

From: [eNotice TCEQ](#)
To: brian.birdwell@senate.texas.gov; helen.kerwin@house.texas.gov
Subject: TCEQ Notice - Permit Number 179303
Date: Wednesday, March 5, 2025 1:27:15 PM
Attachments: [TCEQ Notice - 179303_389677.pdf](#)

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Bonnie Evridge with the Air Permits Division at (512) 239-5222.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

From: [Erick Emerine](#)
To: [Sheila Monroe](#)
Subject: RE: Standard Permit Application - GAINES COUNTY HARVESTERS, INC., Permit 179303
Date: Wednesday, March 5, 2025 7:57:16 AM
Attachments: [20871.xlsx](#)

Sheila,

Please find the attached as requested.

Thanks.

Erick Emerine, P.E.
Enviro-Ag Engineering, Inc.
3404 Airway Blvd.
Amarillo, TX 79118
(806) 350-5458 Direct
(972) 369-9939 Cell
eeemerine@enviroag.com

From: Sheila Monroe <Sheila.Monroe@tceq.texas.gov>
Sent: Wednesday, March 5, 2025 7:04 AM
To: Erick Emerine <eeemerine@enviroag.com>
Subject: RE: Standard Permit Application - GAINES COUNTY HARVESTERS, INC., Permit 179303
Importance: High

Good morning,

Please submit the revised PI-1S workbook in Excel.

Thanks,

Sheila Monroe
Program Specialist III
Air Permits Initial Review Team
(512) 239-1612

From: Erick Emerine <eeemerine@enviroag.com>
Sent: Tuesday, March 4, 2025 3:05 PM
To: Sheila Monroe <Sheila.Monroe@tceq.texas.gov>

Subject: RE: Standard Permit Application - GAINES COUNTY HARVESTERS, INC., Permit 179303

Hello Sheila, please find the attached revised PI-1S form per your comment. Let me know if you need anything else.

Thanks.

Erick Emerine, P.E.
Enviro-Ag Engineering, Inc.
3404 Airway Blvd.
Amarillo, TX 79118
(806) 350-5458 Direct
(972) 369-9939 Cell
eeemerine@enviroag.com

From: Sheila Monroe <Sheila.Monroe@tceq.texas.gov>

Sent: Tuesday, March 4, 2025 1:28 PM

To: Erick Emerine <eeemerine@enviroag.com>

Subject: Standard Permit Application - GAINES COUNTY HARVESTERS, INC., Permit 179303

Importance: High

CAUTION: This email originated from outside of Enviro-Ag Engineering. Do not click links or open attachments unless you have verified the sender and know the content is safe.

Good afternoon Erick,

I am the administrative reviewer for the above referenced application for the GCH Plant 2.

Please submit a revised PI-1S workbook directly to me via email to update the County Judge to Danny Chambers on the PI-1S sheet, row 133.

Due to our processing timelines, the requested information will need to be submitted **within 2 business days** or it may be necessary to withdraw the application and resubmit.

Your prompt response is greatly appreciated!

Thanks,

Sheila Monroe
Program Specialist III
Air Permits Initial Review Team
(512) 239-1612

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

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Date: _____
Registration #: _____
Company: _____

[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.

[illegible]

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:	Gaines County Harvesters, Inc.
------------------------	--------------------------------

Company or Legal Name:	James County Harvesters, Inc.
<p>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:</p>	

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

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

Date: _____
Registration #: _____
Company: _____

Texas Secretary of State Charter/Registration Number (if given):	104469800
C. Company Official Contact Information: must not be a consultant	
Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mr.
First Name:	Malcolm
Last Name:	Petty
Title:	Director
Mailing Address:	PO Box 57
Address Line 2:	
City:	Cresson
State:	TX
ZIP Code:	76035
Telephone Number:	817-894-4031
Fax Number:	
Email Address:	gchconcrete@yahoo.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:	Erick
Last Name:	Emerine
Title:	Consultant
Company or Legal Name:	Enviro-Ag Engineering, Inc.
Mailing Address:	3404 Airway Blvd
Address Line 2:	
City:	Amarillo
State:	TX
ZIP Code:	79118
Telephone Number:	806-350-5458
Fax Number:	
Email Address:	eeemerine@enviroag.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.	CN604775049
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.	

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: https://www.tceq.texas.gov/agency/financial/fees/delin	No

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

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

Date: _____
Registration #: _____
Company: _____

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.	Somervell
TCEQ Region	Region 4
Street Address:	4431 US Hwy 67
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.	Rainbow
ZIP Code: Include the ZIP Code of the physical facility site, not the ZIP Code of the applicant's mailing address.	76077
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.	4431 US Hwy 67, Rainbow, TX 76077
B. General Information	
Requested Information	Response
Facility Name:	GCH Plant #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.	GCH Plant #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:	15330525-533
Serial number of the equipment to be authorized, if applicable:	
D. Industry Type	
Requested Information	Response
Principal Company Product/Business:	Supplier of Concrete Ready Mix
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

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

Date: _____
Registration #: _____
Company: _____

State Senator:	Brian Birdwell
District:	22
State Representative:	Helen Kerwin
District:	58

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:	Danny Chambers
Mailing Address:	107 N.E. Vernon
Address Line 2:	
City:	Glen Rose
State:	TX
ZIP Code:	76043
Is the facility located in any municipality or an extraterritorial jurisdiction of any municipality?	No

V. Project Information

A. Description

Requested Information	Response
Provide a brief description of the project that is requested. (Limited to 500 characters).	Air Quality Standard Permit Application for New Concrete Batch Plant Registration

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

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

Date: _____
Registration #: _____
Company: _____

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?	No
Requirements can be found at the link below:	

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 5, 2025

THE HONORABLE BRIAN BIRDWELL
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Small Business Stationary Source Registration under an Air Quality Standard Permit for Concrete Batch Plants
Concrete Batch Plant

Dear Senator Birdwell:

Pursuant to the requirements of Section 382.0516 of the Texas Clean Air Act, Texas Health and Safety Code, Chapter 382, this letter is to notify you of the recent receipt of an application for an air quality standard permit registration for a concrete batch plant which is located in your district. The status of all pending air quality applications may be viewed by visiting our agency Web site at www2.tceq.texas.gov/airperm/index.cfm.

GAINES COUNTY HARVESTERS, INC., P.O. Box 57, Cresson, Texas 76035-0057, has applied to construct a Concrete Batch Plant located at 4431 U.S. Highway 67, Rainbow, Somervell County, Texas 76077. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. The following link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.6906,32.2675&level=13>. The Air Quality Permit Number is 179303.

If you need further information or have any questions, please call Mr. Joe Nicosia at (512) 239-1644 or write him at the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

A handwritten signature in cursive script that reads "Nancy Birdsong".

Nancy Birdsong, Team Leader
Air Permits Initial Review Team
Air Permits Division

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 5, 2025

THE HONORABLE DANNY CHAMBERS
SOMERVELL COUNTY JUDGE
107 NE VERNON ST
GLEN ROSE TX 76043-4739

Re: Small Business Stationary Source Registration under an Air Quality Standard Permit for Concrete Batch Plants
Concrete Batch Plant

Dear Judge Chambers:

Pursuant to the requirements of Section 382.0516 of the Texas Clean Air Act, Texas Health and Safety Code, Chapter 382, this letter is to notify you of the recent receipt of an application for an air quality standard permit registration for a concrete batch plant which is located in your county. The status of all pending air quality applications may be viewed by visiting our agency Web site at www2.tceq.texas.gov/airperm/index.cfm.

GAINES COUNTY HARVESTERS, INC., P.O. Box 57, Cresson, Texas 76035-0057, has applied to construct a Concrete Batch Plant located at 4431 U.S. Highway 67, Rainbow, Somervell County, Texas 76077. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. The following link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.6906,32.2675&level=13>. The Air Quality Permit Number is 179303.

If you need further information or have any questions, please call Mr. Joe Nicosia at (512) 239-1644 or write him at the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

A handwritten signature in cursive script that reads "Nancy Birdsong".

Nancy Birdsong, Team Leader
Air Permits Initial Review Team
Air Permits Division

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 5, 2025

THE HONORABLE HELEN KERWIN
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Small Business Stationary Source Registration under an Air Quality Standard Permit for Concrete Batch Plants
Concrete Batch Plant

Dear Representative Kerwin:

Pursuant to the requirements of Section 382.0516 of the Texas Clean Air Act, Texas Health and Safety Code, Chapter 382, this letter is to notify you of the recent receipt of an application for an air quality standard permit registration for a concrete batch plant which is located in your district. The status of all pending air quality applications may be viewed by visiting our agency Web site at www2.tceq.texas.gov/airperm/index.cfm.

GAINES COUNTY HARVESTERS, INC., P.O. Box 57, Cresson, Texas 76035-0057, has applied to construct a Concrete Batch Plant located at 4431 U.S. Highway 67, Rainbow, Somervell County, Texas 76077. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. The following link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.6906,32.2675&level=13>. The Air Quality Permit Number is 179303.

If you need further information or have any questions, please call Mr. Joe Nicosia at (512) 239-1644 or write him at the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

A handwritten signature in cursive script that reads "Nancy Birdsong".

Nancy Birdsong, Team Leader
Air Permits Initial Review Team
Air Permits Division

From: [Sheila Monroe](#)
To: [Joe Nicosia](#)
Subject: New Project Assignment - Currently in Initial Review Process
Date: Tuesday, March 4, 2025 12:53:55 PM

179303_389677 is located at Z:*Mechanical-Coatings*\Team Leader. Please assign a reviewer and move the project folder to Z:*Mechanical-Coatings*\Assigned Reviewer's Folder.

This project has been identified as an:

- Expedite Surcharge (SB1756)

Thank you!

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found 7 items where the item contains **somervell**. Showing item 7 of 7.

<< prev

list

search:

Somervell County Public Library

Somervell, TX

Address: 108 Allen Drive
Glen Rose, Texas
76043-4526
United States


County: [Somervell](#)

Region: [North Texas](#)

Phone: 254-897-4582

Connect to: [Library Web Site](#)✓

Library details: **Somervell County Public Library** is a **Public** library.
This library is affiliated with the library system that serves **Somervell, TX**. The collection of the library contains **43,045** volumes. The library circulates **36,216** items per year. The library serves a population of **8,451** residents .

Permalink:  <https://librarytechnology.org/library/24269>
(Use this link to refer back to this listing.)

Administration: The director of the library is **Peggy Oldham** .

Organizational structure: This is a publicly funded and managed library.

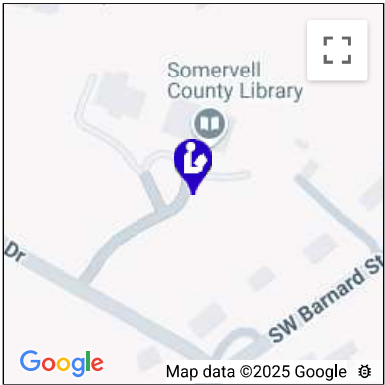
See also: [Directory of Public Libraries in the United States](#)

See also: [Directory of Public Libraries in Texas](#)

Statistics Public		
Service Population	8,451	Residents
Collection size	43,045	volumes
Annual Circulation	36,216	transactions



Somervell County Public Library



map location✓

Related Libraries

- Libraries located in [Glen Rose](#) (Texas)
- Libraries located in [Somervell](#) county (Texas)
- [View map of libraries in Somervell County](#)
- [all Public libs in Texas](#)
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- [Automation systems in Texas](#)

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Congressman Roger Williams

U.S. Congressional District 25

Representative Helen Kerwin

Texas House District 58

Senator Brian Birdwell

Texas Senate District 22

Mr. Brandon Hall

State Board of Education District 11

Senator John Cornyn

U.S. Senate

Senator Ted Cruz

U.S. Senate

Somervell County Texas

OUR COMMUNITY, OUR COMMITMENT.

County Judge



Judge Danny L. Chambers

Physical Address:

107 N.E. Vernon

Glen Rose, TX 76043

Mailing Address:

P.O. Box 851

Glen Rose 76043

Phone: 254-897-2322

Fax: 254-897-7314

ABOUT THE COUNTY JUDGE

The County Judge of Somervell County serves as the Chief Administrator of the County Government, the Chief Elected Official and presides over the five-member Commissioners Court which has budgetary and administrative authority over county government.

