WESTWARD
Environmental. Engineering. Natural Resources.

February 26, 2025

Texas Commission on Environmental Quality
Air Permits Initial Review Team, MC-161
P.O. Box 13087
Austin, Texas 78711-3087

Project No.: 11414-011

Attention: Samuel Short

Subject: New Air Quality Standard Permit for a Permanent Concrete Batch Plant
EXPEDITED SURCHARGE INCLUDED
Cepeda, Pedro – CN NEW
Concrete Batch Plants #1 & #2 – RN NEW
Brownsville, Cameron County, Texas

Mr. Short,

On behalf of Mr. Pedro Cepeda, we are submitting this Air Quality Standard Permit Application for two permanent concrete batch plants to be located within the ETJ of Brownsville, Cameron County, Texas. A Form PI-1S-CBP, checklists, tables, maps, and supporting documents are attached. Mr. Pedro Cepeda will satisfy the applicable requirements of the Standard Permit for Permanent Concrete Batch Plants.

Mr. Pedro Cepeda requests to have the review of this permit application under the Expedited Permitting Program, for which an additional fee of $3,000 has been included.

Westward Environmental, Inc. (WESTWARD) will serve as the technical representative for Mr. Pedro Cepeda on this project. **Please ensure that WESTWARD is copied on all correspondence including, but not limited to, the public notice packages and final approval letter.** If you have any questions regarding this application, please contact our office.

Respectfully Submitted,
WESTWARD ENVIRONMENTAL, INC.

Max Pickus
Environmental Specialist II

Distribution: Addressee
TCEQ Region 15
Brownsville Public Library (Public Notice)
Mr. Pedro Cepeda
WEI 11414-011 File

Attachments

Cepeda, Pedro
New Air Quality Standard Permit Application
Concrete Batch Plants No. #1 & #2
Brownsville, Cameron County, Texas

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February 2025
Westward Environmental, Inc.
Project No.: 11414-011
www.westwardenv.com

Form APD-EXP Expedited Permitting Request

I. Contact Information	
Company or Other Legal Customer Name: Cepeda, Pedro	
Customer Reference Number (CN): CN New	
Regulated Entity Number (RN): RN New	
Technical Contact Name: Max Pickus - Westward Environmental, Inc.	
Phone Number: (830) 249-8284	
Email: mpickus@westwardenv.com	
II. Project Information	
Facility Type: Standard Permit CBP	
Permit Number: NEW	
Project Number: NEW	
III. Economic Justification	
The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state.	☒ YES ☐ NO
IV. Delinquent Fees and Penalties	
Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/delin/index.html.	
V. Signature	
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. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. 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: Pedro Cepeda	
Signature: STEERS	
Date:	

Texas Commission on Environmental Quality
Form APD-APS Air Permitting Surcharge Payment

I. Contact Information	
Company or Other Legal Customer Name: Cepeda, Pedro	
Customer Reference Number (CN): CN New	
Regulated Entity Number (RN): RN New	
Company Official or Technical Contact Information: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other:_____)	
Name: Max Pickus	
Title: Environmental Specialist II - Westward Environmental, Inc.	
Mailing Address: P.O. Box 2205	
City: Boerne	
State: Texas	
ZIP Code: 78006	
Telephone Number: (830) 249-8284	
E-mail Address: mpickus@westwardenv.com	
II. Project Information	
Facility Name: Concrete Batch Plants No. #1 & #2	
Permit Number: New	
Project Number: NEW	
III. Surcharge Payment	
Project Type: Standard Permit CBP	
Fee Amount: $3000	
Check, Money Order, Transaction Number, and/or ePay Voucher Number: *(below)*	
STEERS	
Paid Online:	☒ YES ☐ NO
Company Name on Check: N/A	

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing 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.)*

☒ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)* ☐ 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 New		RN NEW

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☒ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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:*

Cepeda, Pedro

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if pplicable)*

11. Type of Customer: ☐ Corporation ☒ Individual Partnership: ☐ General ☐ Limited

Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator ☐ Other:
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

15. Mailing Address: 4877 Western Rd.

City	Mission	State	Texas	ZIP	78574	ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*
	pc@filegoniamaterials.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(956) 261-0039		

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core 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 Plants #1 & #2

23. Street Address of the Regulated Entity: *(No PO Boxes)*							
	City		**State**		**ZIP**		**ZIP + 4**
24. County	Cameron						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	At the northeast corner of the intersection of Boca Chica Blvd (SH 4) and South Port Connector.				
26. Nearest City			**State**		**Nearest ZIP Code**
Brownsville			Texas		78521

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	25.9325		**28. Longitude (W) In Decimal:**	-97.3657	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
25	55	57.10	97	21	56.52

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)
3273		327320	

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Construction Materials

34. Mailing Address:	4877 Western Rd						
	City	Mission	**State**	TX	**ZIP**	78574	**ZIP + 4**

35. E-Mail Address:	pc@filegoniamaterials.com

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(956) 261-0039		

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.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☒ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
	New SP CBP			
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Max Pickus	**41. Title:**	Environmental Specialist II

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
830-249-8284		830-249-0221	mpickus@westwardenv.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:	Cepeda, Pedro	**Job Title:**	Owner
Name *(In Print):*	Mr. Pedro Cepeda	**Phone:**	(956) 261-0039
Signature:	STEERS	**Date:**	

PI-1S Registrations for Air Standard Permit - Concrete Batch Plants

Click here to go back to the Cover sheet.

This sheet provides administrative information needed by the TCEQ.

Instructions:
1. Complete all applicable sections below.

Facilities in compliance with the new 2024 CBPSP amendment will continue to use this version (6.0) of the workbook.

Facilities applying for a renewal under the previous CBPSP rule will use the modified version (5.2) of the workbook.

I. Applicant Information

I acknowledge that I am submitting an authorized TCEQ application workbook and any necessary attachments. Except for inputting the requested data and adjusting row height and column width, I have not changed the TCEQ application workbook in any way, including but not limited to changing formulas, formatting, content, or protections.	I agree

A. Registration and Action Type (only one permit and action may be selected with each form)
Select the type of action requested using the dropdown. Options include Initial, Change of Representation, Initial (move to a new location), and Renewal.

Provide the assigned registration number and expiration date if they have been assigned.

All cells must be completed for change of representations.

Standard Permit and Description	Action Type Requested
6004 - Concrete Batch Plants	Initial

Requested Information	Response
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? (Section 10(A)(i)-(ii) of Standard Permit 6004)	No
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? (Section 10(A)(i)-(ii) of Standard Permit 6004)	No

B. Company Information

Company or Legal Name:	Cepeda, Pedro

Texas Commission on Environmental Quality
Form PI-1S-CBP
PI-1S-CBP

Date: 2/26/2025
Registration #: NEW
Company: Cepeda, Pedro

Registrations are issued to either the facility owner or operator, commonly referred to as the applicant or registration holder. List the legal name of the company, corporation, partnership, or person who is applying for the registration. We will verify the legal name with the Texas Secretary of State at (512) 463-5555 or at the link below:

https://www.sos.state.tx.us

Texas Secretary of State Charter/Registration Number (if given):	

C. Company Official Contact Information: must not be a consultant

Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mr.
First Name:	Pedro
Last Name:	Cepeda
Title:	Owner
Mailing Address:	4877 Mission Rd
Address Line 2:	
City:	Mission
State:	Texas
ZIP Code:	78574
Telephone Number:	(956) 261-0039
Fax Number:	
Email Address:	pc@filegoniamaterials.com

Note: All correspondence and issued permit documents will be sent via e-mail within one business day of TCEQ's decision. Ensure that the e-mail address provided for the company official is the most appropriate to receive time-sensitive correspondence from the TCEQ.

D. Technical Contact Information: This person must have the authority to make binding agreements and representations on behalf of the applicant and may be a consultant. **Additional technical contact(s) can be provided in a cover letter.**

Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mr.
First Name:	Max
Last Name:	Pickus
Title:	Environmental Specialist II
Company or Legal Name:	Westward Environmental, Inc.
Mailing Address:	P.O. Box 2205
Address Line 2:	
City:	Boerne
State:	Texas
ZIP Code:	78006
Telephone Number:	(830) 249-8284
Fax Number:	(830) 249-0221
Email Address:	mpickus@westwardenv.com

E. Assigned Numbers

The CN and RN below are assigned when a Core Data Form is initially submitted to the Central Registry. The RN is also assigned if the agency has conducted an investigation or if the agency has issued an enforcement action. If these numbers have not yet been assigned, leave these questions blank and include a Core Data Form with your application submittal. See Section VI.B. below for additional information.

Requested Information	Response
Enter the CN. The CN is a unique number given to each business, governmental body, association, individual, or other entity that owns, operates, is responsible for, or is affiliated with a regulated entity.	CN New
Enter the RN. The RN is a unique agency assigned number given to each person, organization, place, or thing that is of environmental interest to us and where regulated activities will occur. The RN replaces existing air account numbers. The RN for portable units is assigned to the unit itself, and that same RN should be used when applying for authorization at a different location.	RN New

II. Delinquent Fees and Penalties

Requested Information	Response
Does the applicant have unpaid delinquent fees and/or penalties owed to the TCEQ? 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 website at the link below:	No

https://www.tceq.texas.gov/agency/financial/fees/delin

III. Registration Information	
A. 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 Exemption, PBR, or Standard Permit?	No
B. Other Air Preconstruction Permits	
Are there any other air preconstruction permits at this site?	No
C. Associated Federal Operating Permits	
Requested Information	**Response**
Is this facility located at a site required to obtain a **site operating permit (SOP)** or **general operating permit (GOP)?**	No

IV. Facility Location and General Information	
A. Location	
Requested Information	**Response**
County: Enter the county where the facility is physically located.	Cameron
TCEQ Region	Region 15
Street Address:	
City: If the address is not located in a city, then enter the city or town closest to the facility, even if it is not in the same county as the facility.	Brownsville
ZIP Code: Include the ZIP Code of the physical facility site, not the ZIP Code of the applicant's mailing address.	78521
Site Location Description: If there is no street address, provide written driving directions to the site. Identify the location by distance and direction from well-known landmarks such as major highway intersections.	Located at the northeast corner of the intersection of Boca Chica Blvd (SH 4) and South Port Connector
B. General Information	
Requested Information	**Response**
Facility Name:	Concrete Batch Plants #1 & #2
Area Name: Must indicate the general type of operation, process, equipment or facility. Include numerical designations, if appropriate. Examples are Sulfuric Acid Plant and No. 5 Steam Boiler. Vague names such as Chemical Plant are not acceptable.	Concrete Batch Plants #1 & #2
Is the facility currently registered as a temporary facility in Texas?	No
Are there any schools located within 3,000 feet of the site boundary?	No
C. Type of Plant	
Type of plant	Permanent
Requested Information	**Response**
Serial number of the equipment to be authorized, if applicable:	Currently Unavailable
Serial number of the equipment to be authorized, if applicable:	Currently Unavailable

D. Industry Type

Requested Information	Response
Principal Company Product/Business:	Construction Materials
Principal SIC code:	3273: Ready-Mixed Concrete

E. State Senator and Representative for this site

This information can be found at the link below (note, the website is not compatible to Internet Explorer):
https://wrm.capitol.texas.gov/

Requested Information	Response
State Senator:	Adam Hinojosa
District:	27
State Representative:	Janie Lopez
District:	37

F. County Judge and Presiding Officer

We must notify the applicable county judge and presiding officer when an application for a concrete batch plant is received. This information can be obtained at the link below:
https://www.txdirectory.com
Provide the information for the **County Judge** for the location where the facility is or will be located:

Requested Information	Response
The Honorable:	Eddie Trevino, Jr.
Mailing Address:	1100 E. Monroe Street, Suite 218
Address Line 2:	
City:	Brownsville
State:	Texas
ZIP Code:	78520
Is the facility located in any municipality or an extraterritorial jurisdiction of any municipality?	Yes

If so, provide the information for the Presiding Officer(s) of the municipality. This is frequently the Mayor. An attachment may be used for multiple.

