE**
- **OPTIONAL EXHAUST FAN CAN DECREASE YOUR UNLOADING TIME**



5409 W. Ledbetter Dallas, Texas (214) 296-5231

1-800-225-1712 • FAX (214) 296-5607

MODEL "SDC - 160"

MULTIPLE BAG TYPE DUST CONTROLLING SYSTEMS

SPECIFICATIONS FOR:

	"SDC - 160"	"SDC - 160B"
DIAMETER	42"	42"
HEIGHT	8'	9'
WEIGHT	640 LBS.	670 LBS.
BLOWER H.P.	-	2
BLOWER C.F.M.	-	800
FILTER CLEANING METHOD	HI-FREQUENCY ELECTRIC VIBRATOR	

CLOTH SPECIFICATIONS

QUANTITY OF BAGS	14
SIZE OF BAGS	8" DIA. X 69" LG.
BAG TYPE	SNAP - IN
CLOTH AREA	160 SQUARE FEET
MATERIAL	100% DACRON POLYESTER
	SCOURED AND HEAT SET
WEAVE	3 X 1 TWILL
WEIGHT	7.1 OZ./SQ. YD.
PERMEABILITY	12-22 CFM/SQ.FT. @ 1/2" WATER
	PRESSURE DIFFERENTIAL
AIR VOLUME	450 CFM FROM BULK TRUCK
AIR TO CLOTH RATIO	2.8 : 1

STANDARD FEATURES:

ROUND, ONE PIECE ALL WELDED CONSTRUCTION FOR STRENGTH,
DURABILITY AND WATER TIGHTNESS.
LIFTING EYES.
TWO SERVICE DOORS.
SNAP-IN TYPE BAGS FOR EASY REPLACEMENT.
PRIMED AND PAINTED WITH RUST INHIBITING TYPE PAINTS.
MOUNTING HARDWARE INCLUDED.
ELECTRIC VIBRATOR FILTER CLEANING (NO MESSY AIR TO CONTAMINATE
BAGS.)

OPTIONAL EQUIPMENT:

MOUNTING RING X 12" LONG (LONGER RINGS AVAILABLE)
HIGH BIN WARNING SYSTEM
ANTI-OVERFILL SYSTEM.
BLOWER CONTROLS.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



Amendments to the Air Quality Standard Permit for Concrete Batch Plants

Effective Date December 21, 2012

(1) Applicability

- (A) This air quality standard permit authorizes concrete batch plant facilities that meet all of the conditions listed in sections (1) through (7) and one of sections (8), (9), or (10). If a concrete batch plant operates using sections (8), (9), or (10) of this standard permit and operational changes are proposed that would change the applicable section, the owner or operator shall reregister for the concrete batch plant standard permit prior to operating the change.
- (B) This standard permit does not authorize emission increases of any air contaminant that is specifically prohibited by a condition or conditions in any permit issued under Title 30 Texas Administrative Code (30 TAC) Chapter 116, Control of Air Pollution by Permits for New Construction or Modification, at the site.
- (C) This standard permit does not relieve the owner or operator from complying with any other applicable provision of the Texas Health and Safety Code (THSC), Texas Water Code, rules of the Texas Commission on Environmental Quality (TCEQ), or any additional state or federal regulations.

(2) Definitions

- (A) Auxiliary tank - storage containers used to hold raw materials for use in the batching process not including petroleum products and fuel storage tanks.
- (B) Cohesive hard surface - An in-plant road surface preparation including, but not limited to: paving with concrete, asphalt, or other similar surface preparation where the road surface remains intact during vehicle and equipment use and is capable of being cleaned. Cleaning mechanisms may include water washing, sweeping, or vacuuming.
- (C) Concrete batch plant - For the concrete batch plant standard permit, it is a plant that consists of a concrete batch facility and associated abatement equipment, including, but not limited to: material storage silos, aggregate storage bins, auxiliary storage tanks, conveyors, weigh hoppers, and a mixer. Concrete batch plants can add water, Portland cement, and aggregates into a delivery truck, or the concrete may be prepared in a central mix drum and transferred to a delivery truck for transport. This

definition does not include operations that meet the requirements of 30 TAC § 106.141, Batch Mixer or 30 TAC § 106.146, Soil Stabilization Plants.