The County Judge has judicial responsibilities for certain criminal, civil and probate matters. Also, the County Judge has appellate jurisdiction over matters arising from the justice courts. The County Judge handles a wide range of hearings for beer and wine applications, admittance to state hospitals for mentally ill and mentally retarded, juvenile and guardianship purposes. The judge is responsible for calling elections, posting election notices and receiving and canvassing the election returns. The judge may also perform marriages.

Resumen en Lenguaje Sencillo del Permiso Estándar para Plantas de Hormigón
Solicitud de Permiso Estándar para Plantas de Hormigón Número de Registro 179303

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.

Gaines County Harvesters, Inc. (CN604775049) ha presentado una solicitud de registro de permanente planta de hormigón en virtud del Permiso de la Norma de Calidad del Aire para Plantas de Hormigón para el número de registro 179303. La planta de hormigón (RN112163753) se ubicará en 4431 US Hwy 67, Rainbow, Somervell Condado.

Este registro autorizará a la planta de hormigón a tener una producción máxima de 200 yardas cúbicas por hora de hormigón y a operar hasta 2,500 horas al año . Se emitirán partículas por la manipulación de áridos, cemento y cenizas volantes. Las carreteras y las zonas de tráfico se controlarán pavimentación y regando ellos para controlar el polvo. El polvo de los acopios se reducirá al mínimo mediante para regando. Para el control del polvo de cemento y cenizas volantes se utilizarán cerramientos y filtros de mangas.

**Plain Language Summary for Concrete Batch Plant Standard Permit
Application for Concrete Batch Plant Standard Permit Registration Number 179303**

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 3. 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.

Gaines County Harvesters, Inc. (CN604775049) has submitted an application to register a permanent concrete batch plant under the Air Quality Standard Permit for Concrete Batch Plants for registration number 179303. The concrete batch plant (RN112163753) will be located at 4431 US Hwy 67, Rainbow, Somervell County.

This registration will authorize the concrete batch plant to have a maximum production rate of 200 cubic yards per hour of concrete and operate up to 2,500 hours per year. Particulate matter will be emitted from the handling of aggregate, cement, and fly ash. Roads and traffic areas will be controlled by paving and watering them to control dust. Dust from stockpiles will be minimized by watering. Enclosures and baghouses will be used to control cement and fly ash dust.

Resumen en Lenguaje Sencillo del Permiso Estándar para Plantas de Hormigón
Solicitud de Permiso Estándar para Plantas de Hormigón Número de Registro 179303

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.

Gaines County Harvesters, Inc. (CN604775049) ha presentado una solicitud de registro de permanente planta de hormigón en virtud del Permiso de la Norma de Calidad del Aire para Plantas de Hormigón para el número de registro 179303. La planta de hormigón (RN112163753) se ubicará en 4431 US Hwy 67, Rainbow, Somervell Condado.

Este registro autorizará a la planta de hormigón a tener una producción máxima de 200 yardas cúbicas por hora de hormigón y a operar hasta 2,500 horas al año . Se emitirán partículas por la manipulación de áridos, cemento y cenizas volantes. Las carreteras y las zonas de tráfico se controlarán pavimentación y regando ellos para controlar el polvo. El polvo de los acopios se reducirá al mínimo mediante para regando. Para el control del polvo de cemento y cenizas volantes se utilizarán cerramientos y filtros de mangas.

**Plain Language Summary for Concrete Batch Plant Standard Permit
Application for Concrete Batch Plant Standard Permit Registration Number 179303**

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 3. 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.

Gaines County Harvesters, Inc. (CN604775049) has submitted an application to register a permanent concrete batch plant under the Air Quality Standard Permit for Concrete Batch Plants for registration number 179303. The concrete batch plant (RN112163753) will be located at 4431 US Hwy 67, Rainbow, Somervell County.

This registration will authorize the concrete batch plant to have a maximum production rate of 200 cubic yards per hour of concrete and operate up to 2,500 hours per year. Particulate matter will be emitted from the handling of aggregate, cement, and fly ash. Roads and traffic areas will be controlled by paving and watering them to control dust. Dust from stockpiles will be minimized by watering. Enclosures and baghouses will be used to control cement and fly ash dust.

AIR QUALITY STANDARD PERMIT APPLICATION FOR CONCRETE BATCH PLANT REGISTRATION

GCH Plant #2 - Cemco 300 Concrete Batch Plant
4431 US Hwy 67, Rainbow, TX 76077
Somervell County

Conducted For:

Gaines County Harvesters, Inc.

P.O. Box 57

Cresson, Texas 76035

February 17, 2025

Conducted By:





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.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 604775049		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>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).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Gaines County Harvesters, Inc.					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
104469800		17521859946			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input checked="" type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:		PO Box 57			
City		Cresson	State	TX	ZIP
					76035
ZIP + 4					
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				gchconcrete@yahoo.com	
18. Telephone Number			19. Extension or Code		20. Fax Number (if applicable)

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If "New Regulated Entity" is selected, a new permit application is also required.)</i>								
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information								
<i>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).</i>								
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>								
GCH Plant #2								
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	4431 US Hwy 67							
	City	Rainbow	State	TX	ZIP	76077	ZIP + 4	
24. County	Somervell							

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

25. Description to Physical Location:								
26. Nearest City					State	Nearest ZIP Code		
<i>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).</i>								
27. Latitude (N) In Decimal:		32.2675			28. Longitude (W) In Decimal:		97.6906	
Degrees	Minutes	Seconds		Degrees	Minutes	Seconds		
32	16	3		97	41	26.3		
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								
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
Produces ready mix concrete								
34. Mailing Address:	PO Box 57							
	City	Cresson	State	TX	ZIP	76035	ZIP + 4	
35. E-Mail Address:		gchconcrete@yahoo.com						
36. Telephone Number			37. Extension or Code			38. Fax Number <i>(if applicable)</i>		
(817) 894-4031						() -		

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.

	City	Cresson	State	TX	ZIP	76035	ZIP + 4	
35. E-Mail Address:		gchconcrete@yahoo.com						
36. Telephone Number			37. Extension or Code		38. Fax Number (if applicable)			
(817) 894-4031					() -			

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

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

SECTION IV: Preparer Information

40. Name:	Erick Emerine	41. Title:	Consultant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(806) 350-5458		() -	eemerine@enviroag.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.

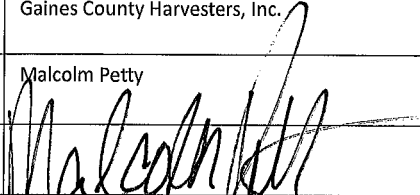
Company:	Gaines County Harvesters, Inc.	Job Title:	President
Name (In Print):	Malcolm Petty	Phone:	(817) 894- 4031
Signature:		Date:	2/24/2025

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1.0 PLAIN LANGUAGE SUMMARY FOR CONCRETE BATCH PLANT

**Plain Language Summary for Concrete Batch Plant Standard Permit
Application for Concrete Batch Plant Standard Permit Registration Number [#####]**

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 3. 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.

Gaines County Harvesters, Inc. (CN604775049) has submitted an application to register a permanent concrete batch plant under the Air Quality Standard Permit for Concrete Batch Plants for registration number [#####]. The concrete batch plant (RN[#####]) will be located at 4431 US Hwy 67, Rainbow, Somervell County.

This registration will authorize the concrete batch plant to have a maximum production rate of 200 cubic yards per hour of concrete and operate up to 2,500 hours per year. Particulate matter will be emitted from the handling of aggregate, cement, and fly ash. Roads and traffic areas will be controlled by paving and watering them to control dust. Dust from stockpiles will be minimized by watering. Enclosures and baghouses will be used to control cement and fly ash dust.

Resumen en Lenguaje Sencillo del Permiso Estándar para Plantas de Hormigón
Solicitud de Permiso Estándar para Plantas de Hormigón Número de Registro [#####]

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.

Gaines County Harvesters, Inc. (CN604775049) ha presentado una solicitud de registro de permanente planta de hormigón en virtud del Permiso de la Norma de Calidad del Aire para Plantas de Hormigón para el número de registro [#####]. La planta de hormigón (RN[#####]) se ubicará en 4431 US Hwy 67, Rainbow, Somervell Condado.

Este registro autorizará a la planta de hormigón a tener una producción máxima de 200 yardas cúbicas por hora de hormigón y a operar hasta 2,500 horas al año . Se emitirán partículas por la manipulación de áridos, cemento y cenizas volantes. Las carreteras y las zonas de tráfico se controlarán pavimentación y regando ellos para controlar el polvo. El polvo de los acopios se reducirá al mínimo mediante para regando. Para el control del polvo de cemento y cenizas volantes se utilizarán cerramientos y filtros de mangas.

2.0 TCEQ FORM PI-1S-CBP

Date: _____
Registration #: _____
Company: _____

[Click here to go back to the Cover sheet.](#)

Instructions:

- 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 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.

A. Registration and Action Type (only one permit and action may be selected with each form)

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

All cells must be completed for change of representations.

[illegible]

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

Company or Legal Name:	Gaines County Harvesters, Inc.
------------------------	--------------------------------

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

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

Date: _____
Registration #: _____
Company: _____

Texas Secretary of State Charter/Registration Number (if given):	104469800
C. Company Official Contact Information: must not be a consultant	
Requested Information	Response
Prefix (Mr., Ms., Dr., etc.):	Mr.
First Name:	Malcolm
Last Name:	Petty
Title:	Director
Mailing Address:	PO Box 57
Address Line 2:	
City:	Cresson
State:	TX
ZIP Code:	76035
Telephone Number:	817-894-4031
Fax Number:	
Email Address:	gchconcrete@yahoo.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:	Erick
Last Name:	Emerine
Title:	Consultant
Company or Legal Name:	Enviro-Ag Engineering, Inc.
Mailing Address:	3404 Airway Blvd
Address Line 2:	
City:	Amarillo
State:	TX
ZIP Code:	79118
Telephone Number:	806-350-5458
Fax Number:	
Email Address:	eeemerine@enviroag.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.	CN604775049
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.	

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: https://www.tceq.texas.gov/agency/financial/fees/delin	No

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

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

Date: _____
Registration #: _____
Company: _____

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.	Somervell
TCEQ Region	Region 4
Street Address:	4431 US Hwy 67
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.	Rainbow
ZIP Code: Include the ZIP Code of the physical facility site, not the ZIP Code of the applicant's mailing address.	76077
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.	4431 US Hwy 67, Rainbow, TX 76077
B. General Information	
Requested Information	Response
Facility Name:	GCH Plant #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.	GCH Plant #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:	15330525-533
Serial number of the equipment to be authorized, if applicable:	
D. Industry Type	
Requested Information	Response
Principal Company Product/Business:	Supplier of Concrete Ready Mix
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:	Brian Birdwell
District:	22

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

Date: _____
Registration #: _____
Company: _____

State Representative:	Helen Kerwin
District:	58

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:	Ronnie Webb
Mailing Address:	107 N.E. Vernon
Address Line 2:	
City:	Glen Rose
State:	TX
ZIP Code:	76043
Is the facility located in any municipality or an extraterritorial jurisdiction of any municipality?	No

V. Project Information

A. Description

Requested Information	Response
Provide a brief description of the project that is requested. (Limited to 500 characters).	Air Quality Standard Permit Application for New Concrete Batch Plant Registration

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

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

Date: _____
Registration #: _____
Company: _____

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:	No

Texas Commission on Environmental Quality
Form PI-1S-CBP
6004Checklist

Date: _____
Registration #: _____
Company: _____

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?	Yes
Are multiple concrete batch plants being operated on the same site?	No

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 fabric/cartridge filter	N/A
	Select second method, if applicable.	N/A	N/A
	Select third method, if applicable.	N/A	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 (%)?	99.90%	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

Texas Commission on Environmental Quality
Form PI-1S-CBP
6004Checklist

Date: _____
Registration #: _____
Company: _____

(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.	(i) Watering	N/A
	Select the second control method, if applicable.	(iv) Paved with a cohesive hard surface that is maintained intact and cleaned.	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)	Greater than 550 ft	N/A
(5)(J)	Are multiple concrete batch plants being operated on the same site?	No	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