First Name:	John
Last Name:	Cowen, Jr.
Title:	Mayor
Mailing Address:	P.O. Box 911
Address Line 2:	
City:	Brownsville
State:	Texas
ZIP Code:	78520

V. Project Information

A. Description

Requested Information	Response
Provide a brief description of the project that is requested. (Limited to 500 characters).	New Expedited Standard Permit for two Concrete Batch Plants

B. Enforcement Projects

Requested Information	Response
Is this application in response to, or related to, an agency investigation, notice of violation, or enforcement action?	No

VI. Application Materials

All representations regarding construction plans and operation procedures contained in the registration application shall be conditions upon which the registration is issued. (30 TAC § 116.615)

A. Confidential Application Materials

Requested Information	Response
Is confidential information submitted with this application?	No

https://www.tceq.texas.gov/permitting/air/confidential.html

B. Is the Core Data Form (Form 10400) attached?	Yes

https://www.tceq.texas.gov/permitting/central_registry/guidance.html

Requested Information	**Response**
C. Is a current area map attached?	Yes
Is the area map a current map with a true north arrow, an accurate scale, the entire plant property, the location of the property relative to prominent geographical features including, but not limited to, highways, roads, streams, and significant landmarks such as buildings, residences, schools, parks, hospitals, day care centers, and churches?	Yes
Does the map show a 3,000-foot radius from the property boundary?	Yes
D. Is a plot plan attached?	Yes
Does your plot plan clearly show a north arrow, an accurate scale, all property lines, all emission points, buildings, tanks, process vessels, other process equipment, and two bench mark locations?	Yes
Does your plot plan identify all emission points on the affected property, including all emission points authorized by other air authorizations, construction permits, PBRs, special permits, and standard permits?	Yes
Did you include a table of emission points indicating the authorization type and authorization identifier, such as a permit number, registration number, or rule citation under which each emission point is currently authorized?	Yes
Does your plot plan clearly mark all distances to other property or structures to demonstrate compliance with all distance, setback, and buffer requirements?	Yes
E. Is a process flow diagram attached?	Yes
Is the process flow diagram sufficiently descriptive so the permit reviewer can determine the raw materials to be used in the process; all major processing steps and major equipment items; individual emission points associated with each process step; the location and identification of all emission abatement devices; and the location and identification of all waste streams (including wastewater streams that may have associated air emissions)?	Yes
F. Is a process description attached?	Yes
Does the process description emphasize where the emissions are generated, why the emissions must be generated, what air pollution controls are used (including process design features that minimize emissions), and where the emissions enter the atmosphere?	Yes
Does the process description also explain how the facility or facilities will be operating when the maximum possible emissions are produced?	Yes
G. Are details for each different filter system attached?	Yes
Is there a description of the principle operation for each different filter system?	Yes
Is there an assembly drawing (front and top view) of the abatement device drawn to scale clearly showing the design, size, and shape?	Yes
H. Is a Public Involvement Plan (PIP) form required for this project? Requirements can be found at the link below:	Yes
Is the PIP Form (TCEQ Form 20960) attached?	Yes

Concrete Batch Plant Standard Permit Checklist - 6004

Click here to go back to the PI-1S-CBP sheet.

This sheet provides information needed by the TCEQ to determine if the proposed project meets all of the requirements of the Standard Permit for Concrete Batch Plants.

Instructions:
1. Review the standard permit requirements available at the end of this workbook, accessible through with the link below:
Air Quality Standard Permit for Concrete Batch Plants
2. Complete all applicable sections below.

Type of plant	Permanent
Type of operation	Truck Mix
Will the owner or operator of truck mix plant(s) shelter the truck loading operation with a three-sided solid enclosure or equivalent that extends from the ground level to three feet above the truck-receiving funnel?	Yes
Will any engine be on-site for greater than 12 consecutive months?	No
Are multiple concrete batch plants being operated on the same site?	Yes

Section 3: Administrative Requirements

Condition Number	Description	Response	Notes
(3)(A)-(K)	Will you meet the requirements of Section 3 of the Standard Permit regarding administrative, record-keeping and MSS requirements?	Yes	N/A

Section 4: Public Notice

Condition Number	Description	Response	Notes
(4)	Will you meet all of the requirements of Section 4 of the Standard Permit regarding public notice?	Yes	N/A
	Is this a 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?	No	N/A
	Is this 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?	No	N/A

Section 5: General Requirements

Condition Number	Description	Response	Notes
(5)(A)	Are the storage silos and auxiliary storage tanks controlled by a cartridge or filter system?	Yes	N/A
	How will the weigh hopper be vented? More than one may be selected using the following rows.	Vented to central fabric/cartridge filter system	N/A
	Select second method, if applicable.		N/A
	Select third method, if applicable.		N/A
(5)(B)(i)	Will fabric/cartridge filters and collection systems be operated properly with no tears or leaks?	Yes	N/A
(5)(B)(ii)	What is the control efficiency of the filter system (including any central filter systems) for particle sizes of 2.5 microns and smaller (%)?	99.50%	N/A
(5)(B)(iii)	Will all filter systems meet visible emissions performance standards?	Yes	N/A
(5)(B)(iv)	Will cement and/or fly ash silo filter exhausts be equipped with sufficient illumination to observe visible emissions performance if filled during non-daylight hours?	Yes	N/A

(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?	Yes	N/A
(5)(C)(ii)	During cement/fly ash 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?	Yes	N/A
(5)(D)	What type of device is utilized onsite to warn when silos are reaching capacity?	Warning device	N/A
(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?	Yes	N/A
	Do you regularly prevent particle build-up on visible warning devices?	Yes	N/A
(5)(D)(iii)	Will warning devices or shut-off systems for silos and auxiliary storage tanks 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?	Yes	N/A
(5)(E)(i)-(iv)	Select which method(s) will be used to control emissions from in-plant roads and traffic areas. More than one may be selected using the following rows.	(iv) Paved with a cohesive hard surface that is maintained intact and cleaned.	N/A
	Select the second control method, if applicable.	(i) Watering.	N/A
	Select the third control method, if applicable.		N/A
	Select the fourth control method, if applicable.		N/A
(5)(F)	How will dust emissions from all stockpiles be minimized at all times? More than one may be selected using the following rows.	Sprinkling with water	N/A
	Select the second control method, if applicable.		N/A
	Select the third control method, if applicable.		N/A
	Will stockpiles be limited to a total ground surface area of no more than 1.5 acres.	Yes	N/A
(5)(G)	Confirm that all material spills will be immediately cleaned up and contained or dampened so dust emissions are minimized.	I agree	N/A
(5)(H)	Confirm visible emissions will not 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?	I agree	N/A
	Will quarterly visible emission observations be performed and recorded in accordance with Section (3)(J) of this standard permit?	Yes	N/A
	If visible emissions exceed Test Method 22 criteria, will immediate corrective action be taken and documented?	Yes	N/A
(5)(I)	What is the distance from the concrete batch plant to any crushing plant or hot mix asphalt plant? (feet)	N/A	N/A
(5)(J)	Are multiple concrete batch plants being operated on the same site?	Yes	N/A
	Will site production and setback limits be maintained per Section (8) or (9)?	Yes	N/A
(5)(K)	Confirm that none of the concrete additives will emit volatile organic compounds (VOC).	I agree	N/A
(5)(L)	Will all sand and aggregate be washed prior to delivery to the site?	Yes	N/A
(5)(M)(i)-(vii)	Will all claims under this standard permit comply with the following?:	Respond below.	N/A
	30 TAC § 116.604, Duration and Renewal of Registrations to Use Standard Permits	Yes	N/A
	30 TAC § 116.605(d)(1), Standard Permit Amendment and Revocation	Yes	N/A

	30 TAC § 116.614, Standard Permit Fees	Yes	N/A
	The public notice processes established in THSC, § 382.055, Review and Renewal of Preconstruction Permit	Yes	N/A
	The public notice processes established in THSC, § 382.056	Yes	N/A
	The contested case hearing and public notice requirements established in 30 TAC § 55.152(a)(2), Public Comment Period	Yes	N/A
	The contested case hearing and public notice requirements established in 30 TAC § 55.201(h)(i)(C), Requests for Reconsideration or Contested Case Hearing	Yes	N/A
(5)(N)	Will the owner or operator comply with 30 TAC § 101.4, Nuisance.	Yes	N/A

Section 6: Engine Requirements

Condition Number	Description	Response	Notes
(6)(F)	Will the engine(s) be on-site for less than 12 consecutive months?	Yes	There are no restrictions to engine operations if the engines will be on-site for less than 12 consecutive months.

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

Condition Number	Description	Response	Notes
(7)	Will planned maintenance activities receive separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119, De Minimis Facilities or Sources?	Yes	N/A

Section 8: Operational Requirements for Permanent and Temporary Concrete Plants

Condition Number	Description	Response	Notes

8(A)(iii)	Will the multiple truck mix plants operate under the requirements in subsection 8(E), 8(F), and comply with the production rate and setback distance limits found in Table 3?	Yes	N/A
	What is the total production rate of the multiple truck mix plants at a single site with enclosure? (yd^3/hour)	300	N/A
	What is the shortest setback distances, of all the multiple truck mix plants at a single site with enclosure? (ft)	200	N/A
8(C)	How many cubic yards per year will this plant produce? (yd^3/yr)	650,000	Concrete batch plants are limited to a maximum of 650,000 cubic yards per year (yd^3/yr) in any rolling 12-month period.
8(D)	What is the minimum filtering velocity of the fabric or cartridge filter system for the suction shroud/central mix drum? (acfm)	5,250	Minimum of 5,000 actual cubic feet per minute (acfm) of air.
8(E)	Will the owner or operator shelter the drop point by an intact three-sided enclosure with a flexible shroud hanging from above the truck, or equivalent dust collection technology that extends below the mixer truck-receiving funnel?	Yes	N/A
8(F)	Will the owner or operator of truck mix plants shelter the truck loading operation with a three-sided solid enclosure or equivalent that extends from the ground level to three feet above the truck-receiving funnel?	Yes	N/A
8(G)(i)-(iv)	Select which method(s) will be used to prevent tracking of sediment onto adjacent roadways and reduce the generation of dust. More than one method may be selected using the following rows.	Respond below.	N/A
	Option: Select primary method, if applicable.	(i) watering, sweeping, and cleaning the plant road entrances;	N/A
	Option: Select second method, if applicable.		N/A
	Option: Select third method, if applicable.		N/A
	Option: Select fourth method, if applicable.		N/A
8(H)	Will stationary equipment, stockpiles, and vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site) be located no closer than 50 feet less than the applicable minimum setback distance listed in subsection (8)(A) from any property line?	Yes	Stationary Equipment excludes the suction shroud fabric/cartridge filter exhaust, drum feed fabric/cartridge filter exhaust, cement/fly ash storage silos, and engine.
	What is the distance from the property line to the stationary equipment? (ft)	>150	N/A
	What is the distance from the property line to the stockpiles? (ft)	>150	N/A
	What is the distance from the property line to the vehicles? (ft)	>150	N/A
8(I)(i)	In lieu of meeting the distance requirements for roads of subsection (8)(H) of this standard permit, will the owner or operator construct and maintain in good working order dust suppressing fencing or other equivalent barriers as a border around roads, other traffic areas, and work areas?	N/A	Input for Section 8(I)(i)-(ii) is optional if 8H is met.
8(I)(ii)	Optional: Will the border be constructed to a height of at least 12 feet?	N/A	This requirement is optional

8(J)	Optional: In lieu of meeting the distance requirements for stockpiles of subsection (8)(H) of this standard permit, will stockpiles be contained within a three-walled bunker that extends at least two feet above the top of the stockpile?	N/A	Input for Section 8(J) is optional if 8H is met.
8(K)	For permanent plants, will the owner or operator pave all entry and exit roads and main traffic routes associated with the operation of the concrete batch plant with a cohesive hard surface that will be cleaned and maintained intact?	Yes	N/A
	Will all batch trucks and material delivery trucks remain on the paved surface when entering, conducting primary function, and leaving the property?	Yes	N/A
	Will the owner or operator maintain other traffic areas using the control requirements of subsection (5)(E) of this standard permit?	Yes	N/A

Table 20: Concrete Batch Plants - Concrete Batch Plant Standard Permits

Click here to go back to the 6008 Checklist sheet.