- (D) Dust suppressing fencing or other barrier - A manmade obstruction that is at least 12 feet high that is used to prevent fugitive dust from stationary equipment stockpiles, in-plant roads, and traffic areas from leaving the plant property.
- (E) Permanent concrete batch plant - For the concrete batch plant standard permit, it is a concrete batch plant that is not a temporary or specialty concrete batch plant.
- (F) Related project segments - For plants on a Texas Department of Transportation right-of-way, related project segments are one contract with multiple project locations or one contractor with multiple contracts in which separate project limits are in close proximity to each other. A plant that is sited on the right-of-way is usually within project limits. However, a plant located at an intersection or wider right-of-way outside project limits is acceptable if it can be easily associated with the project.
- (G) Right-of-way of a public works project - Any public works project that is associated with a right-of-way. Examples of right-of-way public works projects are public highways and roads, water and sewer pipelines, electrical transmission lines, and other similar works. A facility must be in or contiguous to the right-of-way of the public works project to be exempt from the public notice requirements listed in Texas Health and Safety Code, § 382.056, Notice of Intent to Obtain Permit or Permit Review; Hearing.
- (H) Site - The total of all stationary sources located on one or more contiguous or adjacent properties, which are under common control of the same person (or persons under common control).
- (I) Specialty concrete batch plant - For the concrete batch plant standard permit, it is a concrete batch plant with a low production concrete mixing plant that manufactures concrete less than or equal to 30 cubic yards per hour (cu yd/hr). These plants are typically dedicated to manufacturing precast concrete products, including but not limited to burial vaults, septic tanks, yard ornaments, concrete block and pipe, etc. This does not include small repair projects using mortar, grout, gunite, or other concrete repair materials.
- (J) Stationary internal combustion engine - For the concrete batch plant standard permit, it is any internal combustion engine that remains at a location for more than 12 consecutive months and is not defined as a

nonroad engine according to 40 Code of Federal Regulations (CFR) 89.2, Definitions.

- (K) Temporary concrete batch plant - For the concrete batch plant standard permit, it is a concrete batch plant that occupies a designated site for not more than 180 consecutive days or that supplies concrete for a single project (single contract or same contractor for related project segments), but not for other unrelated projects.
- (L) Traffic areas - For the concrete batch plant standard permit, it is an area within the concrete batch plant that includes stockpiles and the area where mobile equipment moves or supplies aggregate to the batch plant and trucks supply aggregate and cement.

(3) Administrative Requirements

- (A) The owner or operator of any concrete batch plant seeking authorization under this standard permit shall register in accordance with 30 TAC § 116.611, Registration to Use a Standard Permit. Owners or operators shall submit a completed, current form PI-1S Registrations for Air Standard Permit, Table 11, Fabric Filters, Table 20, Concrete Batch Plants, and a Concrete Batch Plant Standard Permit checklist.
- (B) Owners or operators shall also comply with 30 TAC § 116.614, Standard Permit Fees, when they are required to complete public notice under section four of this standard permit.
- (C) No owner or operator of a concrete batch plant shall begin construction or operation without obtaining written approval from the TCEQ executive director.
- (D) The time period in 30 TAC § 116.611(b) (45 days) does not apply to owners or operators registering plants under this standard permit.
- (E) Beginning December 21, 2012, all new and modified sources must comply with this standard permit.
- (F) Renewals shall comply with this standard permit on the later of:
 - (i) December 21, 2014; or
 - (ii) the date the facility's registration is renewed.
- (G) Owners or operators of temporary concrete plants seeking registration and those already registered for this standard permit that qualify for relocation

under subsection (8)(F) are exempt from public notice requirements in section (4) of this standard permit.

- (H) During start of construction, the owner or operator of a plant shall comply with 30 TAC § 116.120(a)(1), Voiding of Permits, and commence construction within 18 months of written approval from the Executive Director.
- (I) Owners or operators are not required to submit air dispersion modeling as a part of this concrete batch plant standard permit registration.
- (J) Owners or operators shall keep written records on site for a rolling 24-month period. Owners or operators shall make these records available at the request of TCEQ personnel or any air pollution control program having jurisdiction. Records shall be maintained on-site for the following including, but not limited to:
 - (i) 30 TAC § 101.201, Emissions Event Reporting and Recordkeeping Requirements;
 - (ii) 30 TAC § 101.211, Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements;
 - (iii) production rate for each hour and day of operation that demonstrates compliance with subsection (8)(A), (9)(A), or (10)(A) of this standard permit, as applicable;
 - (iv) all repairs and maintenance of abatement systems;
 - (v) Material Safety Data Sheets for all additives and other chemicals used at the site;
 - (vi) road cleaning, application of road dust control, or road maintenance for dust control;
 - (vii) stockpile dust suppression;
 - (viii) silo warning device or shut-off system tests;
 - (ix) quarterly visible emissions observations and any corrective actions required to control excess visible emissions;
 - (x) demonstration of compliance with subsection (6)(B) of this standard permit; and
 - (xi) type of fuel used to power engines authorized by this standard permit.