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	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)(A)	Are any engines being authorized in this registration?	Yes	Specific engine data must be provided in Table 29 in this workbook.
	Is the total horsepower (hp) of the stationary compression ignition internal combustion engine (or combination of engines) in simultaneous operation at the site no more than 1,000 total horsepower (hp)?	Yes	N/A
(6)(B)	Will all claims under this standard permit comply with the following?:	Respond below.	N/A
	Applicable engine requirements in 40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Yes	N/A
	40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	Yes	N/A
	30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds	Yes	N/A
	Any other applicable state or federal regulation for stationary compression ignition internal combustion engines	Yes	Attach supporting documentation if applicable
(6)(C)	Are the engine exhaust stacks a minimum of eight feet tall?	Yes	N/A
(6)(D)	Will fuel for the engines be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and not consist of a blend containing waste oils or solvents?	Yes	N/A
(6)(E)	Confirm emissions from the engine(s) will not exceed 2.61 grams per horsepower-hour (g/hp-hr) of NO _x , per manufacturer's specifications?	I agree	Attach supporting documentation.
	Will a copy of the manufacturer's specifications be kept at the site?	Yes	N/A
(6)(F)	Will the engine(s) be on-site for less than 12 consecutive months?	No	This project may not meet the requirements of the Standard Permit.
	If engine(s) are being used for electrical power or equipment operations, then is the site limited to a total of 1,000 hp in simultaneous operation?	Yes	N/A

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)(ii)	Will the single truck mix plant operate under the requirements in subsection (8)(E), 8(F), and comply with the production rate and setback distance limits found in Table 2?	Yes	N/A
	What is the production rate of the single truck mix plant with the shrouded mixer truck-receiving funnel and enclosure? (yd ³ /hour)	200	N/A

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	What is the setback distance of the single truck mix plant with the shrouded mixer truck-receiving funnel and enclosure? (ft)	100	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)	5,000	Minimum of 5,000 actual cubic feet per minute (acfm) of air.
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)	100	N/A
	What is the distance from the property line to the stockpiles? (ft)	80	N/A
	What is the distance from the property line to the vehicles? (ft)	50	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?	Yes	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?		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?		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?	10
What is the maximum days per week?	5
What is the maximum weeks per year?	50
What is the maximum hours per year?	2500

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)	0.5
Indicate where water sprays will be used, if applicable.	Stockpiles
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?	4
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	EP-8
Manufacturer	Donaldson
Model Number	TBV-2
List the sources being controlled	Cement Silo Top
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	

Filter System 2

Requested Information	Response
EPN	EP-9
Manufacturer	Donaldson
Model Number	TBV-2
List the sources being controlled	Cement Silo Top
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	

Filter System 3

Requested Information	Response
EPN	EP-10
Manufacturer	WAM
Model Number	FC1JO3
List the sources being controlled	Cement Weigh Hopper
Type of particulate controlled	PM/PM10/PM2.5, cement dust
Design maximum flow rate (acfm)	150
Average expected flow rate (acfm)	150
Particulate grain loading (grain/scf) - inlet	
Particulate grain loading (grain/scf) - outlet	

Filter System 4

Requested Information	Response
EPN	EP-11

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Table11-CBP

Date: _____
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Manufacturer	Donaldson
Model Number	9FS6
List the sources being controlled	Truck Mixing
Type of particulate controlled	PM/PM10/PM2.5, cement dust
Design maximum flow rate (acfm)	5000
Average expected flow rate (acfm)	5000
Particulate grain loading (grain/scf) - inlet	
Particulate grain loading (grain/scf) - outlet	

[Click here to go back to the Table11-CBP sheet](#)

Instructions:

1. Complete all applicable questions below.

Requested Information	Response
Manufacturer	John Deere
Model number	4045HFC09
Manufacture date	14-Oct
What is the engine exhaust stack height? (ft)	11
Horsepower rating	173
NOx emission factor (g/hp-hr)	
Does NSPS JJJJ apply?	No
Does MACT ZZZZ apply?	No
Does NSPS IIII apply?	No
Does 30 TAC Chapter 117 apply?	No

Requested Information	Response
What is the combined horsepower of the engines?	173

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Public Notice

Date: _____
Registration #: _____
Company: _____

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.):	Mr.
First Name:	Erick
Last Name:	Emerine
Title:	Consultant
Company Name:	Enviro-Ag Engineering, Inc.
Mailing Address:	3404 Airway Blvd
Address Line 2:	
City:	Amarillo
State:	TX
ZIP Code:	79118
Telephone Number:	806-350-5458
Fax Number:	
Email Address:	eemerine@enviroag.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.):	Mr.
First Name:	Erick
Last Name:	Emerine
Title:	Consultant
Company Name:	Enviro-Ag Engineering, Inc.
Mailing Address:	3404 Airway Blvd
Address Line 2:	
City:	Amarillo
State:	TX
ZIP Code:	79118
Telephone Number:	806-350-5458
Fax Number:	
Email Address:	eemerine@enviroag.com

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Public Notice

Date: _____
Registration #: _____
Company: _____

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:	Somervell County Library
Physical Address:	108 Allen Dr
Address Line 2:	
City:	Glen Rose
ZIP Code:	76043
County:	Somervell
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?	No
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.	

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Form PI-1S-CBP
Public Notice

Date: _____
Registration #: _____
Company: _____

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

[Click here to go back to the Public Notice sheet.](#)

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

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.

Are you requesting to expedite this project?		No

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
--	----------

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		

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Fees

Date: _____
Registration #: _____
Company: _____

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

Texas Commission on Environmental Quality
Form PI-1S-CBP
6004Requirements

Date: _____
Registration #: _____
Company: _____

Amendments to the Air Quality Standard Permit for Concrete Batch Plants

[Click here to go back to the Copies sheet.](#)

Effective Date January 24, 2024

All of the following applicable requirements must be met to obtain a Concrete Batch Plant Standard Permit registration. No data is required on this sheet.

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 Dust suppressing fencing or other barrier - A manmade obstruction that is at least 12 feet high that is used to prevent fugitive dust from stationary equipment stockpiles, in-plant roads, and traffic areas from leaving the plant property.
- E Permanent concrete batch plant - For the concrete batch plant standard permit, it is a concrete batch plant that is not a temporary or specialty concrete batch plant.
- F Related project segments - For plants on a Texas Department of Transportation right-of-way, related project segments are one contract with multiple project locations or one contractor with multiple contracts in which separate project limits are in close proximity to each other. A plant that is sited on the right-of-way is usually within project limits. However, a plant located at an intersection or wider right-of-way outside project limits is acceptable if it can be easily associated with the project.
- G Right-of-way of a public works project - Any public works project that is associated with a right-of-way. Examples of right-of-way public works projects are public highways and roads, water and sewer pipelines, electrical transmission lines, and other similar works. A facility must be in or contiguous to the right-of-way of the public works project to be exempt from the public notice requirements listed in Texas Health and Safety Code, § 382.056, Notice of Intent to Obtain Permit or Permit Review; Hearing.
- H Site - The total of all stationary sources located on one or more contiguous or adjacent properties, which are under common control of the same person (or persons under common control).
- I 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/flyash 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, which 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 (yd³/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 poured.

3 Administrative Requirements

Texas Commission on Environmental Quality
Form PI-1S-CBP
6004Requirements

Date: _____
Registration #: _____
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- 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 TCEQ executive director.
- D The time period in 30 TAC § 116.611(b) (45 days) does not apply to owners or operators registering plants under this standard permit.
- E Beginning 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 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; and
 - (xi) type of fuel used to power engines authorized by this standard permit.
 - (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.

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.

General Requirements

- A Owners or operators shall vent all cement/flyash storage silos, weigh hoppers, and auxiliary storage tanks to a fabric/cartridge filter or to a central fabric/cartridge filter system except as allowed by subsection (9)(B).
- B Owners or operators shall maintain fabric or cartridge filters and collection systems by meeting all the following:
 - (i) operating them properly with no tears or leaks;
 - (ii) using filter systems (including any central filter system) designed to meet a minimum control efficiency of at least 99.5 percent at particle sizes of 2.5 microns and smaller;
 - (iii) meeting a performance standard of no visible emissions exceeding 30 seconds in any six-minute period as determined using United States Environmental Protection Agency (EPA) Test Method (TM) 22; and
 - (iv) sufficiently illuminating silo filter exhaust systems when cement or fly ash silos are filled during non-daylight hours to enable a determination of compliance with the visible emissions requirement in paragraph (5)(B)(iii) of this standard permit.
- C When transferring cement/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, 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, in order to avoid adversely impacting the pollution abatement equipment or other parts of the loading operation.
 - (ii) If a warning device is used, it shall alert operators in sufficient time to prevent an adverse impact on the pollution abatement equipment or other parts of the loading operation. Visible warning devices shall be kept free of particulate build-up at all times.
 - (iii) Silo and auxiliary 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:

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6004Requirements

Date: _____
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Company: _____

- (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.
- F Owners or operators shall use water, dust-suppressant chemicals, or cover stockpiles, as necessary to minimize dust emissions.
- G Owners or operators shall immediately clean up spilled materials. To minimize dust emissions, owners or operators shall contain, or dampen spilled materials.
- H There shall be no visible fugitive emissions leaving the property. Observations for visible emissions shall be performed and recorded quarterly. The visible emissions determination shall be made during normal plant operations. Observations shall be made on the downwind property line for a minimum of six minutes. If visible emissions are observed, an evaluation must be accomplished in accordance with U.S. Environmental Protection Agency (EPA) Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, TM 22, using the criteria that visible emissions shall not exceed a cumulative 30 seconds in duration in any six-minute period. If visible emissions exceed the Test Method 22 criteria, immediate action shall be taken to eliminate the excessive visible emissions. The corrective action shall be documented within 24 business hours of completion.
- I The owner or operator shall locate the concrete batch plant operating under this standard permit at least 550 feet from any crushing plant or hot mix asphalt plant. The owner or operator shall measure from the closest point on the concrete batch plant to the closest point on any other facility. If the owner or operator cannot meet this distance, then the owner or operator shall not operate the concrete batch plant at the same time as the 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)(I), Standard Permit Amendment and Revocation;
 - (iii) 30 TAC § 116.614;
 - (iv) the public notice processes established in THSC, § 382.055, Review and Renewal of Preconstruction Permit;
 - (v) the public notice processes established in THSC, § 382.056;
 - (vi) the contested case hearing and public notice requirements established in 30 TAC § 55.152(a)(2), Public Comment Period; and
 - (vii) the contested case hearing and public notice requirements established in 30 TAC § 55.201(h)(i)(C), Requests for Reconsideration or Contested Case Hearing.
- 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.
- B Owners or operators of concrete batch plants that include a stationary compression ignition internal combustion engines shall comply with additional applicable engine requirements in 40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds, and any other applicable state or federal regulation.
- C Engine exhaust stacks shall be a minimum of eight feet tall.
- D Fuel for the engine shall be liquid fuel with a maximum sulfur content of no more than 0.0015 percent by weight and shall not consist of a blend containing waste oils or solvents.
- E Emissions from the engine(s) shall not exceed 2.61 grams per horsepower-hour (g/hp-hr) of NOX, 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/flyash 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

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6004Requirements

Date: _____
Registration #: _____
Company: _____

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 (yd³/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/flyash 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;
 - (ii) construct these borders to a height of at least 12 feet;
In lieu of meeting the distance requirements for roads of subsection (8)(H) of this standard permit, the owner or operator shall;
 - (iii) contain stockpiles within a three-walled bunker that extends at least two feet above the top of the stockpile.
- J 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.

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:

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

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)
--	--	-------------------------------

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Date: _____
Registration #: _____
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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
- E In lieu of meeting the buffer distance requirement for roads and other traffic areas in subsection (9)(D) (10)(D) of this standard permit, owners or operators shall:
- (i) construct dust suppressing fencing or other barriers as a border around roads, other traffic areas, and work areas; and
 - (ii) construct these 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.

3.0 FACILITY MAPS

Figure 1 – Vicinity

Figure 1, entitled Vicinity. The location of the facility is depicted on the map.

Figure 2 – USGS 7.5-Minute Quadrangle Map

Figure 2, entitled USGS 7.5-Minute Quadrangle Map. The location of the facility is depicted on the map.