This sheet provides information needed by the TCEQ to determine if the proposed project meets all of the requirements of the Standard Permit for Concrete Batch Plants.

Instructions:
1. Complete all applicable questions below.

Type of batching that will be accomplished	Truck Mix

Section 1: Maximum operating schedule

Requested Information	Response
What is the maximum hours per day?	24
What is the maximum days per week?	7
What is the maximum weeks per year?	52
What is the maximum hours per year?	8760

Section 2: Aggregate Information

Requested Information	Response
Will sand and aggregate be washed prior to delivery at your site?	Yes
What is the total ground surface area of aggregate stockpiles? (acres)	1.5
Indicate where water sprays will be used, if applicable.	
Additional location for water sprays, if applicable.	
Additional location for water sprays, if applicable.	
Additional location for water sprays, if applicable.	

Section 3: Filter System Information

Requested Information	Response
How many filter systems will this plant have?	2
Will all filter systems be operated the same way?	No

Table 11: Fabric Filters - Concrete Batch Plant Standard Permits

Click here to go back to the Table20-CBP sheet.

This sheet provides information needed by the TCEQ to determine if the proposed project meets all of the requirements of the Standard Permit for Concrete Batch Plants.

Instructions:
1. Complete all applicable questions below.

Filter System 1

Requested Information	Response
EPN	**6 - 8 & 15 - 17**
Manufacturer	WAM
Model Number	SILOTOP R03
List the sources being controlled	Silos, Pigs
Type of particulate controlled	PM/PM10/PM2.5, cement dust
Design maximum flow rate (acfm)	1500
Average expected flow rate (acfm)	1500
Particulate grain loading (grain/scf) - inlet	
Particulate grain loading (grain/scf) - outlet	<0.01

Filter System 2

Requested Information	Response
EPN	**9 & 18**
Manufacturer	C&W
Model Number	CP-5250
List the sources being controlled	Weigh Hoppers, Truck Batch Points
Type of particulate controlled	PM/PM10/PM2.5, cement dust
Design maximum flow rate (acfm)	5250
Average expected flow rate (acfm)	5250
Particulate grain loading (grain/scf) - inlet	
Particulate grain loading (grain/scf) - outlet	<0.01

Public Notice Information and Small Business Classification

Click here to go back to Table29-CBP Sheet

This sheet is intended to assist in this determination of public notice requirements and is not a replacement for 30 TAC Chapter 39 (Public Notice). **If you can see the page header, there are questions applicable to your project on this sheet.**

The THSC §382.056 and corresponding rules in 30 TAC Chapter 39 (Public Notice) require that you publish a notice of intent to obtain a permit and notice of preliminary decision (consolidated into a single notice). Notices must be published in a newspaper of general circulation in the municipality where the proposed facility is or will be located (not applicable to alternative language notices). Signs must also be posted at the site in compliance with
https://www.tceq.texas.gov/permitting/air/bilingual/how1_2_pn.html
https://statutes.capitol.texas.gov/Docs/HS/htm/HS.382.htm#382.05199

Instructions:
1. Complete all questions below.

I. Public Notice Information

A. Contact Information

Enter the contact information for the **person responsible for publishing.** This is a designated representative who is responsible for ensuring public notice is properly published in the appropriate newspaper and signs are posted at the facility site. This person will be contacted directly when the TCEQ is ready to authorize public notice for the application.

Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mrs.
First Name:	Debbi
Last Name:	Mathews
Title:	Public Notice Coordiantor
Company Name:	Westward Environmental, Inc.
Mailing Address:	P.O. Box 2205
Address Line 2:	
City:	Boerne
State:	Texas
ZIP Code:	78006
Telephone Number:	(830) 249-8284
Fax Number:	(830) 249-0221
Email Address:	dmathews@westwardenv.com

Enter the contact information for the **Technical Contact.** This is the designated representative who will be listed in the public notice as a contact for additional information.

Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mrs.
First Name:	Melissa
Last Name:	Fitts
Title:	Senior Vice President
Company Name:	Westward Environmental, Inc.
Mailing Address:	P.O. Box 2205
Address Line 2:	
City:	Boerne
State:	Texas
ZIP Code:	78006
Telephone Number:	(830) 249-8284
Fax Number:	(830) 249-0221
Email Address:	mfitts@westwardenv.com

B. Public place

Place a copy of the full application (including all of this workbook and all attachments) at a public place in the county where the facilities are or will be located. You must state where in the county the application will be available for public review and comment. The location must be a public place and described in the notice. A public place is a location which is owned and operated by public funds (such as libraries, county courthouses, city halls) and cannot be a commercial enterprise. You are required to pre-arrange this availability with the public place indicated below. The application must remain available from the first day of publication through the designated comment period.

If the application is submitted to the agency with information marked as Confidential, you are required to indicate which specific portions of the application are not being made available to the public. These portions of the application must be accompanied with the following statement: ***Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087.***

Requested Information	Response
Name of Public Place:	Brownsville Public Library - Southmost Branch
Physical Address:	4320 Southmost Road
Address Line 2:	
City:	Brownsville
ZIP Code:	78521
County:	Cameron
Has the public place granted authorization to place the application for public viewing and copying?	Yes

C. Alternate Language Publication

In some cases, public notice in an alternate language is required. If an elementary or middle school nearest to the facility is in a school district required by the Texas Education Code to have a bilingual program, a bilingual notice will be required. If there is no bilingual program required in the school nearest the facility, but children who would normally attend those schools are eligible to attend bilingual programs elsewhere in the school district, the bilingual notice will also be required. If it is determined that alternate language notice is required, you are responsible for ensuring that the publication in the alternate language is complete and accurate in that language.

Requested Information	Response
Is a bilingual program required by the Texas Education Code in the School District?	Yes
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?	Yes
If yes to either question above, list which language(s) are required by the bilingual program?	Spanish
List second required language.	
List third required language.	
List fourth required language.	

III. Small Business Classification

Complete this section to determine small business classification. If a small business requests a permit, agency rules (30 TAC § 39.603(f)(1)(A)) allow for alternative public notification requirements if all of the following criteria are met. If these requirements are met, public notice does not have to include publication of the prominent (12 square inch) newspaper notice.

Requested Information	Response
Does the company (including parent companies and subsidiary companies) have fewer than 100 employees or less than $6 million in annual gross receipts?	Yes
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program?	No
Are the site emissions of any individual air contaminant greater than or equal to 50 tpy?	No
Are the site emissions of all air contaminants combined greater than or equal to 75 tpy?	No
Small business classification:	**Yes**

IV. Plain Language Summary

Applications deemed administratively complete by May 1, 2022 must provide a plain language summary of the application to be posted on the TCEQ website. Templates can be found at the link below.

https://www.tceq.texas.gov/permitting/air/guidance/newsourcereview/nsrapp-tools.html

Requested Information	Response
Is a Plain Language Summary as required by 30 TAC § 39.405(k) provided with the application?	Yes
Is a Plain Language Summary in an alternative language as required by 30 TAC § 39.426(c) provided with the application?	Yes

Fee Verification

Click here to go back to the Public Notice sheet.

This sheet is for requesting expedited permitting and determines application fee requirements for projects which require a fee. **If you can see the page header, there are questions applicable to your project on this sheet.**

Fees are due and payable at the time an application is filed. Required fees must be received before the agency will consider an application to be complete.

As of January 1, 2021, fees must be paid through ePay during the STEERS submitall process. Instructions for online payment through the ePay system can be found at the link below:

https://www3.tceq.texas.gov/epay/

Instructions:
1. Enter information related to the expedited permitting option.
2. If visible, enter payment information.
3. If applicable, submit the application under the seal of a Texas Licensed P.E.

I. Expedited Permitting Request

Are you requesting to expedite this project?	Yes
Does the purpose of the application associated with this request to expedite benefit the economy of this state or an area of this state. If no, this project does not qualify for expedited permitting.	Yes
Surcharge amount due	$3,000.00
Surcharge amount paid	$3,000.00
Enter the check, money order, ePay Voucher, or other transaction number. Enter "STEERS" if submitting and paying through STEERS.	STEERS

Unless submitting through STEERS, you must also submit the Form APD-APS Air Permitting Surcharge Payment to the TCEQ Cashier's office, link to the form below:

https://www.tceq.texas.gov/publications/search_forms.html

II. Application Fee

All standard permit types and actions (unless the facility meets the requirements of being in or adjacent to the right of way of a public works project)	$900.00

III. Payment Information

Was the fee paid online?	Yes
Enter the fee amount	$ 900.00
Enter the check, money order, ePay Voucher, or other transaction number. Enter "STEERS" if submitting and paying through STEERS.	STEERS
Enter the company name as it appears on the check	N/A

IV. Professional Engineer Seal Requirement

Is the estimated capital cost of the project above $2 million?	No
Is the application required to be submitted under the seal of a Texas licensed P.E.? Note: an electronic PE seal is acceptable.	No

Plain Language Summary for Concrete Batch Plant Standard Permit
Application for Concrete Batch Plant Standard Permit Registration Number (NEW)

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Cepeda, Pedro (CN New) has submitted an application to register two permanent concrete batch plants under the Air Quality Standard Permit for Concrete Batch Plants registration number (NEW). The concrete batch plants (RN NEW) are located at the northeast corner of the intersection of Boca Chica Blvd (SH 4) and South Port Connector, Brownsville, Cameron County.

This registration will authorize the concrete batch plants to have a maximum production rate of less than 300 cubic yards per hour of concrete and operate up to 8,760 hours per year. Particulate matter is emitted from the handling of aggregate, cement, and flyash. Roads will be paved, and traffic areas will be watered to control dust. Dust from stockpiles will be minimized by watering. Building enclosures and baghouses will be used to control cement and flyash dust.

Resumen en Lenguaje Sencillo del Permiso Estándar para Plantas de Hormigón

Solicitud de Permiso Estándar para Plantas de Hormigón Número de Registro (Nuevo)

El siguiente resumen se proporciona para esta solicitud de permiso de aire pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas, según lo dispuesto en el capítulo 39 del Código Administrativo de Texas. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no son representaciones federales ejecutables de la solicitud de permiso.