- (K) Owners or operators will document and report abatement equipment failure or visible emissions deviations in excess of paragraph (5)(B)(iii) in accordance with 30 TAC Chapter 101, General Air Quality Rules as appropriate.

(4) Public Notice

The owner or operator shall follow the notice requirements in 30 TAC Chapter 39, Public Notice, unless a temporary concrete batch plant is exempted from public notice under 30 TAC § 116.178(b), Relocations and Changes of Location of Portable Facilities.

(5) General Requirements

- (A) Owners or operators shall vent all cement/flyash storage silos, weigh hoppers, and auxiliary storage tanks to a fabric/cartridge filter or to a central fabric/cartridge filter system except as allowed by subsection (10)(B).
- (B) Owners or operators shall maintain fabric or cartridge filters and collection systems by meeting all the following:
 - (i) operating them properly with no tears or leaks;
 - (ii) using filter systems (including any central filter system) designed to meet a minimum control efficiency of at least 99.5 percent at particle sizes of 2.5 microns and smaller;
 - (iii) meeting a performance standard of no visible emissions exceeding 30 seconds in any six-minute period as determined using United States Environmental Protection Agency (EPA) Test Method (TM) 22; and
 - (iv) sufficiently illuminating silo filter exhaust systems when cement or fly ash silos are filled during non-daylight hours to enable a determination of compliance with the visible emissions requirement in paragraph (5)(B)(iii) of this standard permit.
- (C) When transferring cement/flyash, owners or operators shall:
 - (i) totally enclose conveying systems to and from storage silos and auxiliary storage tanks, operate them properly, and maintain them with no tears or leaks; and
 - (ii) maintain the conveying system using a performance standard of no visible emissions exceeding 30 seconds in any six-minute period as

determined using EPA TM 22, except during cement and flyash tanker connect and disconnect.

- (D) The owner or operator shall install an automatic shut-off or warning device on storage silos.
 - (i) An automatic shut-off device on the silo shall shut down the loading of the silo or auxiliary storage tank prior to reaching its capacity during loading operations, in order to avoid adversely impacting the pollution abatement equipment or other parts of the loading operation.
 - (ii) If a warning device is used, it shall alert operators in sufficient time to prevent an adverse impact on the pollution abatement equipment or other parts of the loading operation. Visible warning devices shall be kept free of particulate build-up at all times.
 - (iii) Silo and auxiliary tank warning devices or shut-off systems shall be tested at least once monthly during operations and records shall be kept indicating test and repair results according to subsection (3)(J) of this standard permit. Silo and auxiliary tank loading and unloading shall not be conducted with inoperative or faulty warning or shut-off devices.
- (E) Owners or operators shall control emissions from in-plant roads and traffic areas at all times by:
 - (i) watering them; or
 - (ii) treating them with dust-suppressant chemicals as described in the application of aqueous detergents, surfactants, and other cleaning solutions in the de minimis list; or
 - (iii) covering them with a material such as, (but not limited to), roofing shingles or tire chips and used in combination with (i) or (ii) of this subsection; or
 - (iv) paving them with a cohesive hard surface that is maintained intact and cleaned.
- (F) Owners or operators shall use water, dust-suppressant chemicals, or cover stockpiles, as necessary to minimize dust emissions.
- (G) Owners or operators shall immediately clean up spilled materials. To minimize dust emissions, owners or operators shall contain, or dampen spilled materials.