Figure 3 – Plot Plan 1 of 2

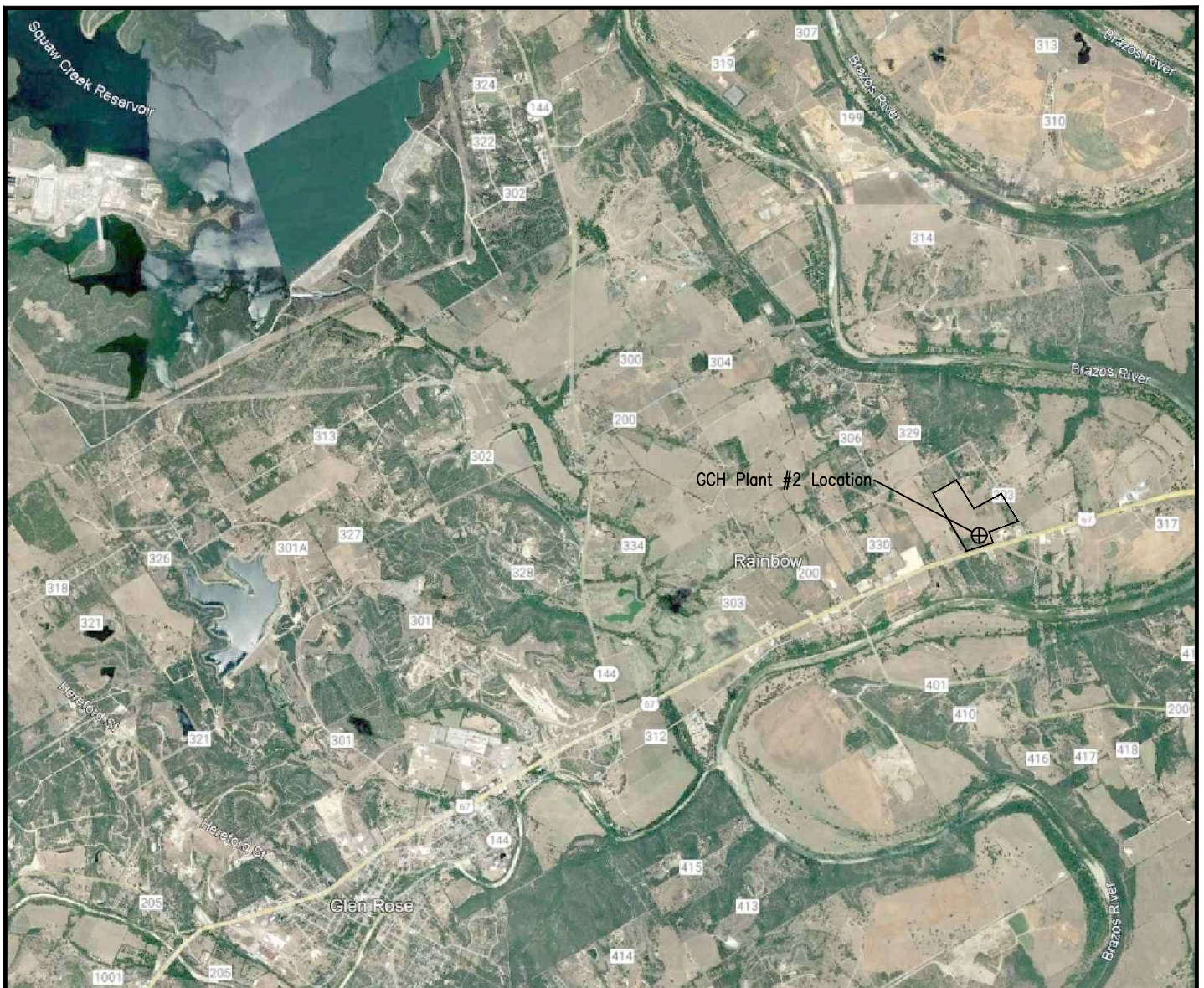
Figure 3, entitled Plot Plan 1 of 2, depicts the property boundary of the associated batch plant, 3,000 ft and 1-Mile radius from the property.

Figure 4 – Plot Plan 2 of 2

Figure 4, entitled Plot Plan 2 of 2, is a scaled drawing depicting a north arrow, all property lines, emission points, buildings, tanks, process vessels, other process equipment.

Figure 5 – Process Flow Diagram

Figure 5, entitled Proposed Process Flow Diagram, shows the concrete batch plant batching process. Each item that is involved in the process is labeled, the items in the process that release emissions are labeled as emission points.



SCALE: 1" = 1 mile

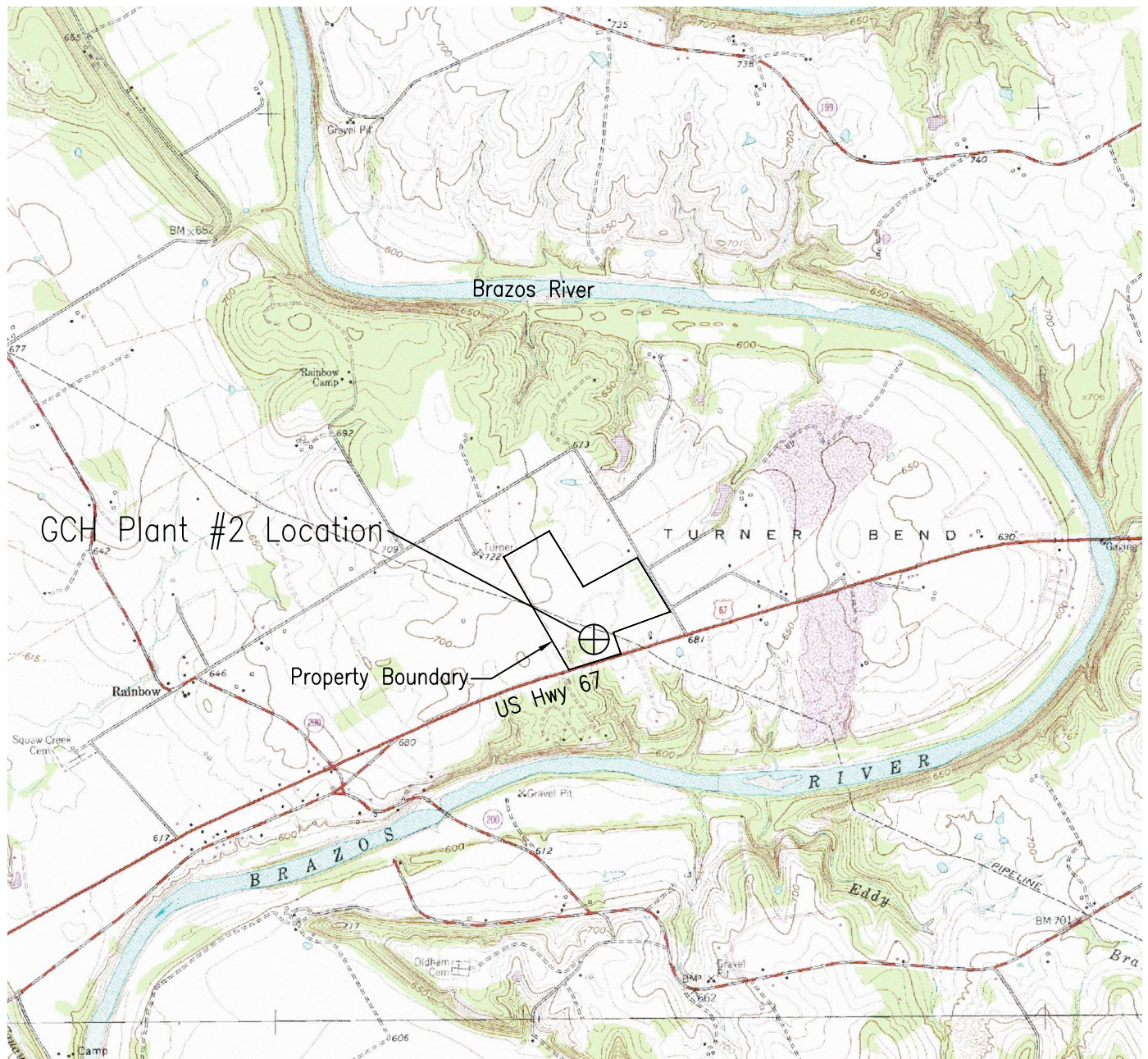
Source: Google Earth Aerial, 07/2022

Gaines County Harvesters, Inc.
GCH Plant #2
Somervell County, TX

Vicinity Map
Figure 1



Enviro-Ag Engineering, Inc.
ENGINEERING CONSULTANTS
3404 Airway Boulevard
AMARILLO, TEXAS 79118
TEL (806) 353-6123 FAX (806) 353-4132



- Facility Production area is approximately 70 Total Acres.



1/4 mi 0 1/4 mi 1/2 mi



SCALE: 1" = 1/2 mile

Source: USDA-NRCS. Geospatial Data Gateway. Available at:
<http://datagateway.nrcs.usda.gov/>. Digital Raster Graphic
 County Mosaic by NRCS - Accessed 02/2016.

Gaines County Harvesters, Inc.
 GCH Plant #2
 Somervell County, TX

USGS 7.5-Min Quadrangle Map
 Figure 2



Enviro-Ag Engineering, Inc.
 ENGINEERING CONSULTANTS
 3404 Airway Boulevard
 AMARILLO, TEXAS 79118
 TEL (806) 353-6123 FAX (806) 353-4132

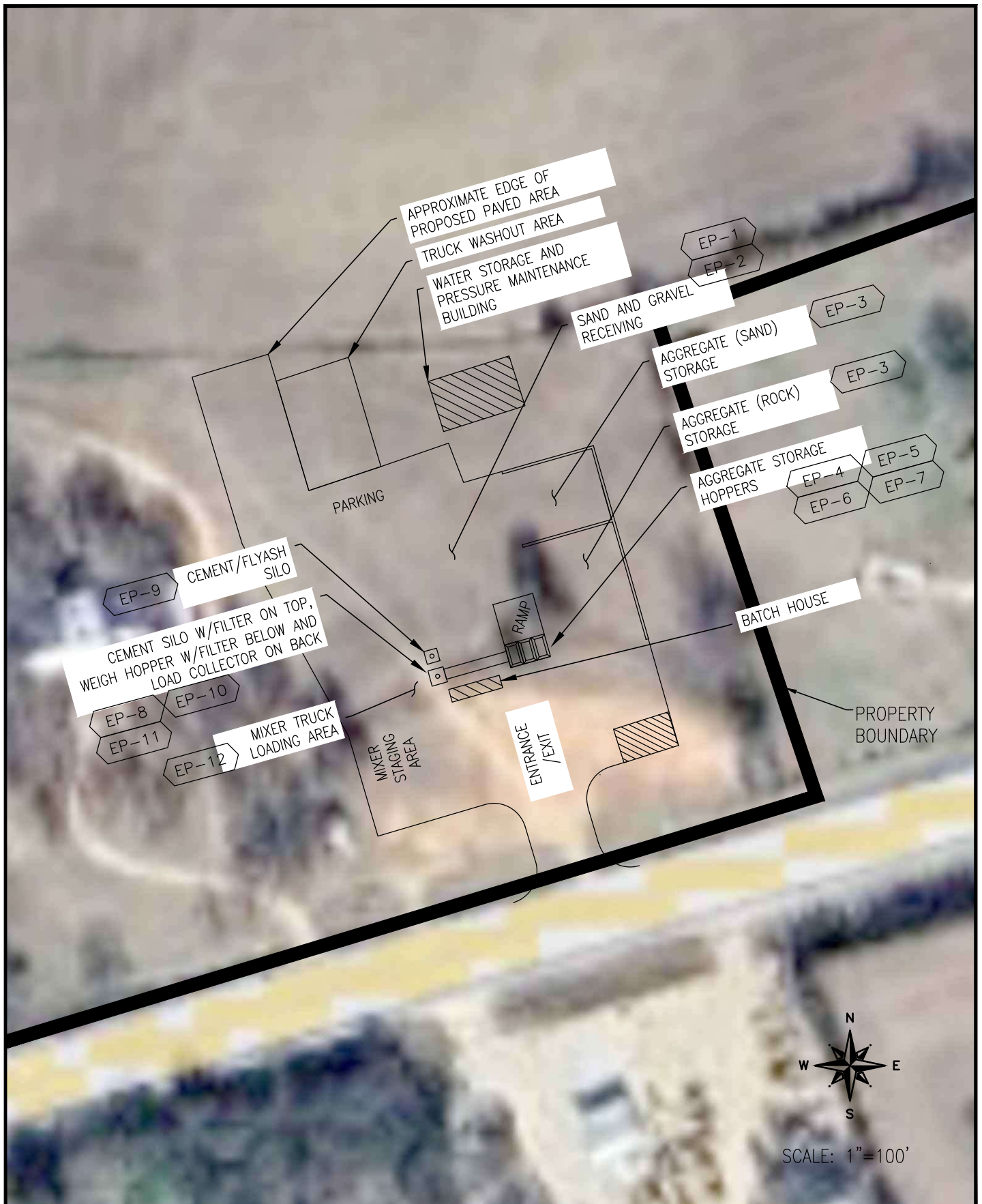


Gaines County Harvesters, Inc.
GCH Plant #2
Somervell County, TX

Plot Plan 1 of 2
Figure 3



Enviro-Ag Engineering, Inc.
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3404 Airway Boulevard
AMARILLO, TEXAS 79118
TEL (806) 353-6123 FAX (806) 353-4132