Cepeda, Pedro (CN New) ha presentado una solicitud de registro de dos plantas de hormigón permanente en virtud del Permiso de la Norma de Calidad del Aire para Plantas de Hormigón para el número de registro (Nuevo). Las plantas de hormigón (RN New) están ubicados en la esquina noreste de la intersección de Boca Chica Blvd (SH 4) y South Port Connector, Brownsville, Condado de Cameron.

Este registro autorizará a las plantas de hormigón a tener una producción máxima de menos 300 yardas cúbicas por hora de hormigón y a operar hasta 8,760 horas al año. Se emitirán partículas por la manipulación de áridos, cemento y cenizas volantes. Se pavimentarán las carreteras y se regará el tráfico para controlar el polvo. El polvo de los acopios se reducirá al mínimo mediante el riego. Se utilizarán cerramientos de edificios y cámaras de filtros para controlar el polvo de cemento y cenizas volantes.

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

☒ New Permit or Registration Application
☐ New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, a Public Involvement Plan is not necessary. Completion of the remaining sections not required.

Section 2. Secondary Screening

☒ Requires public notice,
☐ Considered to have significant public interest, **and**
☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all of the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2.

☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

This project is not expected to have significant public interest.

Cepeda, Pedro
New Air Quality Standard Permit Application for Permanent Concrete Batch Plant
Concrete Batch Plants #1 & #2
Brownsville, Cameron County, Texas

Project Description

Pursuant to a new Air Quality Standard Permit for a Permanent Concrete Batch Plant, Mr. Pedro Cepeda proposes to authorize construction and operation of two permanent concrete batch plants to be located within the ETJ of Brownsville, Cameron County, Texas.

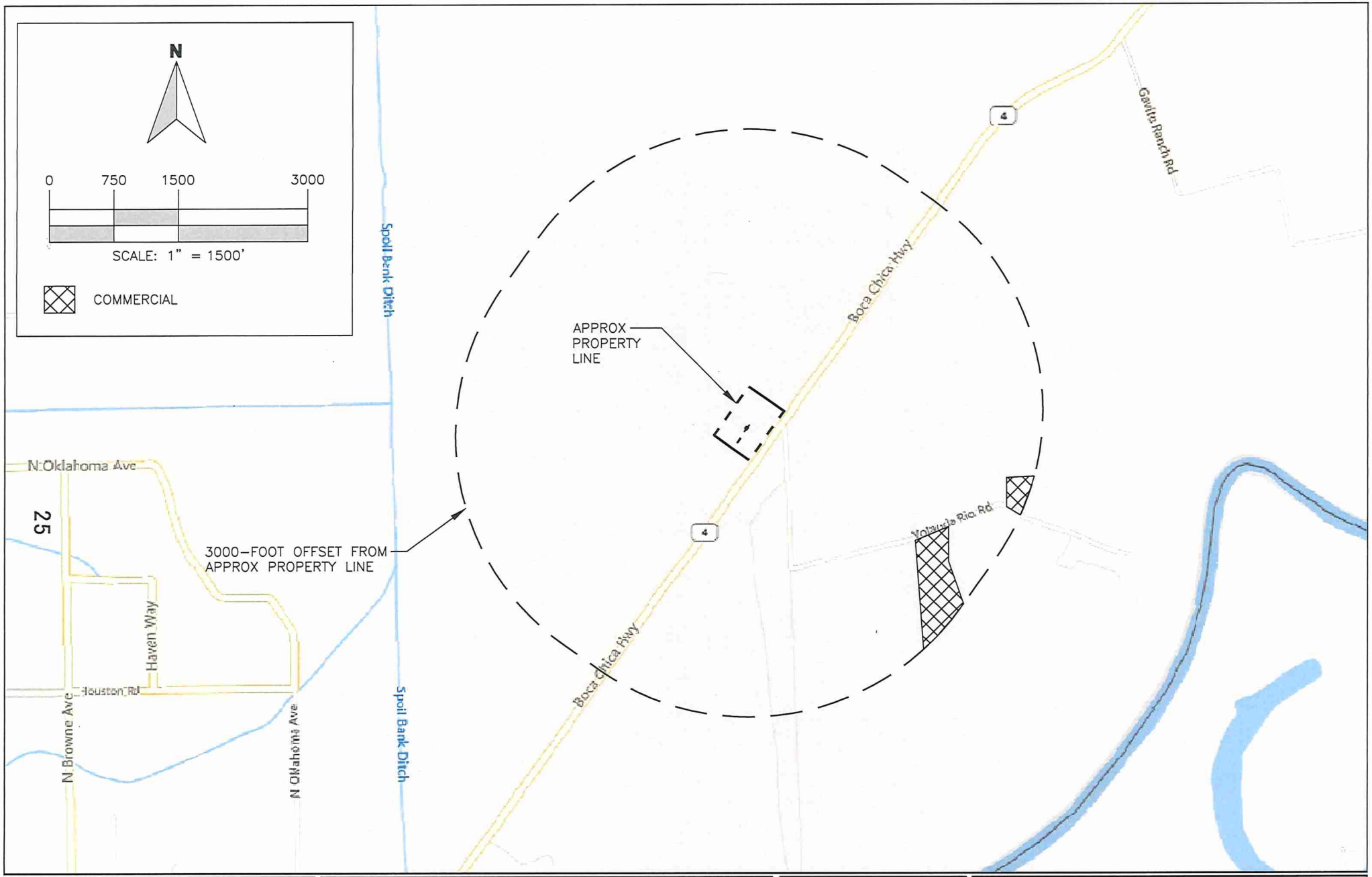
The site-wide production will not exceed 300 cubic yards per hour, and 650,000 cubic yards per year. The facility will be located on site permanently with a maximum operating schedule of less than 24 hours per day, 7 days per week, and 52 weeks per year.

The facility's central dust collector exhausts will be located at least 200 feet from any property line as required. Stationary equipment, stockpiles, and vehicles used for operation of the concrete batch plants (except for incidental traffic and the entrance/exit to the site) will be located and operated more than 150 feet from the property line as required.

Any emissions from planned Startup and Shutdown activities are not expected to be any worse over a full hour than emissions during normal operation and thus should be included in this permit authorization. Any planned maintenance activities for this facility will be considered De Minimis (30 TAC 116.119) or authorized under a separate Permit By Rule (30 TAC 106), as necessary.

Cepeda, Pedro will utilize BACT at the subject facility. The truck loading points are controlled by a suction shroud vented to their respective central dust collectors which also controls emission from the cement weigh hoppers. The truck loading points are enclosed by a three-sided enclosure that extends from ground level to three feet above the truck receiving funnel. The cement silos are controlled by their own silo top dust collectors. The two pigs are vented back into the cement silos, thus controlled by the same silo top dust collectors. Exit/entry roads and main traffic routes associated with operation of the concrete batch planta (including batch truck and material delivery truck roads) will be paved with a cohesive hard surface that can be maintained intact and cleaned as necessary. Other traffic areas and stockpiles will be watered or treated with dust-suppressant chemicals as necessary to minimize dust emissions.

The PI-1S-CBP workbook, checklists, tables, maps, emission calculations, and supporting documents have been submitted with this application.



SHEET NO.: 1 OF 3

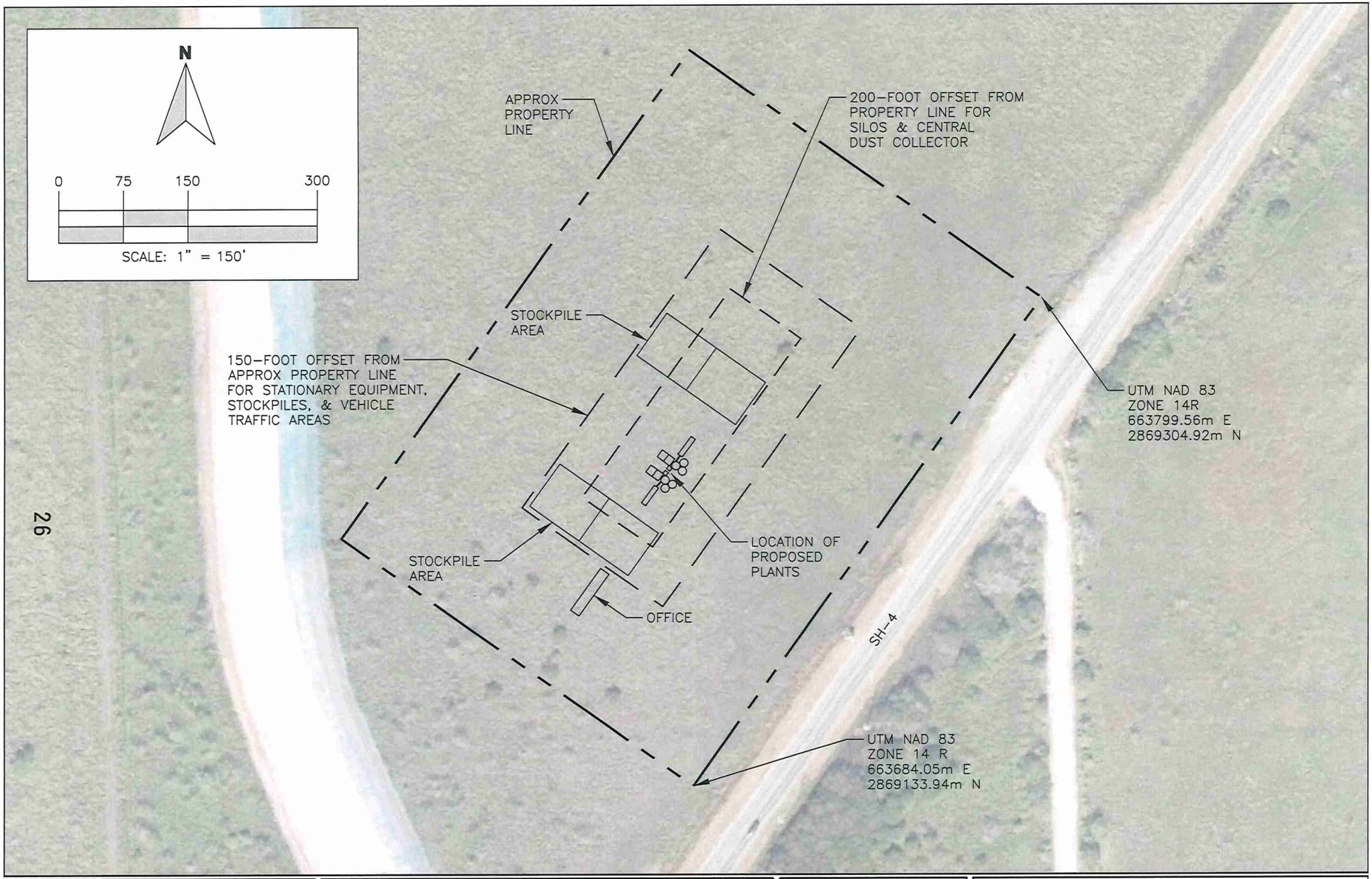
IMAGE: BING AERIALS	
ISSUE DATE:	02/26/2025
DRAWN BY:	MP
CHECKED BY:	MF
SCALE: 1" =	1500'
JOB NO.:	11414-011

AREA MAP

PERMANENT STANDARD PERMIT – CBP
CEPEDA, PEDRO
BROWNSVILLE, CAMERON COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