- (H) There shall be no visible fugitive emissions leaving the property. Observations for visible emissions shall be performed and recorded quarterly. The visible emissions determination shall be made during normal plant operations. Observations shall be made on the downwind property line for a minimum of six minutes. If visible emissions are observed, an evaluation must be accomplished in accordance with U.S. Environmental Protection Agency (EPA) Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, TM 22, using the criteria that visible emissions shall not exceed a cumulative 30 seconds in duration in any six-minute period. If visible emissions exceed the Test Method 22 criteria, immediate action shall be taken to eliminate the excessive visible emissions. The corrective action shall be documented within 24 business hours of completion.
- (I) The owner or operator shall locate the concrete batch plant operating under this standard permit at least 550 feet from any crushing plant or hot mix asphalt plant. The owner or operator shall measure from the closest point on the concrete batch plant to the closest point on any other facility. If the owner or operator cannot meet this distance, then the owner or operator shall not operate the concrete batch plant at the same time as the rock crusher, concrete crusher, or hot mix asphalt plant.
- (J) When operating multiple concrete batch plants on the same site, the owner or operator shall comply with the appropriate site production limits specified in sections (8), (9), or (10) of this standard permit. If engines are being used for electrical power or equipment operations, then the site is limited to a total of 1,000 hp in simultaneous operation. There are no restrictions to engine operations if the engines will be on site for less than 12 consecutive months.
- (K) Concrete additives shall not emit volatile organic compounds (VOCs).
- (L) Any claim under this standard permit shall comply with:
- (i) 30 TAC § 116.604, Duration and Renewal of Registrations to Use Standard Permits;
 - (ii) 30 TAC § 116.605(d)(I), Standard Permit Amendment and Revocation;
 - (iii) 30 TAC § 116.614;
 - (iv) the public notice processes established in THSC, § 382.055, Review and Renewal of Preconstruction Permit;
 - (v) the public notice processes established in THSC, § 382.056;

- (vi) the contested case hearing and public notice requirements established in 30 TAC § 55.152(a)(2), Public Comment Period; and
- (vii) the contested case hearing and public notice requirements established in 30 TAC § 55.201(h)(i)(C), Requests for Reconsideration or Contested Case Hearing.

(6) Engines

- (A) This standard permit authorizes emissions from a stationary compression ignition internal combustion engine (or combination of engines) of no more than 1000 total horsepower.
- (B) Owners or operators of concrete batch plants that include a stationary compression ignition internal combustion engines shall comply with additional applicable engine requirements in 40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds, and any other applicable state or federal regulation.
- (C) Engine exhaust stacks shall be a minimum of eight feet tall.
- (D) Fuel for the engine shall be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and shall not consist of a blend containing waste oils or solvents.

(7) Planned Maintenance, Startup, and Shutdown (MSS) Activities

This standard permit authorizes operations including planned startup and shutdown emissions. Maintenance activities are not authorized by this standard permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119, De Minimis Facilities or Sources.

(8) Additional Requirements for Temporary Concrete Plants

- (A) The owner or operator shall limit site production to no more than 300 cubic yards in any one hour and no more than 6,000 cubic yards per day.
- (B) The owner or operator shall use a suction shroud or other pickup device at the batch drop point (drum feed for central mix plants) and vent it to a fabric or cartridge filter system operating with a minimum of 5,000 actual cubic feet per minute (acfm) of air.

- (C) For truck mix plants, the owner or operator shall shelter the drop point by an intact three-sided curtain, or equivalent dust control technology that extends below the mixer truck-receiving funnel.
- (D) The owner or operator shall maintain the following minimum plant buffer distances from any property line, except for temporary concrete plants approved to operate in the right of way of a public works project:
 - (i) The suction shroud baghouse exhaust shall be at least 100 feet from any property line.
 - (ii) The owner or operator shall not locate or operate stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) within 50 feet from any property line.
- (E) In lieu of meeting the buffer distance requirement for roads and stockpiles in subsection (8)(D) of this standard permit owners or operators shall:
 - (i) construct dust suppressing fencing or other barriers as a border around roads, other traffic areas and work areas;
 - (ii) construct these borders to a height of at least 12 feet; and
 - (iii) contain stockpiles within a three-walled bunker that extends at least two feet above the top of the stockpile.
- (F) The appropriate TCEQ regional office may approve, without the need of public notice referenced in section (4) of this standard permit, the relocations of a temporary concrete batch plant that has previously been determined by the commission to be in compliance with the technical requirements of the concrete batch plant standard permit version adopted at registration that provides the information listed under subsection (8)(G) and meets one of the following conditions:
 - (i) A registered portable facility and associated equipment are moving to a site for support of a public works project in which the proposed site is located in or contiguous to the right-of-way of the public works project; or
 - (ii) A registered portable facility is moving to a site in which a portable facility has been located at the site at any time during the previous two years and the site was subject to public notice.
- (G) For relocations meeting subsection (8)(F) of this standard permit, the owner or operator must submit to the regional office and any local air

pollution control agency having jurisdiction at least 12 business days prior to locating at the site:

- (i) The company name, address, company contact, and telephone number;
- (ii) The regulated entity number (RN), customer reference number (CN), applicable permit or registration numbers, and if available, the TCEQ account number;
- (iii) The location from which the facility is moving (current location);
- (iv) A location description of the proposed site (city, county, and exact physical location description);
- (v) A scaled plot plan that identifies the location of all equipment and stockpiles, and also indicates that the required distances to the property lines can be met;
- (vi) A scaled area map that clearly indicates how the proposed site is contiguous or adjacent to the right-of-way of a public works project (if required);
- (vii) The proposed date for start of construction and expected date for start of operation;
- (viii) The expected time period at the proposed site;
- (ix) The permit or registration number of the portable facility that was located at the proposed site any time during the last two years, and the date the facility was last located there. This information is not necessary if the relocation request is for a public works project that is contiguous or adjacent to the right-of-way of a public works project; and
- (x) Proof that the proposed site had accomplished public notice, as required by 30 TAC Chapter 39. This proof is not necessary if the relocation request is for a public works project that is contiguous or adjacent to the right-of-way of a public works project.

(9) Additional Requirements for Permanent Concrete Plants

- (A) The owner or operator shall limit site production to no more than 300 cubic yards in any one hour and no more than 6,000 cubic yards per day.

- (B) The owner or operator shall install a suction shroud or other pickup device at the batch drop point (drum feed for central mix plants) and vent it to a fabric/cartridge filter system with a minimum of 5,000 acfm.
- (C) For truck mix plants, the owner or operator shall shelter the drop point by an intact three-sided curtain, or equivalent dust control technology that extends below the mixer truck-receiving funnel.
- (D) The owner or operator shall maintain the following minimum plant buffer distances from any property line:
 - (i) The suction shroud baghouse exhaust shall be at least 100 feet from any property line;
 - (ii) The owner or operator shall not locate or operate stationary equipment, stockpiles, or vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site), within 50 feet from any property line.
- (E) In lieu of meeting the buffer distance requirements for roads and stockpiles of paragraph (9)(D)(ii) of this standard permit, the owner or operator shall:
 - (i) construct dust suppressing fencing or other barriers as a border around roads, other traffic areas, and work areas;
 - (ii) construct these borders to a height of at least 12 feet; and
 - (iii) contain stockpiles within a three-walled bunker that extends at least two feet above the top of the stockpile.
- (F) The owner or operator shall pave all entry and exit roads and main traffic routes associated with the operation of the concrete batch plant (including batch truck and material delivery truck roads) with a cohesive hard surface that can be maintained intact and shall be cleaned. All batch trucks and material delivery trucks shall remain on the paved surface when entering, conducting primary function, and leaving the property. The owner or operator shall maintain other traffic areas using the control requirements of subsection(5)(E) of this standard permit.

(10) Additional Requirements for Specialty Concrete Batch Plants

- (A) The owner or operator shall limit site production to no more than 30 cubic yards per hour.

- (B) As an alternative to the requirement in subsection (5)(A) of this standard permit, the owner or operator may vent the cement/fly ash weigh hopper inside the batch mixer.
- (C) The owner or operator shall control dust emissions at the batch mixer feed so that no outdoor visible emissions occur by one of the following:
 - (i) using a suction shroud or other pickup device delivering air to a fabric or cartridge filter;
 - (ii) using an enclosed batch mixer feed; or
 - (iii) conducting the entire mixing operation inside an enclosed process building.
- (D) The owner or operator shall not operate vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) within a minimum buffer distance of 25 feet from any property line.
- (E) In lieu of meeting the buffer distance requirement for roads and other traffic areas in subsection (10)(D) of this standard permit, owners or operators shall:
 - (i) construct dust suppressing fencing or other barriers as a border around roads, other traffic areas, and work areas; and
 - (ii) construct these barriers borders to a height of at least 12 feet.