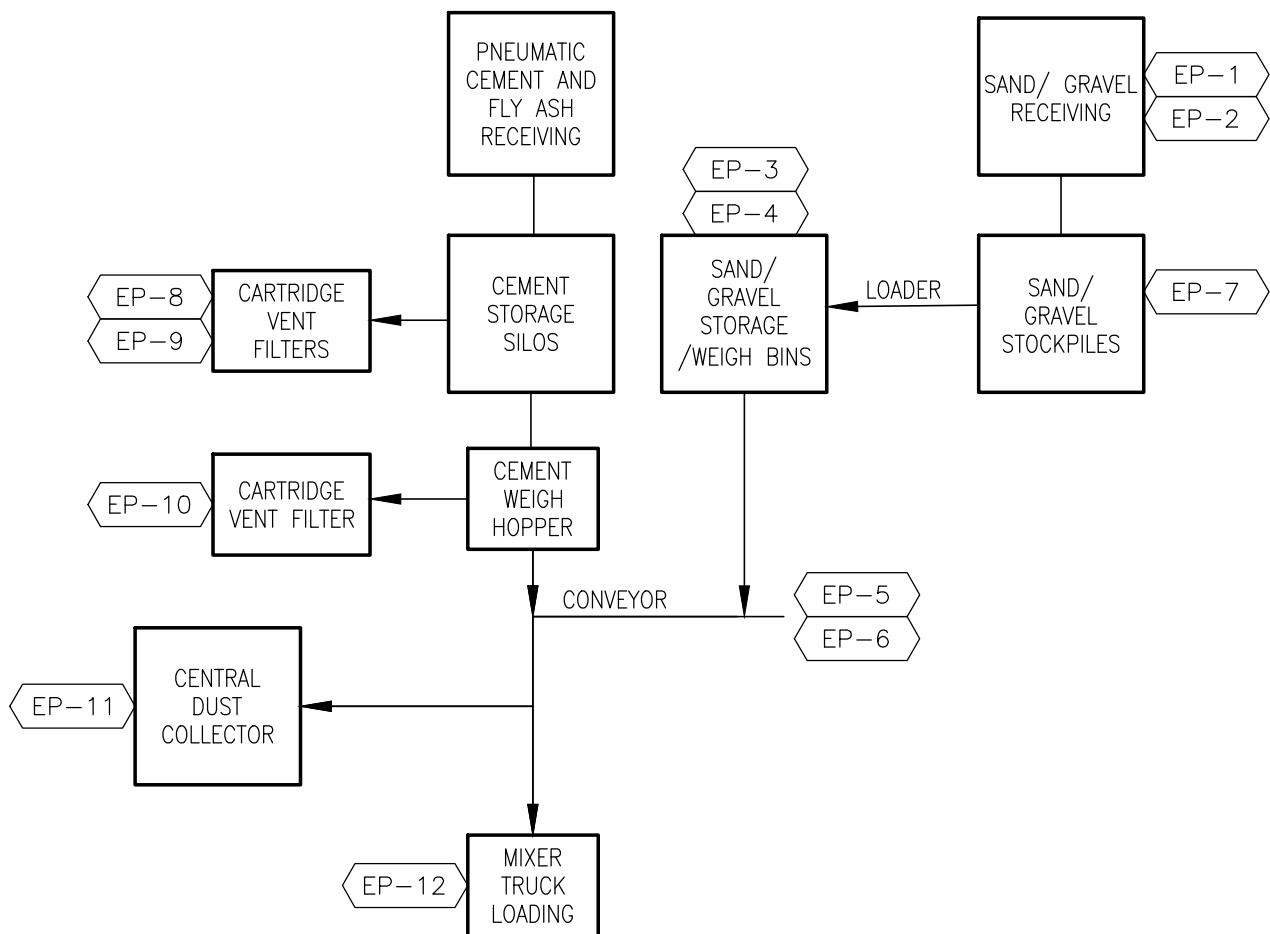


Gaines County Harvesters, Inc.
GCH Plant #2
Somervell County, TX

Plot Plan 2 of 2
Figure 4



Enviro-Ag Engineering, Inc.
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AMARILLO, TEXAS 79118
TEL (806) 353-6123 FAX (806) 353-4132



Gaines County Harvesters, Inc.
GCH Plant #2
Somervell County, TX

Process Flow Diagram
Figure 5



Enviro-Ag Engineering, Inc.
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4.0 BATCH PLANT – OPERATION DISCUSSION

Sand is delivered to the site in dump trucks with a capacity of 25 tons each at a maximum rate of two trucks per hour. Gravel is delivered in 25-ton dump trucks and hopper trucks at a maximum rate of two trucks per hour. The sand and gravel will be dumped on the ground and stockpiled with a 2.5-yard front end loader. Emission points for gravel and sand receiving are represented as EP1 and EP2 respectively. All aggregate stockpiles are watered to control dust (EP7). All plant roads are paved, watered and/or cleaned as needed to prevent a nuisance condition.

During batching operations, the gravel and sand will be loaded separately into weigh hoppers with the front-end loader (EP3 and EP4). After weighing, the gravel and sand are released onto a conveyor belt (EP5 and EP6) which transfers the materials to a point where they are dumped into the truck. The cement/fly ash is weighed in its own weigh ben, which has its own air filter (EP10), and is loaded directly into the back of the truck while water is being added. A central dust collector is connected to a shroud at the discharge point, or the point where materials are dumped (EP12) into the concrete truck. The central dust collector pulls suction from the shroud through ductwork connecting with the dust collector assembly where the cement/sand/gravel dust is filtered. The filtered air discharges out the top of the central dust collector (EP11). Mixer truck loading is considered a wet process.

Cement and fly ash will be delivered to the site in 25-ton loads via pneumatic trailers. Pneumatic trailers convey the cement and fly ash from the trailers into the storage silos. The cement and fly ash storage silos are equipped with a cartridge filter (EP8 & EP9) assembly that filters cement and fly ash dust during the transferring process. A maximum of two trucks per hour can be delivered.

After the rock, sand, and cement are in the mixer trucks, water is added to form concrete. The water helps to eliminate further fugitive emissions. A maximum of 800,000 lbs per hour of all ingredients (cement, sand, rock, and water) will be dropped into the mixer trucks.

This batch plant uses a diesel engine to operate the hydraulics on the plant. The engine is a four-cylinder, four stroke engine rated with 173 horsepower. Specifications of the engine are shown on the following Table 29.

Maintenance Startup and Shutdown (MSS) calculations are included in the maximum production rates. TCEQ's Mechanical Sources, Current Best Available Control Technology guidelines will be utilized.

5.0 EMISSIONS DATA – CONCRETE BATCH PLANT

Company: Gaines County Harvesters, Inc.

Completed by: Enviro-Ag Engineering, Inc.

Table 1: Plant Capacity

HP, maximum hourly production (yd ³ /hr)	200
AP, maximum annual production (yd ³ /yr)	650,000
AH, maximum annual operating hours (yd ³ /hr)	2,500

6.0 CONCRETE BATCH PLANT INFORMATION



CEMCO

Model 300

Specification Sheet

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Cemco Model 300 Technical Specifications

The Cemco Model 300 is completely portable with leveling cylinders on all four corners of the unit and a self-erecting 58 silo. The plant is completely self-contained, powered by an on board 173 Horsepower John Deere Diesel Engine.

Aggregate Handling

The Plant can be configured with 2, 3, or 4 aggregate bins. Additional 12 cubic yard automatic feeder conveyors may be added per aggregate bin.

2-bin Aggregate Storage	
Aggregate Storage Bin	Storage (cubic yards)
Sand	13 [35,000 lbs]
Rock	15 [40,000 lbs]
3-bin Aggregate Storage	
Aggregate Storage Bin	Storage (cubic yards)
Sand	13 [35,000 lbs]
Rock 1	15 [40,000 lbs]
Rock 2	15 [40,000 lbs]
4-bin Aggregate Storage	
Aggregate Storage Bin	Storage (cubic yards)
Sand	13 [35,000 lbs]
Rock 1	15 [40,000 lbs]
Rock 2	15 [40,000 lbs]
Rock 3	15 [40,000 lbs]

Note: An additional 12 cubic yards can be added per aggregate bin by utilizing the automatic aggregate feeder conveyors or a one load multi-agg feeder.

Aggregate Gate Control		
Aggregate Storage Bin	Gate Area (in ²)	Flow Control
Sand	312	Hydraulic inching clam gate*
Rock 1, 2, or 3	364	Hydraulic inching clam gate

*Sand bin also has a computer controlled vibrator in order to foster flow

Water Handling

The Model 300 Cemco Plant includes a hydraulically driven water pump which pushes water into an overhead water storage bin. The plant is hard wired to keep the storage tank full without operator interference. From the storage tank, water is gravity fed via a 6 inch, pneumatically actuated butterfly valve.

Water Pump	
Brand	Rated Maximum Flow
2 inch hydraulically driven water pump	200 GPM (750 LPM)

Water Storage and Transfer		
Water Storage Bin	Capacity	Butterfly Gate size
Overhead Water Storage Tank	600 Gallons (2300 Liters)	6 inch
Water Weigh Batcher	400 Gallons (1500 Liters)	6 inch

Cement Handling

The Model 300 batch plant includes a self-erecting silo which feeds a cement weigh batcher via a 12-inch butterfly valve. The Cemco cement weigh batcher has a 10 inch flow controlled inching gate as well as a transfer screw and a vibrator in order to create a constant and controllable flow of cement based upon the users desired flow rate. In addition, aerators and a vibrator are included on the silo to increase weigh up speed. In the case of a clump in the cement silo, a guillotine plate and cutout have been provided so that the silo gate may be removed without cement spillage.

Cement Storage and Transfer		
Cement Silo/Weigh batcher	Capacity	Butterfly Gate size
Silo (self-erecting)	(1300 ft ³) 58 ton	12 inch
Silo EXT (self-erecting)	(1900 ft ³) 75 ton	12 inch
Silo SS (self-erecting)	(1300/864 ft ³) 58/35 ton	10"-40% & 12"-60%
Cement Weigh Batcher	(129 ft ³) 5 tons	10 inch inching gate

*The batch plant comes standard with one 4" fill pipe. Additional fill pipes may be added.

Cement Weigh Batch Auger Specifications	
dimension (length x diameter)	50" x 10"
Max Motor Torque	8300 lbs·in (938 N·m)
Auger RPM (variable speed)	0-320 based upon hydraulic flow

*The auger does not have to be running for cement to flow out of the gate; it simply helps maintain constant flow.

Scale Capacities and Functionality

The Model 300 NTEP Certificate No. is 99-029.

NTEP approved scale capacities			
Scale	Nominal Capacity (lbs.)	Load Cell Capacity (lbs.)	Grad Size (lbs.)
Water	3,500	5,000	1
Cement	10,000	15,000	5
Aggregate	40,000	60,000	10

Scale Weighing Method	
Scale	Accumulative/Decumulative
Water	Accumulative
Cement	Accumulative
Aggregate	Decumulative*

*If automatic aggregate feeder conveyors are used, then the Aggregate scales can accumulate

Transfer Conveyors

All transfer conveyors are hydraulically driven. As such, they can start under full load and their speeds are easily adjustable.

Transfer Conveyor Specifications			
Belt Location	Torque	Belt Speed	Belt Width
Plant Conveyor	19560 lbs·in (2210 N·m)	0-400 ft./min	30 inches*
Aggregate Feed Conveyor	10475 lbs·in (1184 N·m)	0-400 ft./min	30 inches

*36 inch plant conveyors are an option

Pneumatic System

The Batch plant has an engine mounted, belt driven 73 CFM screw compressor which supplies air for all pneumatic functions. Air runs from the compressor to an 80-gallon storage tanks mounted ~40' down the plant frame (distance varies depending on model) in order to cool the air. SMC filtration and water separation devices are installed after the tank in order to treat air that is to be supplied to the primary pneumatic valve bank.