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SHEET NO.: 2 OF 3

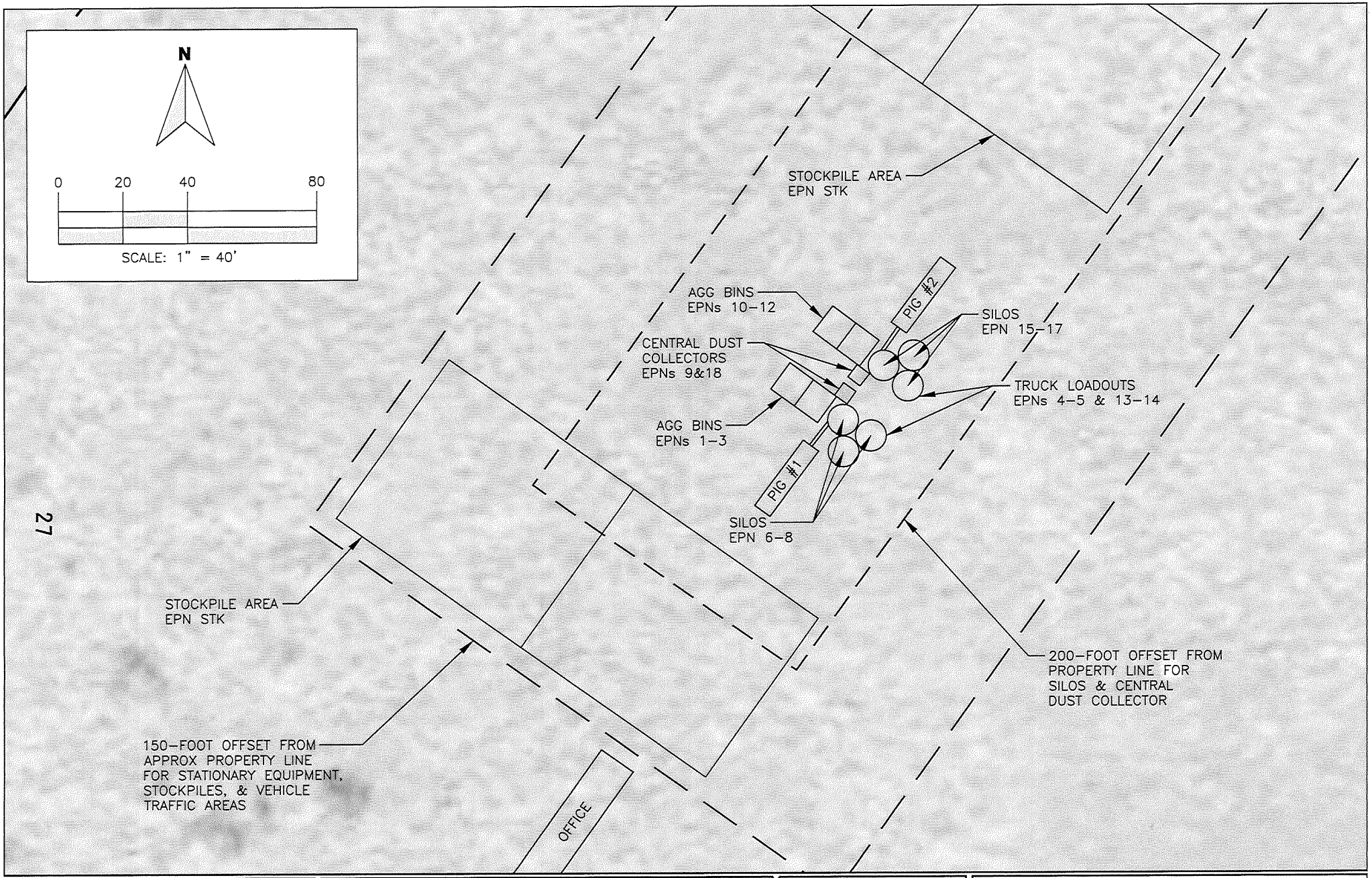
IMAGE: BING AERIALS	
ISSUE DATE:	02/26/2025
DRAWN BY:	MP
CHECKED BY:	MF
SCALE: 1" =	150'
JOB NO.:	11414-011

PLOT PLAN

PERMENENT STANDARD PERMIT – CBP
CEPEDA, PEDRO
BROWNSVILLE, CAMERON COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



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SHEET NO.: 3 OF 3

IMAGE: BING AERIALS	
ISSUE DATE:	02/26/2025
DRAWN BY:	MP
CHECKED BY:	MF
SCALE: 1" =	40'
JOB NO.:	11414–011

PLOT PLAN DETAIL

PERMENENT STANDARD PERMIT – CBP
CEPEDA, PEDRO
BROWNSVILLE, CAMERON COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249–8284 Fax: (830) 249–0221
TBPE REG. NO.: F–4524
TBPG REG. NO.: 50112

Cepeda, Pedro
New Air Quality Standard Permit Application for Permanent Concrete Batch Plants
Concrete Batch Plants #1 & #2
Brownsville, Cameron County, Texas

Process Description

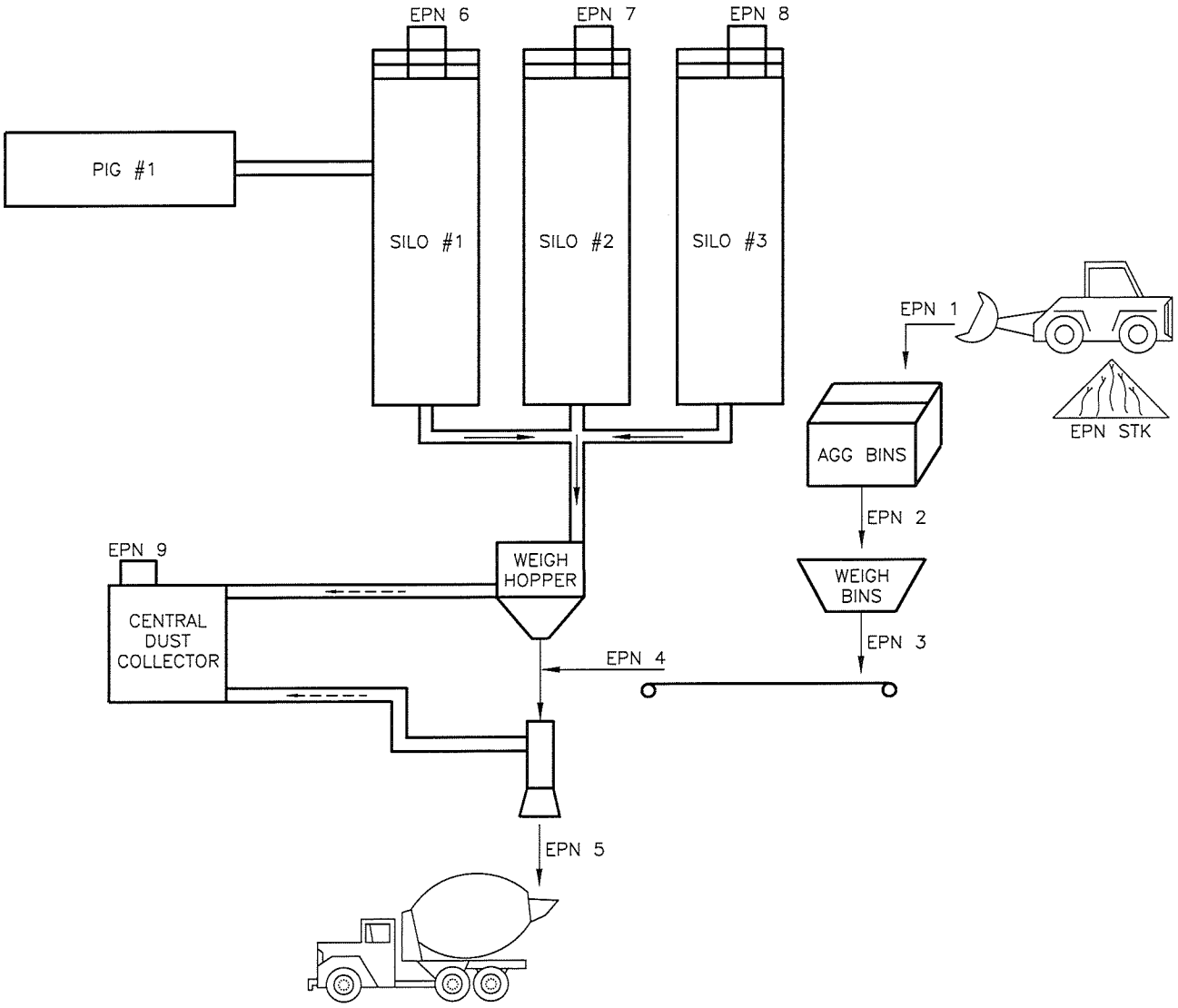
Washed sand and aggregate materials are delivered to the facility location by trucks and placed in appropriate stockpiles (EPN STK) by size. Other materials such as cement and admixtures used to change the properties of the concrete are also transported and delivered to the plants by truck.

Sand and aggregates are delivered from the stockpiles to the aggregate storage bins by a front-end loader (EPNs 1 & 10). The material falls into the aggregate weigh bins (EPNs 2 & 11) and measured amounts are transferred (EPNs 3 & 12) by a conveyor to the mixer trucks at the batch points (EPNs 4&13).

Cement and Flyash are transferred to the six storage silos and two pigs pneumatically and delivered to the cement weigh hoppers for measurement. The desired amounts of materials are transferred to the truck batch points where sand, aggregate, cement, admixtures, and water are combined and mixed by trucks which deliver the wet concrete to the desired location.

Emissions from the silos are vented to their own silo top baghouse (EPNs 6-8 & 15-17). The pigs are vented back into their associated silos. A central dust collector (EPNs 9&18) controls emissions from cement weigh hopper and the truck batch point. The loading of trucks (EPNs 5 & 14) accounts for any cement not captured by the central dust collectors.

Please refer to the flow diagram included in this application in order to follow the process description detailed above.