Standard Pneumatic Functions	
Function	Air Consumption if used continuously
Silo Dust Collector Pulse Jets	10 CFM @ 87 psi
Cement Weigh Batcher Dust Collector Pulse Jets	5 CFM @ 87 psi
Vibrators	10 CFM @ 87 psi
Vibra-Pad Aerators (pulsing)	10-15 CFM @ 7-15 psi
Central Dust Collector*	5-12 CFM @ 90-100 psi

*The 5,000 CFM Central Dust Collector is an option and comes silo mounted (does not need separate trailer and does not affect the portability of the plant)

Dust Collection

Cemco batch plants come standard with a silo top and cement weigh batcher dust collectors. As an option, a load point dust collector may be purchased. As a standard, Cemco uses the collectors outlined below; however, Cemco may elect to use a different unit and/or supplier as needed. For the specific plant, you must contact Cemco to ensure you have the correct permit information.

Donaldson TBV-2 Silo Top Dust Collector	
Cartridge Area	452 ft. ²
Cartridge Material / weave	100% Polyester spunbond
Efficiency	>99.9%
Method of Cleaning	Pulse Jet
Maximum Capacity	2,000 ACFM
Collection Type	Venting

Donaldson CPV-1 Cement Weigh Batcher Dust Collector	
Cartridge Area	63 ft. ²
Cartridge Material / weave	100% Polyester spunbond
Efficiency	>99.9%
Method of Cleaning	Pulse Jet
Maximum Capacity	350 ACFM
Collection Type	Venting

Cemco's optional central dust collector is a Donaldson 9FS6. The dust collector does not have any effect on portability as it pulls with the plant and is mounted directly to the silo. When the silo self erects the dust collector rises along with it. The dust collector is mounted on the bottom portion of silo in between the plant frame and the conveyor belt.

The Central Dust Collector is hardwired to collect dust whenever a load is discharging. During the next load's weigh up, dust from the previous load is deposited into the cement weigh batcher. In this manner the central dust collector's filters are cleaned every time a batch is weighed up. In addition, pulse jets should be operating while the unit is collecting in order to fully clean the filters.

Donaldson 9FS6 Load Point Dust Collector	
Cartridge Area	558 ft. ²
Cartridge Material / weave	100% Polyester spunbond
Efficiency	>99.9%
Method of Cleaning	Pulse Jet
Normal Air Capacity	5,000 CFM
Collection Type	Blower (Suction)

Plant Power

The Cemco Model 300 utilizes a factory mounted 173 Horsepower John Deere Tier IV Industrial Diesel engine. The engine has a 120-amp alternator which sustains the plant's 12VDC power system. All functions aside from the 120 VAC silo high level indicators and dust collector pulse jets operate via 12 VDC. In order to run the operating system and few 120 VAC functions a dedicated 20 amp 120 VAC circuit is necessary.

As an option, Cemco plants may be purchased with a 100HP electric motor in lieu of the 173HP diesel motor. Also, both power packs may be purchased for the ability to run off electricity or diesel depending on job constraints. Please consult the factory for additional information.

Plant Production

The Cemco model 300 is rated at 300 cubic yards per hour. This rating is based upon a 2:24 cycle time with 12 yard mixer trucks. The plant is fully capable of delivering a load as quickly as any truck can take it, and therefore, plant production is ultimately limited by the maximum truck feed rate and the time it takes for a loaded truck to leave and the next truck to get in place for a load. When continually batching, the plant can have the next load ready while trucks are transferring. On the high end of the production scale, Cemco has customers who routinely dry batch at 220+ cubic yards per hour sustained for many consecutive hours.

Donaldson Company Inc.

P.O. Box 1299, Minneapolis, MN 55440

800.365.1331 Tel / 952.887.3054 Fax

www.donaldsontorrit.com

Air Permit Work Sheet for DCI Dust Collector

Dust Collector Model No	9FS6
Type of Collector	Central
Cleaning Mechanism	Pulse Jet w/adjustable timer
Fan Included	Y
Collector Flow Rate	5,000 acfm
Filter Material	Spunbond Polyester
Filter Efficiency	99.99
Filter Media Max Pressure Drop	10 in H2O
Total Area of Filter Media	558 sqft
Nominal Filter Diameter	6 in
Nominal Filter Length	78 in
Quantity of Filters	9
Number of Compartments	1
Number of Filters per Compartment	9
Filtering Velocity	8.96 acfm / ft2 of cloth
Maximum concrete production	275 yds/hr
Number of fill lines	0
Application Flow Rate	5,000 acfm
Type of Particulate Controlled	3. cement & flyash
Name of Source(s) or Equipment being Controlled	04. Truck Mix Loading (Shroud)
Total Number of hours of operation per year	0 hr/yr
Outlet Area	1.23 ft2
Outlet Velocity	67.75 ft/s

	PM Inlet	PM Outlet	PM 10 Inlet	PM 10 Outlet	PM 2.5 Inlet	PM 2.5 Outlet	
Particulate Grain Loading **	2.02125	0.000202125	0.56467	0.000056467	ND*	ND*	grains / scf
Particulate Emissions **	86.62500	0.0086625	24.20000	0.0024200	ND*	ND*	lbs / hr
Particulate Emissions **	0.00000	0.000000	0.00000	0.000000	ND*	ND*	tons / yr

**Please see attached DCI
Emissions Statement

*ND=
No Data

[illegible]

DATA SHEET

Bottom Load Pleated Filter Element for Donaldson FS

Bottom load style pleated filter element .

Fits Donaldson Series FS dust collectors (Models FSD, VSD, RSD) with bottom load venturi connection.

Longer polyurethane top boot accommodates the venturi bell mouth.

Replaces 6.0" nominal diameter bag and cage assembly.

Standard Configuration

- 3.6" (91-mm) inner core diameter
- 1.0" (25-mm) nominal pleat depth
- Standard Pleat Count – 45 Pleats
- Molded top boot and bottom puck made from bright white soft polyurethane rated to 225°F
- Polyurethane, polypropylene and polyester components are safe for food contact

Configuration Options

- Special pleat counts (Available range: 35 – 60 pleats)
- Polypropylene Core – Rated to 180°F
- Galvanized and SS Perforated Metal (Spiral Formed) – For temperatures >180°F and for high pressure / vacuum applications.
- Grounded designs (with conductive media, metal core and stainless steel grounding wire extensions).

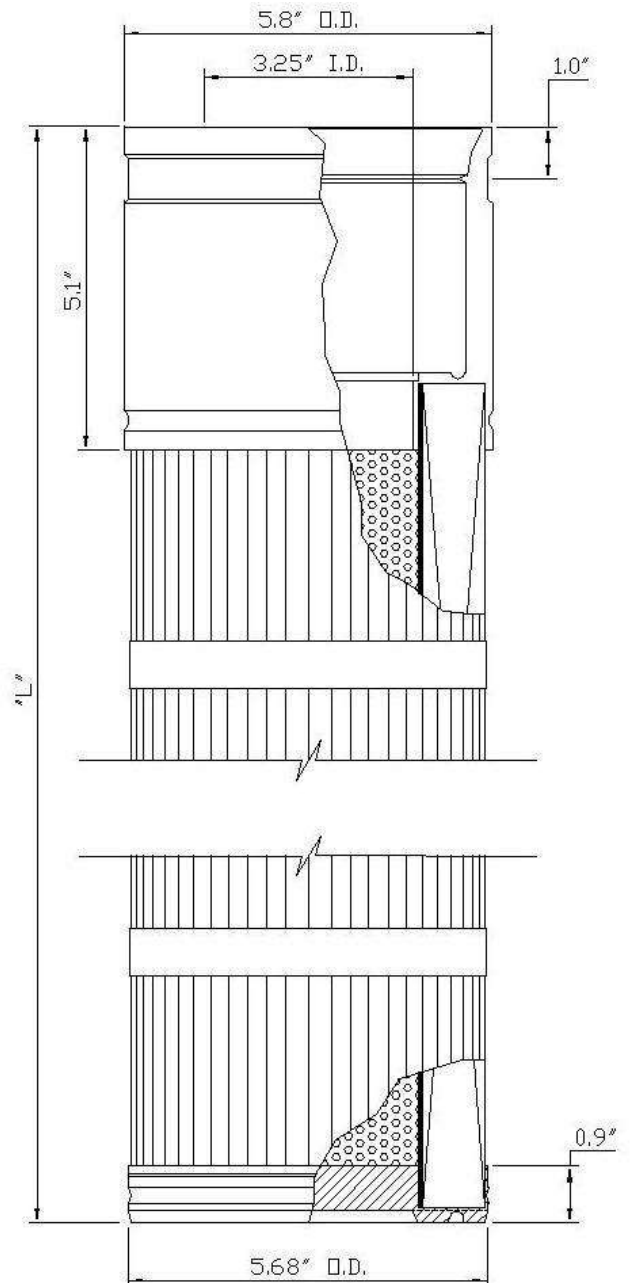
Filter Media

- Base filter media: Ultra-Web on spunbond polyester (UWSB)
- Weight: 8.0 oz/yd² (260 g/m²)
- Permeability: 15-30 acfm Frazier permeability at 0.5" w.g. dP
- Mullenburst Strength: 350 psi

Media Options

- 100% spunbond polyester with Ultra-Web (UW SB)
- 100% spunbond polyester (SB)
- 100% SB with hydrophobic & oleophobic finish
- 100% SB with conductive grid
- 100% SB with ePTFE membrane
- 100% SB with conductive grid & ePTFE membrane

Nominal Length	Overall Length "L"	Filter Area (sf) @ 45 Pleats	No. of Straps
0.5 m	23.9"	12.3	1
1.0 m	43.6"	24.6	3
1.4 m	59.3"	34.5	4
2.0 m	83.0"	49.2	6





BIN VENT DUST COLLECTOR

MODELS TBV-2, TBV-4, TBV-6

Cartridge filtration technology that adds economic value and recovers valuable dust.

- Efficient, compact design for applications involving silos, storage bins, or conveyor transfer points
- Available as plenum-mounted and insertable cabinets to keep the profile low
- Units are easily installed on bins or silos, eliminating ductwork and reducing installation expenses
- Standard Ultra-Web® cartridge filters, with fine fiber technology, provide higher filtration efficiency and longer filter life
- MERV* 15 filtration efficiency per ASHRAE 52.2-2007
- Choice of filter cartridges provide high filtration efficiency for a wide variety of applications

Designed for easy filter service and maintenance — no tools required.

- Easy filter removal and replacement from clean air side makes it unnecessary to enter the silo or storage container
- Continuous-duty, on-demand pulse cleaning provides uninterrupted service and keeps filters clean for a long time

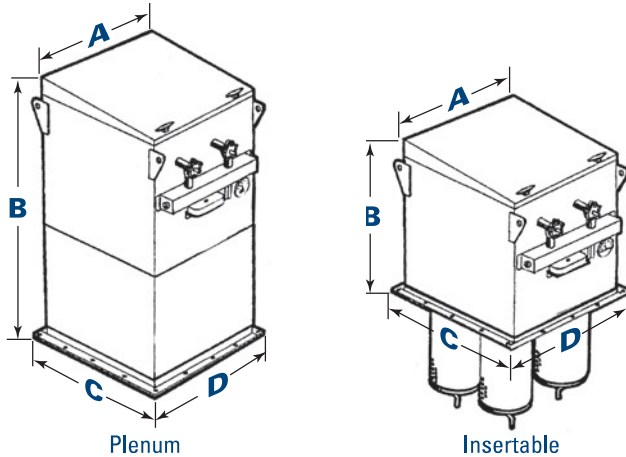
ULTRA-WEB®
High Efficiency Fine Fiber Filters Built to Last



TBV-4 with Plenum

* The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2007) test standards. The MERV rating was determined at a face velocity of 118 feet (36.0 meters) per minute and loading up to four inches (101.6 millimeters) water gauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.

DIMENSIONS & SPECIFICATIONS



Models	Filter Area						No. of Cartridges	No. of Valves
	Ultra-Web		Fibra-Web Ultra-Tek		Torit-Tex			
	ft²	m²	ft²	m²	ft²	m²		
TBV-2	452	42.0	220	20.4	100	9.3	2	2
TBV-4	904	84.0	440	40.9	200	18.6	4	2
TBV-6	1,356	126.0	660	61.3	300	27.9	6	3

Models	Dimensions										Shipping Weight			
	A		B				C		D					
			Plenum		Insertable						Plenum		Insertable	
	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg
TBV-2	34.6	878.8	53.6	1361.4	33.1	840.7	24.2	614.7	37.5	952.5	441	200.0	377	171.0
TBV-4	34.6	878.8	54.6	1386.8	34.1	866.1	35.4	899.2	37.5	952.5	702	318.4	627	284.4
TBV-6	51.9	1318.3	54.6	1386.8	34.1	866.1	35.4	899.2	54.7	1389.4	792	359.2	702	318.4

STANDARD FEATURES & AVAILABLE OPTIONS

STANDARD

Ultra-Web® cartridge
NEMA 4 enclosure
10-year warranty

* Magnehelic and Photohelic are registered trademarks of Dwyer Instruments, Inc.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts.

Call Donaldson Torit at 800-365-1331.

OPTIONAL

Insertable or plenum style

Cartridges

- Ultra-Web® FR
- Ultra-Tek®
- Fibra-Web® & Fibra-Web FR
- Torit-Tex™

Weatherhood

1, 2, 3, and 5 hp fans

Dampers

Chamber silencers

Magnehelic** gauge

Photohelic** gauge

NEMA 9 enclosure

Hostile environment coating

Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



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F118111 ENG (02/20) Bin Vent Collector ©2011-2020 Donaldson Company, Inc. Donaldson, Torit, Ultra-Web, Ultra-Tek, Fibra-Web, Torit-Tex and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

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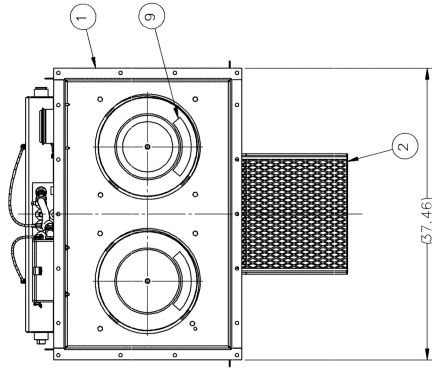
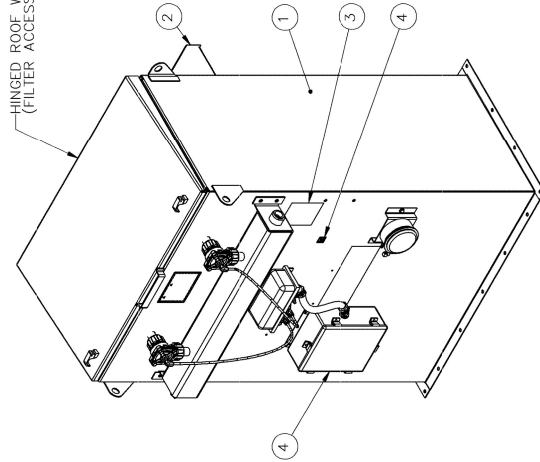
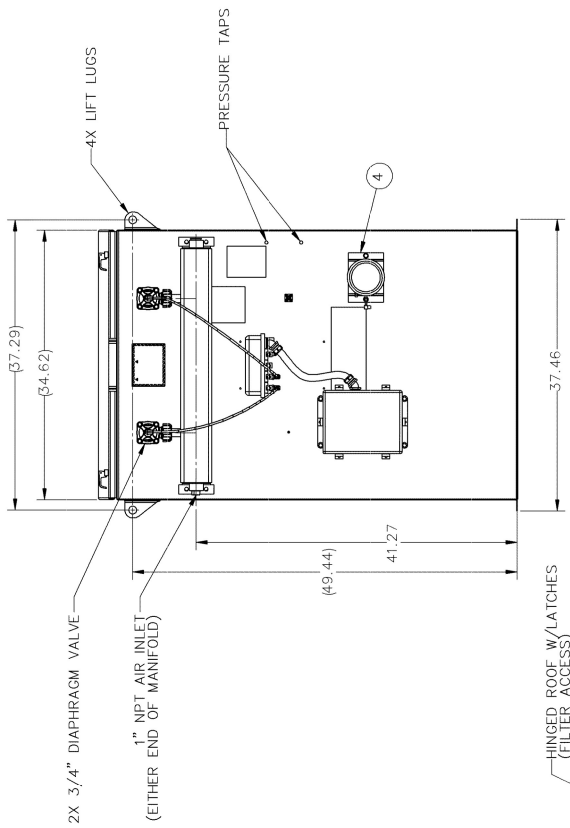
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Phone: +27-11-997-6000

Southeast Asia
Email: IAFSEA@donaldson.com
Phone: +65-6311-7373

REV		REVISIONS	DWN/DATE
		DESCRIPTION	



ITEM	QTY	PARTNO	DESCRIPTION
1	1	1FA 4933602	CABINET FINAL ASSY TBV2 PLENUM
2	1	2SG 4936400	WEATHER HOOD W/ BIRD SCREEN TBV
3	1	3EA 9391901	GRAPHIC LOCATION TBV
4	1	3EA AG8659701	PREWIRE TBV-2 PLENUM CEMCO
5	1	5PM 7595501	MANUAL HOLDER
6	1	7CT AG8099701	TEXTURED TORIT BLUE LIQUID (STANDARD)
7	1	8PP 4894801	SOLENOID ENCLOSURE ASSY 2 VALVE 115VAC 1/8 NPT NO H
8	1	10M 49359000	IOM BIN VENT TBV-2, TBV-4 AND TBV-6
9	2	P031792	FILTER ASSEMBLY 12.7 IN OD 26.00 IN LG ULTRA-WEB SE
10	1	8PI AG8360501	8PI BIN VENT TBV-2, TBV-4, TBV-6

[illegible]



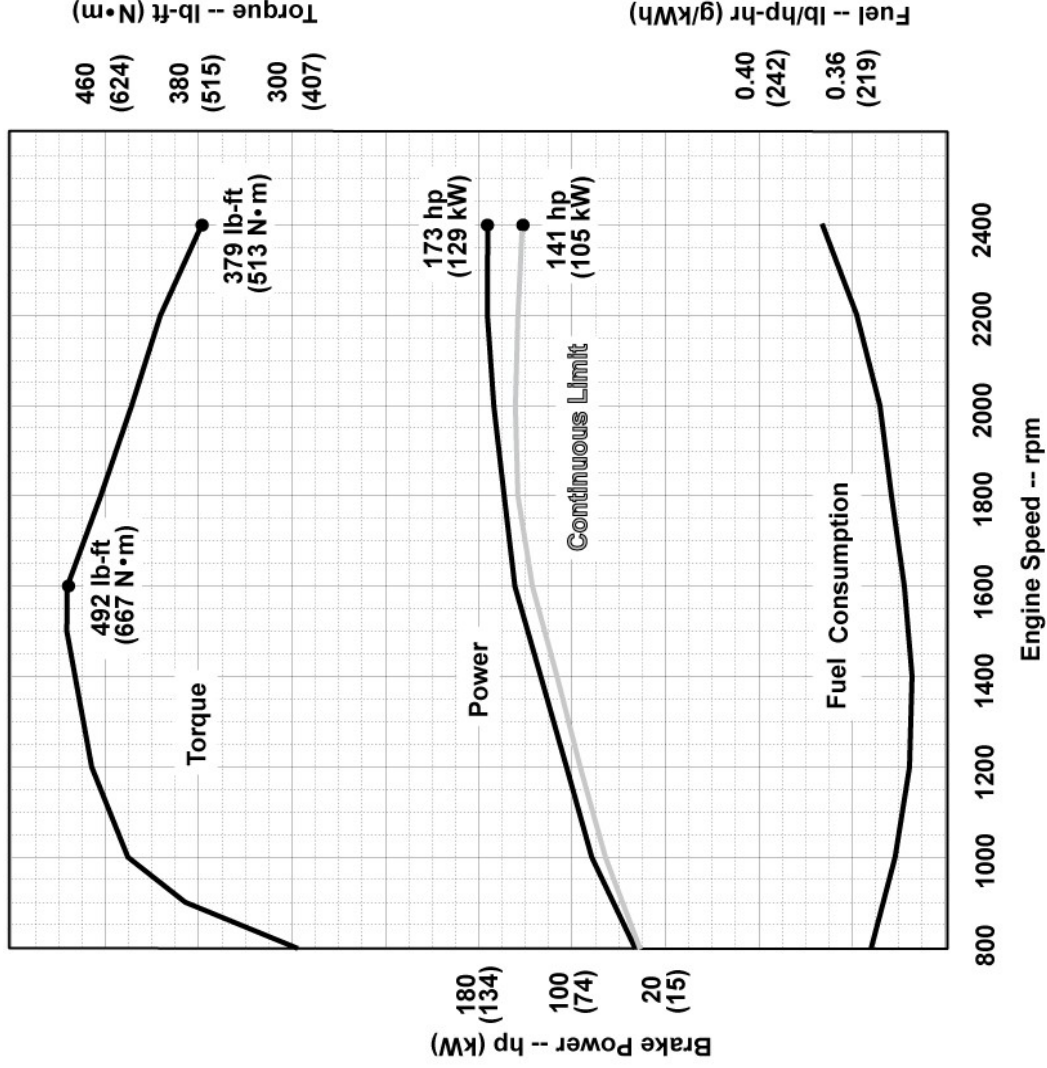
JOHN DEERE

ENGINE PERFORMANCE CURVE

Rating: Gross Power
Application: Intermittent
Power Bulge - 0%
Torque Rise - 30%



PowerTech™ PSS 4.5L Engine
Model: 4045HFC09
173 hp @ 2400 rpm
129 kW @ 2400 rpm



STANDARD CONDITIONS

Air Intake Restriction.....12 in.H₂O (3 kPa)
Exhaust Back Pressure.....30 in.H₂O (7.5 kPa)
Gross power guaranteed within + or - 5% at SAE
J1995 and ISO 3046 conditions:
77 °F (25 °C) air inlet temperature
29.31 in.Hg (99 kPa) barometer
104 °F (40 °C) fuel inlet temperature
0.853 fuel specific gravity @ 60 °F (15.5 °C)

Conversion factors:

Power: kW = hp x 0.746
Fuel: 1 gal = 7.1 lb, 1 L = 0.85kg
Torque: N·m = lb·ft x 1.356

All values are from currently available data and are subject to change without notice.

Notes: This Performance Curve provides installation requirements necessary for the engine to emit at its certified emission levels. For additional information necessary to meet applicable regulatory requirements, refer to the John Deere Emissions-related Installation Instructions (AG01): <https://power.deere.com/wps/myportal/jdps/products/engines/apguidelines>.

Designed/Calibrated to meet:

- CARB
- EPA Tier 4
- EU Stage IV

Certified by:

John J. Cantor
24 Oct 2014

Ref: Engine Emission Label

Performance Curve: 4045HFC09_A_O

Engine Installation Criteria

General Data

Model	4045HFC09		
Number of Cylinders	4		
Bore	106 mm	4.2 in.	
Stroke	127 mm	5.0 in.	
Displacement	4.5 L	275 in. ³	
Compression Ratio	17.2 : 1		
Valves per Cylinder, Intake/Exhaust	2 / 2		
Firing Order	1-3-4-2		
Combustion System	Direct Injection		
Engine Type	In-line, 4-cycle		
Aspiration	Turbocharged and air-to-air aftercooled		
Engine Crankcase Vent System	Open		

Physical Data

Length	870 mm	34.3 in.	
Width	635 mm	25.0 in.	
Height	1130 mm	44.5 in.	
Weight, with oil & no coolant (Includes engine, flywheel housing, flywheel & electrics)	570 kg	1257 lb	
Center of Gravity Location, X-axis From Rear Face of Block	265 mm	10.4 in.	
Center of Gravity Location, Y-axis Right of Crankshaft	8 mm	0.3 in.	
Center of Gravity Location, Z-axis Above Crankshaft	155 mm	6.1 in.	
Max. Bending Moment about Main Bearings Front and Rear	480 N•m	354 lb-ft	
Max. Allowable Static Bending Moment At Rear Face of Flywheel Housing with 5-G Load	814 N•m	600 lb-ft	
Thrust Bearing Load Limit Forward, Intermittent	4000 N	899 lb	
Thrust Bearing Load Limit Forward, Continuous	2200 N	495 lb	
Thrust Bearing Load Limit Rearward, Intermittent	2000 N	450 lb	
Thrust Bearing Load Limit Rearward, Continuous	1000 N	225 lb	
Max. Continuous Damper Temp	NA		
Max. ECU Vibration, All Axis	6.00 gRMS		
Max. Torsional Vibration, Front of Crank	0.25 DDA		
Max. Engine Torsional Vibration in Overspeed	0.40 DDA		