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SHEET #: 1 OF 2

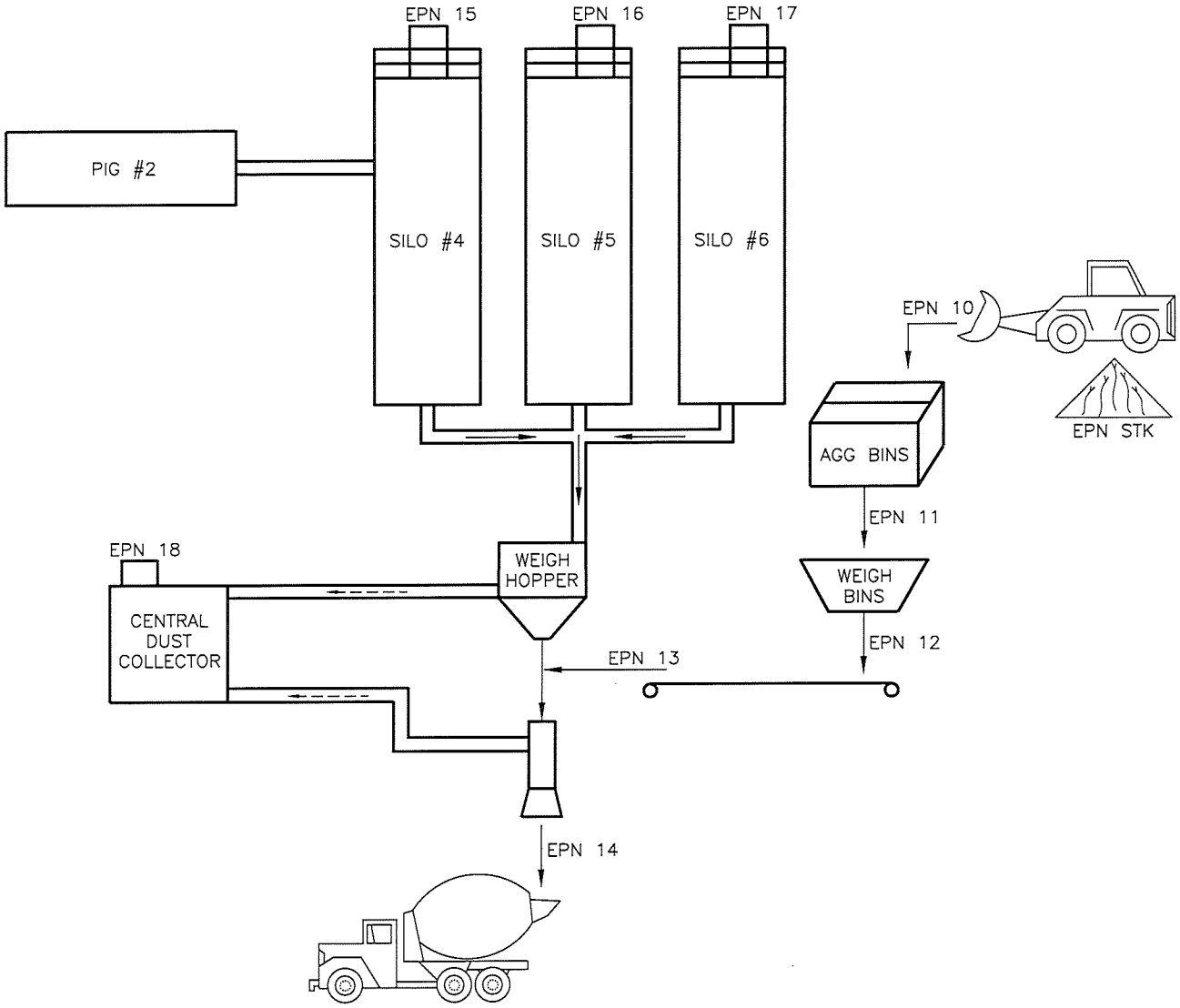
IMAGE: N/A	
ISSUE DATE:	02/26/2025
DRAWN BY:	MP
CHECKED BY:	MF
SCALE: 1" =	NTS
JOB #:	11414-011

FLOW DIAGRAM - PLANT #1

PERMANENT STANDARD PERMIT – CBP
CEPEDA, PEDRO
BROWNSVILLE, CAMERON COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



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FLOW DIAGRAM - PLANT #2

PERMANENT STANDARD PERMIT – CBP
CEPEDA, PEDRO
BROWNSVILLE, CAMERON COUNTY, TEXAS

REV.	DESCRIPTION	BY	DATE

IMAGE: N/A	
ISSUE DATE:	02/26/2025
DRAWN BY:	MP
CHECKED BY:	MF
SCALE: 1" =	NTS
JOB #:	11414-011

SHEET #: 2 OF 2

WESTWARD
Environmental. Engineering. Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112

General Plant Information

This worksheet is used to document the material composition and maximum expected production level. The values entered will be used to calculate the estimated emission rates in subsequent worksheets within this workbook.

Instructions:
1. Enter the requested information in the input cells below, or if prompted, select the appropriate answer from the drop-down menu provided.

Operating Schedule	hours/day	days/week	weeks/year	hours/year
	24	7	52	8,760

Concrete Production Rate	yd^3/ hour	yd^3/ year
	300	650,000

Type of Batch Plant	Truck or Central Mix?
	Truck Mix

Concrete Composition

Would you like to use the default composition of concrete?	Yes
Material	**Default (lbs/yd3)**
Aggregate	1,865
Sand	1,428
Cement	491
Supplement	73

Maximum Material Mass Flow Rate

Material	**ton/hr**	**ton/yr**
Aggregate	279.8	606,125.0
Sand	214.2	464,100.0
Cement	73.7	159,575.0
Supplement	11.0	23,725.0

Material Handling & Stockpile Emissions

This worksheet is used to calculate emissions from material handling and stockpiles. Enter the requested information in the input cells, or if prompted, select the appropriate answer using the drop-down menu provided.

A list of commonly accepted emission control methods and their associated efficiency ratings are provided below:

Wet material = 50%
Water sprays = 70%
Chemical foam = 80%
Partial enclosure = 50 - 85%
Full enclosure = 90%
Enclosed by building = Up to 90%
Washed material = 95%
Washed material with water spray = 98.5%

Material Handling - Coarse Aggregate Transfer Points

Enter the number of Aggregate Transfer Points	8	Maximum Mass Flow Rate (ton/hr)	280
Use the maximum material mass flow rate?	Yes	Maximum Mass Flow Rate (ton/yr)	606,125

Emission Point Number	1	2	3	4	10	11	12	13
Hourly Mass Flow Rate (ton/hr) = 280								
Annual Mass Flow Rate (ton/yr) = 606,125								
Control Type	washed	washed	washed	washed	washed	washed	washed	washed
Control Efficiency (%)	95	95	95	95	95	95	95	95
PM (lb/hr)	0.0965	0.0965	0.0965	0.0965	0.0965	0.0965	0.0965	0.0965
PM (ton/yr)	0.1046	0.1046	0.1046	0.1046	0.1046	0.1046	0.1046	0.1046
PM_{10} (lb/hr)	0.0462	0.0462	0.0462	0.0462	0.0462	0.0462	0.0462	0.0462
PM_{10} (ton/yr)	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
$PM_{2.5}$ (lb/hr)	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
$PM_{2.5}$ (ton/yr)	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076

Material Handling - Sand Transfer Points

Enter the number of Sand Transfer Points	8	Maximum Mass Flow Rate (ton/hr)	214
Use the maximum material mass flowrate?	Yes	Maximum Mass Flow Rate (ton/yr)	464,100

Emission Point Numbers	1	2	3	4	10	11	12	13
Hourly Mass Flow Rate (ton/hr) = 214								
Annual Mass Flow Rate (ton/yr) = 464,100								
Control Type	washed	washed	washed	washed	washed	washed	washed	washed
Control Efficiency (%)	95	95	95	95	95	95	95	95
PM (lb/hr)	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225	0.0225
PM (ton/yr)	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244	0.0244
PM_{10} (lb/hr)	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106	0.0106
PM_{10} (ton/yr)	0.0115	0.0115	0.0115	0.0115	0.0115	0.0115	0.0115	0.0115
$PM_{2.5}$ (lb/hr)	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
$PM_{2.5}$ (ton/yr)	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017

Raw Material Stockpile Emissions

Stockpile Emission Point Number	STK
Stockpile Area (acres)	1.5
Control Type	Washed
Control Efficiency (%)	95
Number of Active Days per Year	365
PM Inactive Emissions (ton/yr)	0.0000
PM_{10} Inactive Emissions (ton/yr)	0.0000
$PM_{2.5}$ Inactive Emissions (ton/yr)	0.0000
PM Active Emissions (ton/yr)	0.1807
PM_{10} Active Emissions (ton/yr)	0.0903
$PM_{2.5}$ Active Emissions (ton/yr)	0.0136
TOTAL PM Emissions (ton/yr)	**0.1807**
TOTAL PM_{10} Emissions (ton/yr)	**0.0903**
TOTAL $PM_{2.5}$ Emissions (ton/yr)	**0.0136**

Silo Emissions

This worksheet is used to calculate emissions from storage silos. Enter the requested information in the input cells below, or if prompted, select the appropriate answer from the drop-down menu provided.

Cement Silo Emissions

How many cement silos? (Up to 4)	4
Would you like to use the manufacturer's filter efficiency?	Yes

Emission Factors - Cement Silo		
lb_{PM}/ton	lb_{PM10}/ton	$lb_{PM2.5}$/ton
0.730	0.470	0.080

Cement Silo EPN(s)	6	7	15	16
Hourly Loading Rate (ton/hr)	74	74	74	74
Annual Loading Rate (ton/yr)	159,575	159,575	159,575	159,575
Control Efficiency (%)	99.5	99.5	99.5	99.5
PM (lb/hr)	0.2688	0.2688	0.2688	0.2688
PM (ton/yr)	0.2912	0.2912	0.2912	0.2912
PM_{10} (lb/hr)	0.1731	0.1731	0.1731	0.1731
PM_{10} (ton/yr)	0.1875	0.1875	0.1875	0.1875
$PM_{2.5}$ (lb/hr)	0.0296	0.0296	0.0296	0.0296
$PM_{2.5}$ (ton/yr)	0.0321	0.0321	0.0321	0.0321

Supplement Silo Emissions

How many supplement silos? (Up to 4)	2
Would you like to use the manufacturer's filter efficiency?	Yes

Emission Factors - Supplement Silo		
lb_{PM}/ton	lb_{PM10}/ton	$lb_{PM2.5}$/ton
3.14	1.10	0.19

Cement Supplement Silo EPN(s)	8	17
Hourly Loading Rate (ton/hr)	11	11
Annual Loading Rate (ton/yr)	23,725	23,725
Control Efficiency (%)	99.5	99.5
PM (lb/hr)	0.1719	0.1719
PM (ton/yr)	0.1862	0.1862
PM10 (lb/hr)	0.0602	0.0602
PM10 (ton/yr)	0.0652	0.0652
PM2.5 (lb/hr)	0.0103	0.0103
PM2.5 (ton/yr)	0.0112	0.0112

Cement/Supplement Weigh Hopper Emissions

Is there a cement/supplement weigh hopper?	Yes	
What is the EPN for the cement/supplement weigh hopper?	N/A	
Is it equipped with its own dust collector?	No	**This weigh hopper must be vented to equipment with a control device meeting current BACT.**
If the cement/supplement weigh hopper is vented to other equipment, please specify:		Central Dust Collector

Loading and Baghouse Emissions

This worksheet is used to calculate emissions from a baghouse stack and truck/mixer loading. Enter the requested information in the input cells below, or if prompted, select the appropriate answer from the drop-down menu provided. Emission rates are automatically calculated and displayed in the table at the bottom of the worksheet.