Electrical System

Min. Instantaneous Cranking		50 rpm
Min. Steady State Cranking		120 rpm
Starter Rolling Current, 12V @32 °F (0 °C)		450 amps
Starter Rolling Current, 24V @32 °F (0 °C)		250 amps
Starter Rolling Current, 12V @-22 °F (-30 °C)		700 amps
Starter Rolling Current, 24V @-22 °F (-30 °C)		400 amps
Min. Voltage at ECU during Cranking, 12V		6 volts
Min. Voltage at ECU during Cranking, 24V		10 volts
Max. Voltage Drop, Battery to Starter		0.8 volts
Max. Allowable Start Circuit Resistance, 12V		0.0012 Ohm
Max. Allowable Start Circuit Resistance, 24V		0.002 Ohm
Max. Voltage From Engine to Crankshaft, 12V		NA
Max. Voltage From Engine to Crankshaft, 24V		NA
Max. ECU Temperature	105 °C	221 °F
Max. VTG Actuator Surface Temp		NA
Max. Air Throttle Electrical Actuator Temperature		NA
Max. Harness Temperature	125 °C	257 °F
Max. Alternator Temperature	105 °C	221 °F
Max. Starter Temperature	120 °C	248 °F
Max. Temperature, All Other Electronics	125 °C	257 °F

Engine Installation Criteria

Charge Air Cooling System

Air-to-Air Heat Rejection	26 kW	1480 BTU/min
Intake Manifold Pressure	187 kPa	27.1 psi
Compressor Discharge Temperature @77°F(25°C) Ambient Air	180 °C	356 °F
Compressor Discharge Temperature @117°F(47°C) 80 kPa Barometric pressure	220 °C	428 °F
Max. Temperature Out of Charge Air Cooler @All Ambient Conditions	88 °C	190 °F
Max. CAC System Volume	25 Liter	26 quart
Max. Pressure Drop through CAC	10 kPa	40.0 in. H ₂ O
Min. Pressure Drop through CAC	5 kPa	20.0 in. H ₂ O
Max. Temperature Out of Charge Air Cooler @77°F (25°C) Ambient Air	56 °C	133 °F
Min. Temperature Out of Charge Air Cooler @77°F (25°C) Ambient Air	48 °C	118 °F
Max. Bending Moment on Compressor Outlet	3.5 N•m	3 lb-ft
Max. Shear on Compressor Outlet	2.5 kg	6 lb

Cooling System

Engine Heat Rejection	92 kW	5237 BTU/min
Coolant Flow @10 kPa External Restriction	331 L/min	87 gal/min
Coolant Flow @40 kPa External Restriction	311 L/min	82 gal/min
Max. Auxiliary Coolant Flow	27 L/min	7 gal/min
Thermostat Start to Open	85 °C	185 °F
Thermostat Fully Open	97 °C	207 °F
Engine Coolant Capacity	8.5 Liter	9.0 quart
Min. Coolant Fill Rate	12 L/min	3.2 gal/min
Max. Water Pump Inlet Pressure	235 kPaa	34 psia
Min. Pump Inlet Pressure @203°F (95°C) Coolant	103 kPaa	15 psia
Min. Pump Inlet Pressure @Max. Top Tank Temperature	165 kPaa	24 psia
Max. External Coolant Restriction	40 kPa	6 psi
Max. Top Tank Temperature	113 °C	235 °F
Max. Top Tank Temperature 95% of Operating Hours	103 °C	217 °F

Exhaust System

Exhaust Flow	19.8 m³/min	699 ft.³/min
Exhaust Temperature	475 °C	887 °F
Max. Allowable Exhaust Restriction	29.7 kPa	119 in. H ₂ O
Max. Bending Moment on Turbo Outlet	7.4 N•m	5.5 lb-ft
Max. Shear on Turbine Outlet	2.5 kg	6 lb
Exhaust Filter Size		4
Exhaust Filter Pressure Drop (Clean)	24.7 kPa	99 in. H ₂ O
Min. Mixing Length, Outlet to Exhaust Filter		NA
Max. Bending Moment on Exhaust Filter Inlet	83 N•m	61 lb-ft
Max. Bending Moment on Exhaust Filter Outlet	75 N•m	55 lb-ft
Max. Exhaust Leakage Rate, Engine to Exhaust Filter @30kPa	5 L/min	1.3 gal/min
Max. Temperature Drop, Engine to Exhaust Filter	30 °C	86 °F

Fuel System

ECU Description	L34 Controller		
Fuel Injection Pump	Denso HP3		
Governor Type	Electronic		
Total Fuel Flow	53 kg/hr	117 lb/hr	
Fuel Consumption	29.3 kg/hr	64.6 lb/hr	
Fuel Temperature Rise, Inlet to Return	23 Δ°C	41 Δ°F	
Min. Fuel Inlet Pressure	-30 kPa	-120 in. H ₂ O	
Max. Fuel Return Pressure	20 kPa	80 in. H ₂ O	
Min. Fuel Return Pressure	0 kPa	0 in. H ₂ O	
Max. Fuel Inlet Temperature	75 °C	167 °F	
Fuel Filter @98% Efficiency			2 mic

Lubrication System

Oil Pressure at Rated Speed	385 kPa	56 psi
Oil Pressure at Low Idle	150 kPa	22 psi
Max. In-Pan Oil Temperature	138 °C	280 °F
Max. Crankcase Pressure	1.0 kPa	4 in. H ₂ O

Performance Curve: 4045HFC09_A_O

Engine Installation Criteria

Air Intake System

Engine Air Flow	10.0 m³/min	353 ft.³/min
Air Mass Flow	680 kg/hr	1499 lb/hr
Maximum Allowable Temperature Rise, Ambient Air to Engine Inlet	8 Δ°C	15 Δ°F
Max. Air Intake Restriction, Clean Air Cleaner	3.75 kPa	15.0 in. H ₂ O
Max. Air Intake Restriction, Dirty Air Cleaner	6.25 kPa	25.0 in. H ₂ O
Air Cleaner Efficiency	99.9 %	

Performance Data

Rated Power	129 kW	173 HP
Rated Speed		2400 rpm
Max. Fast Idle Speed		2600 rpm
Breakaway Speed		2450 rpm
Power Bulge Speed		NA
Peak Torque Speed		1600 rpm
Low Idle Speed		800 rpm
Rated Torque	513 N•m	378 lb-ft
Peak Torque	667 N•m	492 lb-ft
Torque Rise		30 %
BMEP, Rated	1440 kPa	209 psi
BMEP, Peak Torque	1865 kPa	270 psi
Altitude Capability	1676 m	5500 ft
Friction Power @Rated Speed	29 kW	39 HP
Air:Fuel Ratio		22.7 : 1
Noise @1 m		92.2 dB(A)
Power Bulge		0 %

Engine Speed	Power		Torque		BSFC	
	kW	hp	N•M	lb-ft	g/kWh	lb/hp-hr
2400	129	173	513	378	227	0.372
2300	129	173	536	395	223	0.366
2200	129	173	559	412	219	0.359
2100	127	170	579	427	216	0.354
2000	125	168	595	439	213	0.349
1900	122	164	613	452	211	0.346
1800	119	160	631	465	209	0.343
1700	116	156	649	479	207	0.339
1600	112	150	667	492	206	0.338
1500	105	141	667	492	204	0.335
1400	96	129	655	483	203	0.333
1300	88	118	648	478	203	0.333
1200	80	107	640	472	204	0.335
1100	72	97	625	461	204	0.335
1000	63	84	598	441	208	0.341
900	50	67	530	391	209	0.343
800	34	46	400	295	214	0.351



Performance Curve: 4045HFC09_A_O

Texas Commission on Environmental Quality

Standard Permit New Registration

Site Information (Regulated Entity)

What is the name of the site to be authorized?	GCH Plant #2
Does the site have a physical address?	Yes
Physical Address	
Number and Street	4431 US Hwy 67
City	Rainbow
State	TX
ZIP	76077
County	SOMERVELL
Latitude (N) (##.#####)	32.2675
Longitude (W) (-###.#####)	-97.6906
Primary SIC Code	3273
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	
What is the name of the Regulated Entity (RE)?	GCH Plant #2
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	4431 US Hwy 67
City	Rainbow
State	TX
ZIP	76077
County	SOMERVELL
Latitude (N) (##.#####)	32.2675
Longitude (W) (-###.#####)	-97.6906
Facility NAICS Code	
What is the primary business of this entity?	Produces ready mix concrete

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604775049
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	GAINES COUNTY HARVESTERS, INC.
Texas SOS Filing Number	104469800
Federal Tax ID	
State Franchise Tax ID	17521859946
State Sales Tax ID	
Local Tax ID	
DUNS Number	

Number of Employees	21-100
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	GAINES COUNTY HARVESTERS, INC.
Prefix	
First	Malcolm
Middle	
Last	Petty
Suffix	
Credentials	
Title	Member
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 57
Routing (such as Mail Code, Dept., or Attn:)	
City	CRESSON
State	TX
ZIP	76035
Phone (###-###-####)	8173260102
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	gchconcrete@yahoo.com

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	CN604775049, GAINES COUNTY HARVESTERS, INC.
Organization Name	
Prefix	MR
First	Malcolm
Middle	
Last	Petty
Suffix	
Credentials	
Title	Member
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 57
Routing (such as Mail Code, Dept., or Attn:)	
City	CRESSON
State	TX

ZIP	76035
Phone (###-###-####)	8173260102
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	gchconcrete@yahoo.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Enviro-Ag Engineering Inc
-------------------	---------------------------

Prefix	MR
--------	----

First	Erick
-------	-------

Middle	
Last	Emerine

Suffix	
Credentials	
Title	Consultant

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	3404 AIRWAY BLVD

Routing (such as Mail Code, Dept., or Attn:)	
City	AMARILLO

State	TX
-------	----

ZIP	79118
-----	-------

Phone (###-###-####)	8063536123
----------------------	------------

Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	EEMERINE@ENVIROAG.COM

Standard Permit General Information- New Reg Sites

1) Is this facility permanent or temporary?	Permanent
2) Will the proposed facility meet all of the requirements of the standard permit?	Yes
3) Select the type of unit that is being registered:	CONCRETE BATCH PLANTS
3.1. Select the rule associated to the unit specified.	6004

Standard Permit Attachments

1) Attach PI-1S-CBP Registration Form	
[File Properties]	
File Name	20871.xlsx

Hash	3E6D03D9FC1C062320D23A2C576768D3E8EFC1D07FAAAAB4B62EC11FAF83531E
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
Confidential	No

2) Please attach any other necessary information needed to complete the registration.

[File Properties]

File Name	GCH - CBP Application Submittal Package.pdf
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Hash	3A393B48CA5FB98A87C50F46D4ECB467D85F6A8EB1B4D89FFBCAA7AEE8109087
MIME-Type	application/pdf
Confidential	No

Expedite

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	Yes
1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state?	Yes

Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Officials knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you questions on how to fill out this form or about air quality permits. Please call (512) 239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

1. I am Malcolm Petty, the owner of the STEERS account ER044298.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Standard Permit New Registration.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Malcolm Petty OWNER OPERATOR

Account Number:	ER044298
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Signature IP Address:	52.128.56.14
Signature Date:	2025-03-03
Signature Hash:	3064B395AD264035D53597A8C035D30BCD2AC36E09E1E188DBB5EE8E45FBD285
Form Hash Code at time of Signature:	D87011C76F788410DF24F81FAEB5243CAFDB259F12B93AC19B72F01FF479ACC9

Fee Payment

Transaction by:	The application fee payment transaction was made by ER044298/Malcolm Petty
Paid by:	The application fee was paid by PATTI PETTY
Fee Amount:	\$900.00
Paid Date:	The application fee was paid on 2025-03-03
Transaction/Voucher number:	The transaction number is 582EA000657340 and the voucher number is 755416

Fee Payment

Transaction by:	The surcharge fee payment transaction was made by ER044298/Malcolm Petty
Paid by:	The surcharge fee was paid by PATTI PETTY
Fee Amount:	\$3000.00
Paid Date:	The surcharge fee was paid on 2025-03-03
Transaction/Voucher number:	The transaction number is 582EA000657340 and the voucher number is 755417

Submission

Reference Number:	The application reference number is 765471
Submitted by:	The application was submitted by ER044298/Malcolm Petty
Submitted Timestamp:	The application was submitted on 2025-03-03 at 13:14:57 CST
Submitted From:	The application was submitted from IP address 52.128.56.14
Confirmation Number:	The confirmation number is 636464
Steers Version:	The STEERS version is 6.88

Additional Information

Application Creator: This account was created by Marsha E Shoemaker