Truck Loading Information

What is the EPN for fugitive emissions from central/truck mixer loading?	5 & 14
What is the central baghouse stack EPN?	9 & 18
What is the central baghouse efficiency? (%)	99.5
Use the Default Suction Shroud Capture Efficiency?	Yes

Default Capture Efficiency % = **97.3**

Maximum Throughput		
Material	**ton/hr**	**ton/yr**
Aggregate	280	606,125
Sand	214	464,100
Cement	74	159,575
Supplement	11	23,725

Truck Loading Emission Factors		
lb_{PM}/ton	lb_{PM10}/ton	$lb_{PM2.5}$/ton
1.118	0.310	0.053

Pollutant	Central Baghouse Stack Emission Rates	Truck Loading Fugitive Emission Rates
PM (lb/hr)	0.4601	2.5537
PM (ton/yr)	0.4985	2.7665
PM10 (lb/hr)	0.1276	0.7081
PM10 (ton/yr)	0.1382	0.7671
PM2.5 (lb/hr)	0.0218	0.1211
PM2.5 (ton/yr)	0.0236	0.1312

Emissions Summary Table

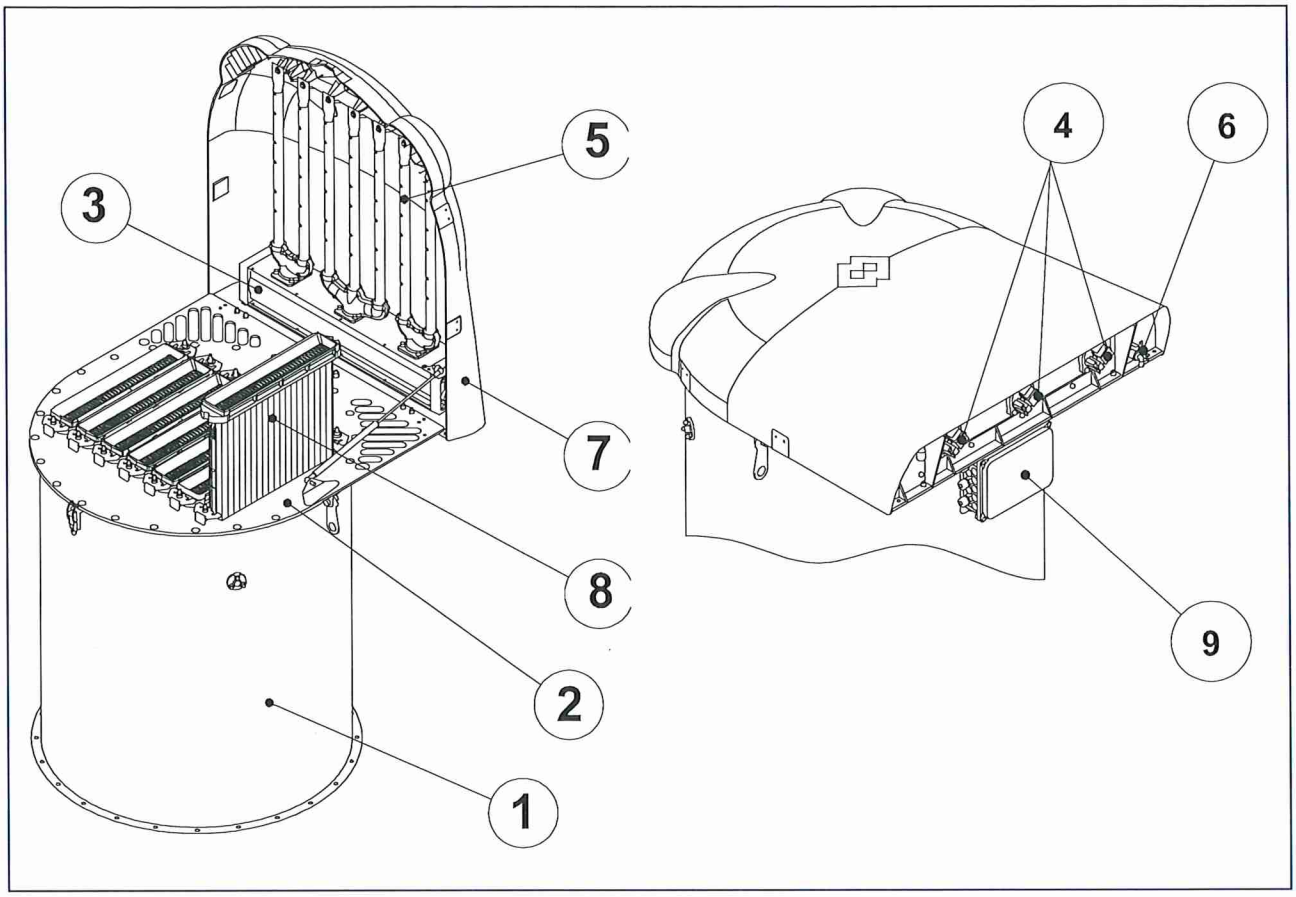
This worksheet compiles and displays the calculated emission rates for each source of air emissions listed within this workbook.

		PM		PM_{10}		$PM_{2.5}$	
Emission Point Number(s)	**Name**	**lb/hr**	**ton/yr**	**lb/hr**	**ton/yr**	**lb/hr**	**ton/yr**
1 - 4 & 10-13	Material Handling	0.952	1.031	0.454	0.492	0.069	0.074
STK	Stockpiles	-.--	0.181	-.--	0.090	-.--	0.014
9 & 18	Central Baghouse Stacks	0.460	0.498	0.128	0.138	0.022	0.024
5 & 14	Loading Fugitives	2.554	2.767	0.708	0.767	0.121	0.131
N/A	Cement Weigh Hoppers*						
6	Silo #1	0.269	0.291	0.173	0.188	0.030	0.032
7	Silo #2	0.269	0.291	0.173	0.188	0.030	0.032
8	Silo #3	0.172	0.186	0.060	0.065	0.010	0.011
17	Silo #6	0.172	0.186	0.060	0.065	0.010	0.011
15	Silo #4	0.269	0.291	0.173	0.188	0.030	0.032
16	Silo #5	0.269	0.291	0.173	0.188	0.030	0.032
N/A	Pig #1 & Pig #2**						

***The cement/supplement weigh hopper is vented to the following filter: Central Dust Collector**

****The pigs are vented into their associated silos**

3.2 Main components

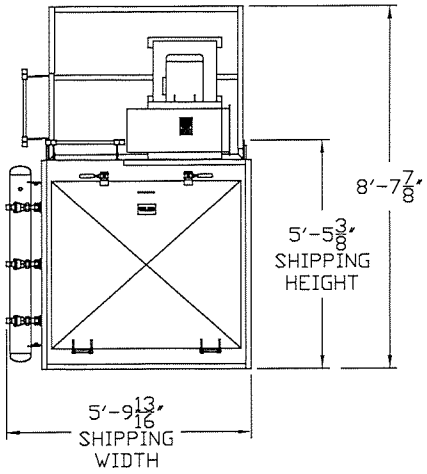


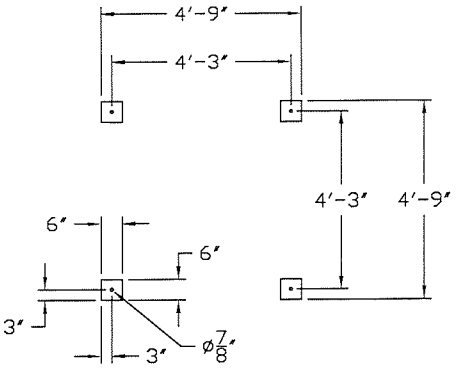
1) Filter body
2) Seal frame
3) Air tank
4) Solenoid valves
5) Blow pipes
6) Condensation drain cock
7) Filter cover
8) **POLYPLEAT®** filter elements
9) Electronic timer

REVISOR	DATE	CHECKED	DATE	ECO	REVISION
JRG	3/3/2021			X	UPDATE TO CURRENT TITLE BLOCK, ADDED REVISION HISTORY BLOCK.
X	X			X	X
X	X			X	X
X	X			X	X

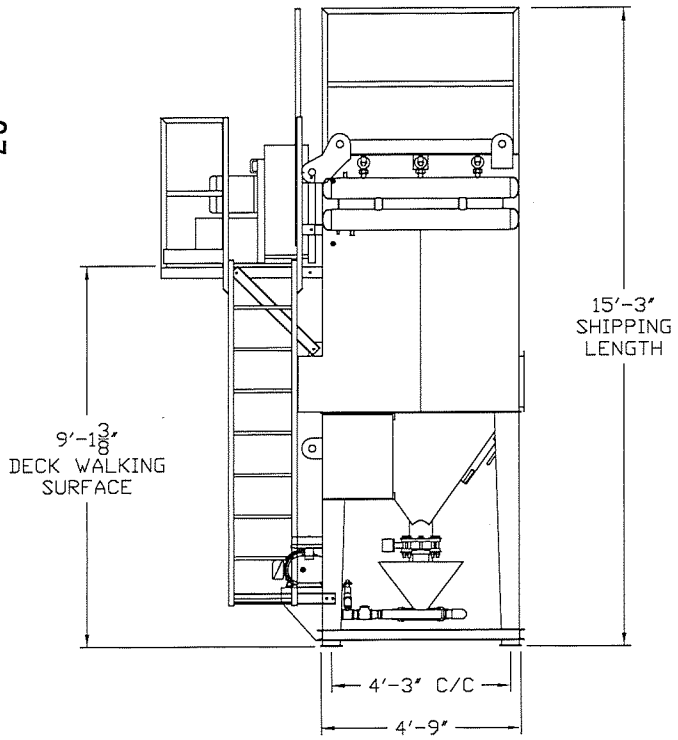
NOTES:

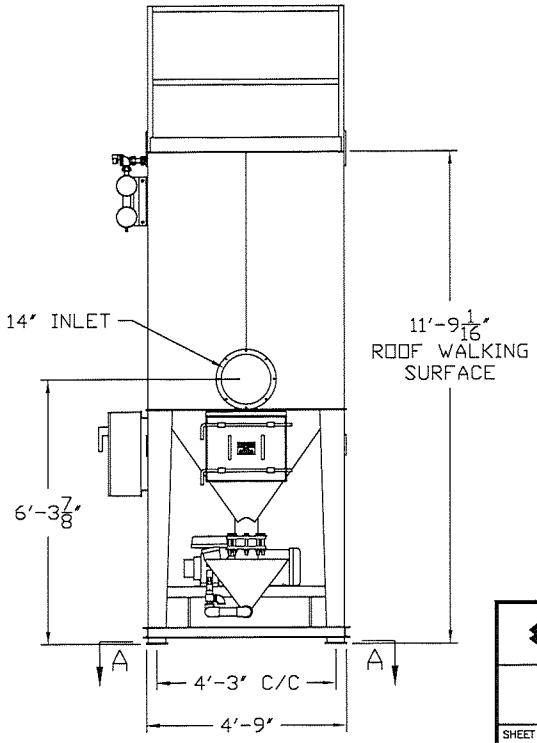
1. FAN – 5000 CFM @ 8" W.C., WITH 15 HP MOTOR
2. 7.5HP AUTOMATIC RECYCLE SYSTEM WITH 150# POD. RECYCLE REQUIRES A 2" DIAMETER RETURN LINE.
3. NEMA 4 PANEL WITH NON–FUSED DISCONNECT. INCLUDES MOTOR PROTECTORS AND STARTERS, CONTROL TRANSFORMER, AND PULSE TIMER BOARD. FANS WILL EXPERIENCE 7 TO 10 TIMES FULL LOAD AMPS DURING STARTUP – PLEASE SIZE CIRCUIT PROTECTION ACCORDINGLY
4. FILTERS – 15 EA. 8" DIA. X 39" LONG SPUN BOND POLYESTER CARTRIDGE, PROVIDING 794 SQ. FT. OF CLOTH AREA
5. 14" INLET
6. AIR CONSUMPTION – APPROXIMATELY 5 CFM @ 100 PSI, AIR CONNECTION 1/2" FNPT PROVIDED ON AIR REGULATOR
7. LADDER FALL ARREST SYSTEM (IF NECESSARY) BY OTHERS
8. COLLECTOR WEIGHT, ASSUMING MATERIAL DENSITY IS 90PCF:
   - 8.1. DEAD WEIGHT – 3,500#
   - 8.2. WEIGHT W/ HOPPER FULL – 5,105#
   - 8.3. WEIGHT W/ HOPPER AND HOUSING FULL – 14,042#





SECTION A–A





RECYCLE
DISCHARGE DIRECTION

37

C&W · DustTech
CLEAN AIR TECHNOLOGIES
DUST SETTLES. WE DON'T.

C&W · DustTech
6933 SHELMOR RD. ALVARADO, TX 76009
1-800-880-DUST

TOLERANCES
UNLESS OTHERWISE SPECIFIED
+/– 1/16"
ANGULAR ±1/2 DEGREE

DRAWN JRG
DATE 03/3/21
CHECKED
DATE

CONFIDENTIAL
CONTAINS TRADE SECRETS AND PROPRIETARY INFORMATION OF C & W DustTech. DUPLICATION, DISCLOSURE, AND USE ARE FORBIDDEN WITHOUT THE PRIOR WRITTEN CONSENT OF C & W DustTech.

SHEET 1 OF 1
FINISH N/A

TITLE
CP5250 CENTRAL DUST COLLECTOR
GENERAL ARRANGEMENT, WITH RECYCLE

LOCATION
G\ACAD\DRAW\NEWEST\GA

SCALE N.T.S
DWG. NUMBER CP-5250-R-GA
REV. 01

Air Quality Standard Permit for Concrete Batch Plants

Effective Date: January 24, 2024

(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 sections (8) or (9). Concrete batch plants that are authorized as temporary operations shall also comply with section (10) for relocation requirements. If a concrete batch plant operates using sections (8) or (9) 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.

(D) Facilities that meet the conditions of this standard permit do not have to meet the emissions and distance limitations in 30 TAC § 116.610(a)(1).

(2) Definitions

(A) Auxiliary storage 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) Central mix plant (also known as wet mix) – A concrete batch plant where sand, aggregate, cement, cement supplement, and water are all combined and mixed in a central mix drum before being transferred to a transport truck.

(E) Dust suppressing fencing or other equivalent 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.

(F) 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.

(G) 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.

(H) 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 THSC, § 382.056, Notice of Intent to Obtain Permit or Permit Review; Hearing.

(I) Setback distance - The minimum distance from the nearest suction shroud fabric/cartridge filter exhaust (truck mix plant), drum feed fabric/cartridge filter exhaust (central mix plant), batch mixer feed exhaust (specialty plant), cement/fly ash storage silos, and/or engine to any property line.

(J) Site - The total of all stationary sources located on one or more contiguous or adjacent properties, that are under common control of the same person (or persons under common control).

(K) 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 60 cubic yards per hour (yd^3/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.

(L) 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.

(M) 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.

(N) 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.

(O) Truck mix plant – A concrete batch plant where sand, aggregate, cement, cement supplement, and water are all gravity fed from the weigh hopper into mixer trucks. The concrete is mixed on the way to the site where the concrete is to be placed.

(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 PI-1S-CBP, Concrete Batch Plant Standard Permit Registration Application.

(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 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 on the effective date, all new and modified sources must comply with this standard permit.

(F) Renewals shall comply with this standard permit on the later of:

(i) Two years from the effective date; 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 (10)(A) 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 rates for hourly and annual operations that demonstrate compliance with the tables in subsection (8)(A) or the production limitations in subsection (9)(A) of this standard permit, as applicable;

(iv) all repairs and maintenance of abatement systems and other dust suppression controls;

(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) monthly 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;

(xi) type of fuel used to power engines authorized by this standard permit; and

(xii) demonstration of compliance with subsection (5)(L) of 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/fly ash 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 (9)(B).

(B) Owners or operators shall maintain fabric or cartridge filters and collection systems in good working condition 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 in Appendix A-7 to Part 60 - Test Methods 19 through 25E; 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/fly ash, 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 in Appendix A-7 to Part 60 - Test Methods 19 through 25E, except during cement and fly ash 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 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 storage 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 storage 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 one or more of the following methods:

(i) watering them;

(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;

(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 regularly.

(F) Owners or operators shall use water, dust-suppressant chemicals, or cover stockpiles, as necessary to minimize dust emissions. Stockpiles shall be limited to a total of no more than 1.5 acres.

(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 EPA TM 22 in Appendix A-7 to Part 60 - Test Methods 19 through 25E, 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 TM 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 crushing plant 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 and setback limits specified in sections (8) or (9) of this standard permit.

(K) Concrete additives shall not emit volatile organic compounds (VOCs).

(L) All sand and aggregate shall be washed prior to delivery to the site.

(M) Any claim under this standard permit shall comply with the following:

(i) 30 TAC § 116.604, Duration and Renewal of Registrations to Use Standard Permits;

(ii) 30 TAC § 116.605(d)(1), 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.

(N) The owner or operator of any concrete batch plant authorized by this standard permit shall comply with 30 TAC § 101.4, Nuisance.

(6) Engines

(A) This standard permit authorizes emissions from a stationary compression ignition internal combustion engine (or combination of engines) of no more than 1,000 total horsepower (hp).

(B) Owners or operators of concrete batch plants that include one or more 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.

(E) Emissions from the engine(s) shall not exceed 2.61 grams per horsepower-hour (g/hp-hr) of NO_X, per manufacturer's specifications. A copy of the manufacturer's specifications shall be kept at the site.

(F) 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.

(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) Operational Requirements for Permanent and Temporary Concrete Plants

(A) Concrete batch plants authorized under this standard permit shall be limited to the maximum hourly production rate, and minimum setback distances for the suction shroud fabric/cartridge filter exhaust (truck mix plant), drum feed fabric/cartridge filter exhaust (central mix plant), cement/fly ash storage silos, and/or engine, based upon the plant location as follows:

(i) A single truck mix plant shall operate under the requirements in subsection (8)(E) and shall comply with Table 1 below, except as provided in paragraph (A)(ii) of this section.

Table 1: Production Rates and Setback Distances, single truck mix plant with shrouded mixer truck-receiving funnel.

Location (County)	Production Rate	Setback Distance (ft)
Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller	200 yd^3/hour	200
Cameron and Hidalgo		300
All other counties		100

(ii) A single truck mix plant operating under the requirements in subsection (8)(E) and subsection (8)(F) shall comply with Table 2 below.

Table 2: Production Rates and Setback Distances, single truck mix plant with shrouded mixer truck-receiving funnel and enclosure.

Location (County)	Production Rate	Setback Distance (ft)
All counties	200 yd^3/hour	100

(iii) Multiple truck mix plants at the same site operating under the requirements in subsection (8)(E) and subsection (8)(F) shall comply with Table 3 below.

Table 3: Production Rates and Setback Distances, multiple truck mix plants at a single site with enclosure.

Location (County)	Total Site Production Rate	Setback Distance (ft) for each Plant
Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller	300 yd^3/hour	200
Cameron and Hidalgo		200
All other counties		100

(iv) Central mix plants shall comply with Table 4 below.

Table 4: Production Rates and Setback Distances, central mix plants.

Location (County)	Production Rate	Setback Distance (ft)
Cameron and Hidalgo	300 yd^3/hour	200
All other counties		100

(B) Temporary concrete batch plants approved to operate in or contiguous to the right-of-way of a public works project are exempt from subsections (8)(E) and (F) and the minimum setback distances.

(C) Concrete batch plants shall be limited to a maximum production rate of no more than 650,000 cubic yards per year (yd^3/yr) in any rolling 12-month period.

(D) The owner or operator shall install and properly maintain a suction shroud at the truck mix batch drop point or a total enclosure of the central mix drum feed exhaust and vent the captured emissions to a fabric/cartridge filter system with a minimum of 5,000 actual cubic feet per minute (acfm) of air.

(E) For truck mix plants, the owner or operator shall shelter the drop point by an intact three-sided enclosure with a flexible shroud hanging from above the truck, or equivalent dust collection technology that extends below the mixer truck-receiving funnel.

(F) For alternative setback distances as listed in subsection (8)(A) Tables 2 and 3, in addition to subsection (8)(E), the owner or operator of truck mix plants shall shelter the truck loading operation with a three-sided solid enclosure or equivalent that extends from the ground level to three feet above the truck-receiving funnel.

(G) For permanent plants, the owner or operator shall prevent tracking of sediment onto adjacent roadways and reduce the generation of dust by one or more of the following methods:

(i) watering, sweeping, and cleaning the plant road entrances;

(ii) the use of a rumble grate (or equivalent) that is placed at least 50 feet from a public road to dislodge sediment from the wheels and undercarriage of trucks that haul aggregate, cement, and/or concrete;

(iii) the use of a vacuum truck (or equivalent) to clean the plant road entrances; or

(iv) the use of a tire-wash system (or equivalent) to remove sediment from the wheels and undercarriage of trucks that haul aggregate, cement, and/or concrete. It shall be (1) located in front of some type of traffic restriction such as a scale, plant gate or a stop sign to encourage its proper use, and (2) shall be set back at least 50 feet from the public road. This permit does not authorize the construction and/or use of a truck washing system under Texas Water Code Chapter 26.

(H) Stationary equipment (excluding the suction shroud fabric/cartridge filter exhaust, drum feed fabric/cartridge filter exhaust, cement/fly ash storage silos, and engine), stockpiles, and vehicles used for the operation of the concrete batch plant (except for incidental traffic and the entrance and exit to the site), shall not be located closer than 50 feet less than the applicable minimum setback distance listed in subsection (8)(A) from any property line.

(I) In lieu of meeting the distance requirements for roads of subsection (8)(H) of this standard permit, the owner or operator shall:

(i) construct and maintain in good working order dust suppressing fencing or other equivalent barriers as a border around roads, other traffic areas, and work areas; and

(ii) construct these borders to a height of at least 12 feet.

(J) In lieu of meeting the distance requirements for stockpiles of subsection (8)(H) of this standard permit, the owner or operator shall contain stockpiles within a three-walled bunker that extends at least two feet above the top of the stockpile.

(K) For permanent plants, 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 shall be cleaned and maintained intact. 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.

(9) Additional Requirements for Specialty Concrete Batch Plants

(A) Specialty concrete batch plants authorized under this standard permit shall be limited to the maximum hourly production rate, maximum annual production rate in any rolling 12-month period, and minimum setback distance for the batch mixer feed exhaust as follows:

Table 5: Hourly and Annual Maximum Production Rates and Minimum Setback Distances, Specialty Concrete Batch Plants

Maximum Hourly Production Rate (yd^3/hr)	Maximum Annual Production Rate (yd^3/yr)	Minimum Setback Distance (ft)
No more than 30	131,400	100
More than 30 but less than or equal to 60	262,800	200

(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 50 feet less than the applicable minimum setback distance listed in subsection (9)(A) from any property line.

(E) In lieu of meeting the buffer distance requirement for roads and other traffic areas in subsection (9)(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 borders to a height of at least 12 feet.

(10) Temporary Concrete Plants Relocation Requirements

(A) The appropriate TCEQ regional office may approve, without the need of public notice referenced in section (4) of this standard permit, the relocation 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 section (10)(B) 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.

(B) For relocations meeting subsection (10)(A) 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 setback distances to the property lines can be met at the new location;

(vi) representation of maximum hourly and annual site production;

(vii) 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);

(viii) the proposed date for start of construction and expected date for start of operation;

(ix) the expected time period at the proposed site;

(x) 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

(xi) 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.

(C) The owner or operator shall submit a completed current TCEQ Regional Notification Standard Permit/PBR Relocation Form when applying to relocate a temporary concrete batch plant.